



Digital Power Academy: Training Offers Catalog

Digital Energy - Energy Management
Global 2026 H1

se.com/url



Life Is On

Schneider
Electric

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Introduction

Our team provides educational services for the entire Digital Power portfolio of offers. We develop training content and deliver training courses in both traditional and digital means targeting both Schneider Electric employees and our extensive network of global partners. We are here to help you select, deploy, sell, design, commission, maintain, troubleshoot and properly use Schneider Electric Power and Energy Management solutions.

About this Catalog

For Whom

Schneider Electric employees and our extensive network of global partners including System Integrators and EcoXperts as well as our network of global trainers. Our offer includes both commercial trainings (Discover, Promote & Sell, Design & Quote) and technical trainings (Design, Install, Commission, Maintain, Troubleshoot) as it relates to our portfolio of offers in Digital Power.

Find a Course

Use the [My LearningLink](#) if you are a Schneider employee or the [Learning Portal](#) if you are a partner and search by course Title or Course ID. Then click to take a course or request to register for a course

About the Course Offerings

We offer training courses that includes traditional and digital including: eLearning, Webinar, Virtual Classroom, Classroom, Video and mixed at all levels from Basic, Intermediate and Advanced on our entire portfolio of offer from Digital Power Portfolio. Our content and courses are well designed using learning methodologies that focus on the learners experience while using the latest technologies while providing a first class learning experience whether it is virtual, digital, self-paced or instructor lead. It ensures a time-effective and cost effective experience. By using our Learning management system, learners will also be able to track their own progress and manage their learning.

Blended Training Solution



Webinar

- Instructor led live event for up to 200 participants
- Duration from 45 minutes to 2 hours
- Medium training interactivity



Virtual Classroom

- Remote Instructor led Live events for 6-12 participants
- Duration from 2 to 5 days
- High training interactivity including hands-on excercises with connected devices



Classroom

- Instructor led live event for 6-12 participants
- Duration from 2 to 5 days
- High training interactivity including hands-on excercises with connected devices



eLearning

- Self-paced event for unlimited audiences
- Duration from 15 to 45 minutes
- Medium training interactivity



Video

- Self-paced event for unlimited audience
- Duration up to 15 minutes
- Medium training interactivity



Blended

- Mix of Instructor Led and Self-paced event for 6-12 participants
- Duration from 1 to 5 days
- High training interactivity



Playlist

- Self-paced learning for unlimited audience
- Videos with duration up to 15 minutes
- High self-paced training interactivity



ONE organisation with regional teams



-  Local/Regional Trainers (Network of Global Trainers)
-  Global Trainers and Subject Matter Experts

Digital Power On-Boarding

- Basic
- Intermediate
- Advanced

Commercial / Technical

Webinar (2 Hours)	Digital Power Strategy & DNA
Webinar (2 Hours)	What is Electricity
Webinar (2 Hours)	Electrical Distribution Basics
Webinar (2 Hours)	Digital Power Portfolio
Webinar (2 Hours)	Digital Power Who is Who
Webinar (2 Hours)	Digital Power Connected Products
Webinar (2 Hours)	Digital Power System & Services
Webinar (2 Hours)	Digital Power Use Cases
Webinar (2 Hours)	EcoStruxure Power Applications
Webinar (2 Hours)	Finance for non-finance



Basic

Course ID

Please see links under Registration

Duration

2 Hours (each)

Registration

Search for course title
SE Employees: [My LearningLink](#)
Only for SE employees

Delivery Method

Webinar

Training Contact

EMBDTrainingRequest@se.com

Digital Power On-Boarding

Course Description

Digital power on-boarding series is a 10 live sessions event that will allow everyone to better understand Digital Power(organizations, products, stakeholders...)

Target Audience

This program is open to any Schneider Electric employee

Prerequisites

None

Objectives

- Understand Digital Power LoB DNA, strategy & priorities
- Understand the basics about Electricity
- Understand the basics about Electrical Distribution
- Discover Digital Power portfolio’s technical basics and value proposition
- Become familiar with Digital Power LoB organization and business partners to know better the team and who to contact according to your needs.
- Overview of DPLVP & DPMVP business: Markets; GoTo markets; Competition & portfolio
- Overview of DPSYS & DPIBS business: Markets; GoTo markets; Competition & portfolio
- Selection of success stories which illustrates Digital Power products and systems used by our customer
- Understand EcoStruxure Power: Organization, Mission & deliverables
- Understand how to contribute to the Company results and get familiar with financial basics

Basic

Course ID

BLDPRDES0001058



Duration

3 Months/60+ Hours

Registration

Search for course title

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Digital Power System Architect / Product Application Engineer Onboarding Journey

Course Description

The purpose of this onboarding program is to support you in quickly adapting to your role, team and our company.

Our goal is to ensure you understand your manager's expectations, familiarize yourself with internal processes & procedures and smoothly transition into your new position.

Throughout this program, we will outline what your first 30, 60 and 90 days in the team will look like, providing you with a clear roadmap for success.

Target Audience

This program is open to any Schneider Electric employee

Prerequisites

None

Objectives

- Understand your role as a System Architect/Product Application Engineer
- Familiarize yourself with the internal processes and procedures as a System Architect/Product Application Engineer
- Understand the Digital Energy and Digital Energy Commercial Organization
- Connect with the key people in the organization that can help you in your role
- Understand your managers expectations
- Tour of the Digital Power Offer Portfolio and other training content
- Get familiar with the different resources in your role
- A clear roadmap to smoothly transition into your position

Basic

Course ID

BLDPRDES0001080



Duration

3 Months/60+ Hours

Registration

Search for course title

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Digital Power Sales & Offer Manager Onboarding Journey

Course Description

The purpose of this onboarding program is to support you in quickly adapting to your role, team and our company. Our goal is to ensure you understand your manager's expectations, familiarize yourself with internal processes & procedures and smoothly transition into your new position. Throughout this program, we will outline what your first 30, 60 and 90 days in the team will look like, providing you with a clear roadmap for success.

Target Audience

This program is open to any Schneider Electric employee

Prerequisites

None

Objectives

- Understand your role as a Sales / Offer Manager within Digital Power
- Familiarize yourself with the internal processes and procedures as a Sales / Offer Manager
- Understand the Digital Energy and Digital Energy Commercial Organization
- Connect with the key people in the organization that can help you in your role
- Understand your managers expectations
- our of the Digital Power Offer Portfolio and other training content
- Get familiar with the different resources and tools for your role
- A clear roadmap to smoothly transition into your position

ION Setup Meter Configuration Utility



- Basic
- Intermediate
- Advanced

Commercial

Technical

Video (30 minutes)

ION Setup Meter Configuration Utility



Basic

Course ID

BLDECXCS0001021



Duration

30 minutes

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

ION Setup: Meter Configuration Utility

Course Description

This self-paced curriculum traverses an ION Setup Meter Configuration Software through a set of "How to..." videos. The extensive videos cover the entire horizon of the ION Setup including installation, add Sites, Groups and Devices, Configuring Devices, importance of Data Screen and Setup Screen, Usage of Tools available, add Users, PQ Settings, backup and restore Device Configuration file, Export ION Setup log data in to excel

Target Audience

- Application Engineer/Product Application Engineer.
- Technical Support Engineer L1-L2-L3.
- Field Service Engineer.
- System Integrator/Partner.

Prerequisites

- Be familiar with the concepts of Power Monitoring and Energy Management.
- Basics of electrical and communications wiring.

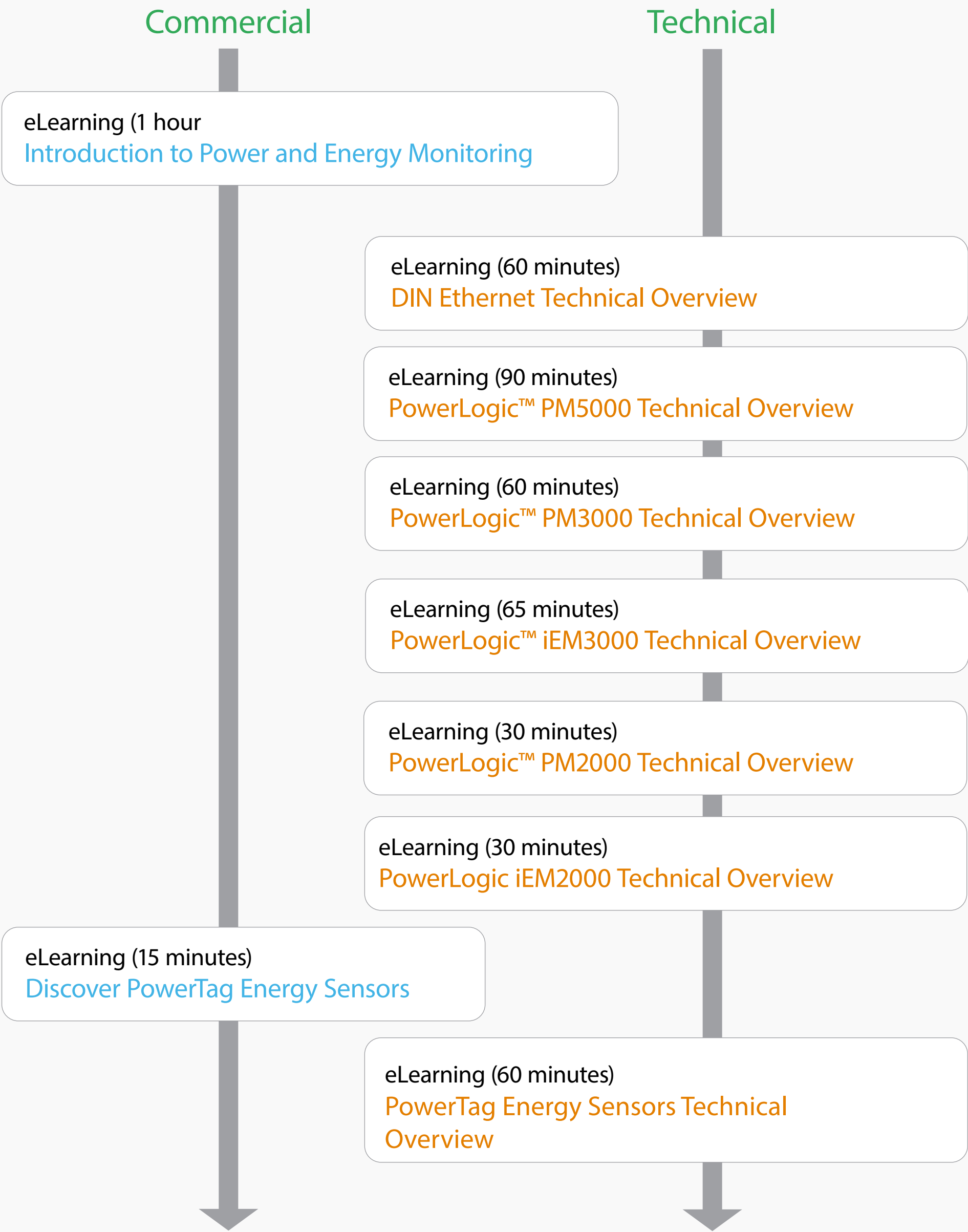
Objectives

- Install and Uninstall ION setup software
- Learn about ION setup startup modes
- How to add users
- How to add ethernet and serial devices
- Discover features of ION setup
- Apply basic meter configurations
- Apply basic communication configurations
- Device configuration file (DCF)
- ION setup log off



Basic Power Metering

- Basic
- Intermediate
- Advanced



Basic

Course ID
BLDPRDES0001127



Duration
1 hour

Registration
Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method
eLearning

Training Contact
EMBDTrainingRequest@se.com

Introduction to Power and Energy Monitoring

Course Description
This introductory course provides commercial professionals with a practical foundation in energy metering and monitoring. Participants will explore essential electrical concepts, learn how to select appropriate meters and sensors, understand communication protocols, and become familiar with key industry standards. The course is designed to support energy efficiency, compliance, and smarter energy management in commercial environments.

Target Audience

- Sales and Marketing.
- Solution Offer Manager/Application Engineer or in FD and Power Breaker LoB.
- Schneider Electric employee new to Power Solutions metering range.
- Application Engineer/Product Application Engineer/System Architecture Engineer.
- Technical Support engineer L1-L2-L3.

Prerequisites

- General understanding of operational workflows in commercial or industrial facilities.
- Awareness of organizational goals related to energy efficiency, cost control, or regulatory compliance

Objectives

- Explain basic electrical and metering concepts.
- Identify how to select appropriate energy meters and current sensors.
- Understand communication methods used in metering systems.
- Recognize key standards and compliance requirements.
- Apply metering knowledge to support energy monitoring and efficiency goals



Intermediate

DIN Ethernet E71 Series Technical Overview

Course ID

BLDECXES0001000

Duration

60 Minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com



Course Description

The course provides students with the resources to successfully understand this range of products. The students will learn about the product main technical characteristics, and how to install and program these meters. Communication and wiring details will be explained. Details on how to configure the devices from the front display and web pages will also be covered. Basic troubleshooting will be introduced.

Target Audience

- Application Engineer/Product Application Engineer.
- Technical Support Engineer L1-L2-L3.
- Field Service Engineer.
- System Integrator/Partner.

Prerequisites

- Be familiar with the concepts of Power Monitoring and Energy Management.
- Basics of electrical and communications wiring.

Objectives

- Describe the various device models installation and programming procedures.
- Complete the steps to configure the basic and advanced details for the meters.
- Identify and verify the basic displays for the devices.
- Distinguish the steps to be addressed during installation and avoid trouble shooting at later stage.

Intermediate

Course ID

BLDPRDC0001002

Duration

90 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com



PowerLogic™ PM5000 Technical Overview

Course Description

The course provides students with the resources to successfully understand this range of products. Main technical characteristics, installation, programing, communication and wiring details will be explained. Details on how to configure the devices from the front display and utility software will also be covered. Basic troubleshooting will be introduced.

Target Audience

- Application Engineer / Product Application Engineer
- Technical Support engineer L1-L2-L3.
- Field Service Engineer
- System Integrator / Partner

Prerequisites

- Be familiar with the concepts of Power Monitoring and Energy Management.
- Basics of electrical and communications wiring.

Objectives

- Describe the various device models installation and programming procedures.
- Complete the steps to configure the basic and advanced details for the meters.
- Identify and verify the basic displays for the devices.
- Distinguish the steps to be addressed during installation and avoid trouble shooting at later stage.
- Understand the procedure of viewing and verifying the basic and advanced readings using Utility and Application software.

Intermediate

PowerLogic™ PM3000 Technical Overview

Course Description

The course provides students with the resources to successfully understand this range of products. The students will learn about the products main technical characteristics, and how to install and program these meters. Communication and wiring details will be explained. Details on how to configure the devices from the front display and utility software will also be covered. Basic troubleshooting will be introduced.

Target Audience

- Solution Offer Manager/Application Engineer.
- System Integrator/Partner.
- EcoXperts.
- Technical Support L1-L2-L3.

Prerequisites

- Be familiar with the concepts of Power Monitoring and Energy Management.
- Basics of electrical and communications wiring.

Objectives

- Describe the various device models installation and programming procedures.
- Complete the steps to configure the basic and advanced details for the meters.
- Identify and verify the basic displays for the devices.
- Distinguish the steps to be addressed during installation and avoid trouble shooting at later stage.
- Understand the procedure of viewing and verifying the basic and advanced readings using Utility and Application software.

Intermediate

iEM3000 Technical Overview

Course Description

This curriculum contains three parts and all must be followed. It provides the students with commercial and technical details with the resources to fully understand this range of products.

Target Audience

- Solution Offer Manager/Application Engineer.
- System Integrator/Partner.
- EcoXperts.
- Technical Support L1-L2-L3.

Prerequisites

- Be familiar with the concepts of Power Monitoring and Energy Management.
- Basics of electrical and communications wiring.

Objectives

Relate the offer to the market and its applications. Compare the functionality between the devices.

Intermediate

EasyLogic PM2000: Technical Overview

Course ID

ERGNRGE0001006



Duration

30 minutes

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Course Description

The course provides students with the resources to successfully understand this range of products. Main technical characteristics, installation, programing, communication and wiring details will be explained. Details on how to configure the devices from the front display and utility software will also be covered. Basic troubleshooting will be introduced.

Target Audience

- Application Engineer / Product Application Engineer
- Technical Support engineer L1-L2-L3.
- Field Service Engineer
- System Integrator / Partner

Prerequisites

- Be familiar with the concepts of Power Monitoring and Energy Management.
- Basics of electrical and communications wiring.

Objectives

- Describe the various device models installation and programming procedures.
- Complete the steps to configure the basic and advanced details for the meters.
- Identify and verify the basic displays for the devices.
- Distinguish the steps to be addressed during installation and avoid trouble shooting at later stage.
- Understand the procedure of viewing and verifying the basic and advanced readings using Utility and Application software.

Intermediate

PowerLogic iEM2000 Technical Overview

Course ID

BLDECXES0001021



Duration

60 minutes

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Course Description

The course provides students with the resources to successfully understand this range of products. Main technical characteristics, installation, programing, communication and wiring details will be explained.

Details on how to configure the devices from the front display and utility software will also be covered. Basic troubleshooting will be introduced.

Target Audience

- Application Engineer/Product Application Engineer/ System Architecture Engineer.
- Technical Support Engineer L1-L2-L3.
- Field Service Engineer.
- System Integrator/Partner/EcoXpert.

Prerequisites

- Be familiar with the concepts of Power Monitoring and Energy Management.
- Basics of electrical and communications wiring.

Objectives

- Identify the characteristics of iEM2000 device models.
- Describe the various device models installation, wiring and mounting procedures.
- Understand the steps to configure basic and advanced details for iEM2000 meters.
- Distinguish the procedure to be executed during installation to avoid troubleshooting at later stage.

Basic

Discover PowerTag Energy Sensors

Course ID

PTRPRDE0001019



Duration

15 minutes

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Course Description

The Discover PowerTag Energy eLearning provides the trainee with a general knowledge of the PowerTag Energy sensors and the way it is part of different digital systems. It presents the benefits of the offer, the structuration of the range, the way to install PowerTag Energy in an electrical panel.

Target Audience

- Sales and Marketing.
- Solution Offer Manager/Application Engineer or in FD and Power Breaker LoB.
- Schneider Electric employee new to Power Solutions metering range.

Prerequisites

- Be familiar with the concepts of Power Monitoring and Energy Management.
- Basics of electrical and communications wiring.

Objectives

Understand what is PowerTag Energy sensors. How to promote it, how it is contributing to different digital system in different segments, Residential, Small Business, Medium and Large Buildings.

Intermediate

Course ID

BLDNRGBASE0001000



Duration

1 hour

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

PowerTag Energy Sensors: Technical Overview

Course Description

The PowerTag Energy technical training provides the trainee with a deep understanding of the installation of PowerTag Energy sensors within PowerTag System for medium and large building application.

Target Audience

- Sales and Marketing.
- Solution Offer Manager/Application Engineer or in FD and Power Breaker LoB.
- Schneider Electric employee new to Power Solutions metering range.

Prerequisites

- Be familiar with the concepts of Power Monitoring and Energy Management.
- Basics of electrical and communications wiring.

Objectives

- Know how to install PowerTag Energy inside a panel and on the protective devices.
- Understand the wireless communication rules for a successful usage.

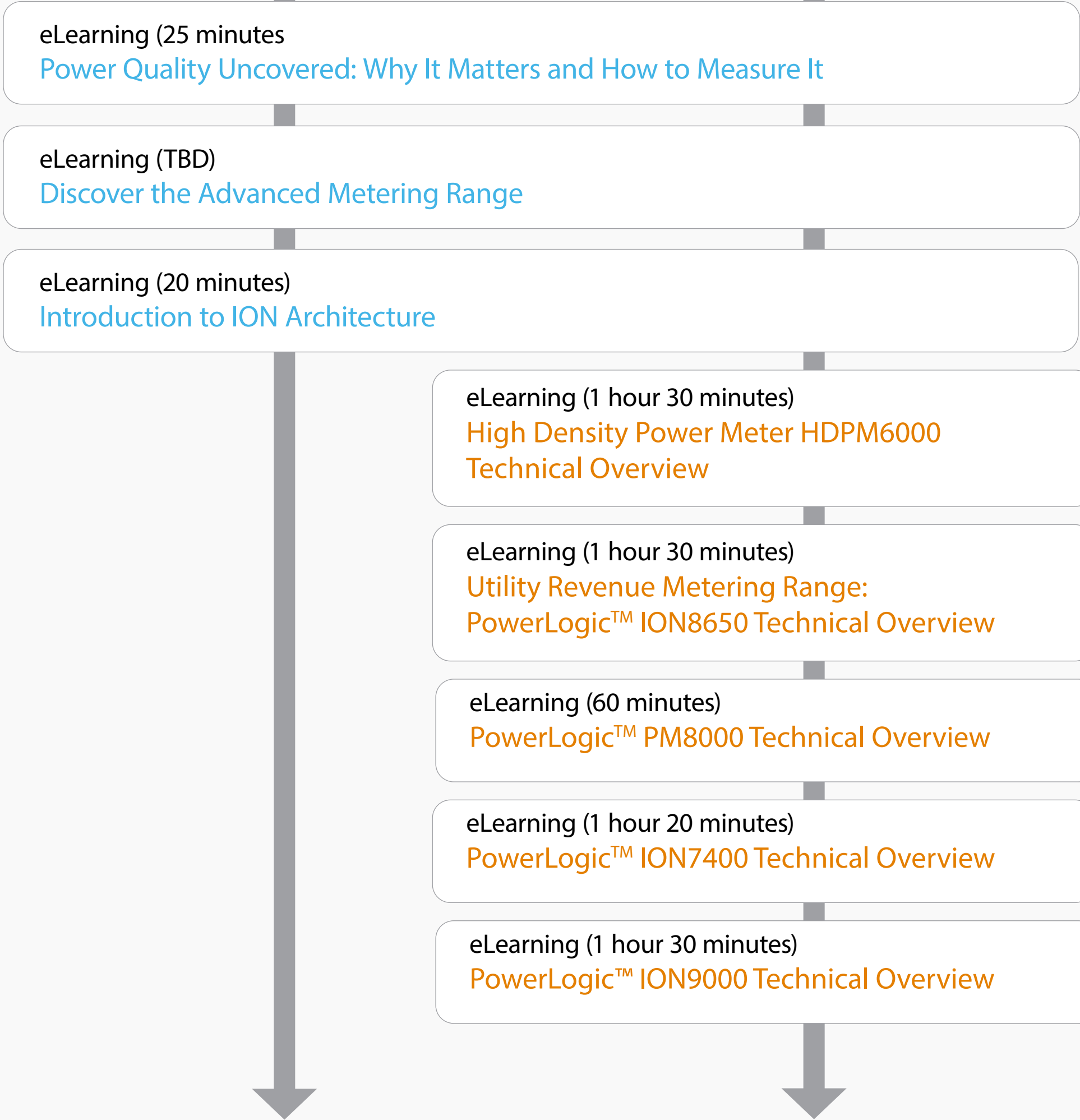
Advanced Power Metering



- Basic
- Intermediate
- Advanced

Commercial

Technical



Basic

Course ID
BLDPRDES0001134

Duration
25 minutes

Registration
Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method
eLearning

Training Contact
EMBDTrainingRequest@se.com

Power Quality Uncovered: Why It Matters and How to Measure It

Course Description
This focused training provides a practical introduction to the world of power quality (PQ) and its critical role in modern electrical systems. Participants will explore what power quality is, why it matters, and how it directly impacts system performance and energy costs.

The course covers:
What is Power Quality – Understanding voltage stability, harmonics, and disturbances
What are Power Quality Meters – Types, features, and how they work
Why Measure Power Quality – Operational, financial, and compliance benefits

Target Audience

- A Schneider Electric employee newly introduced to the Power Solutions metering portfolio.
- Sales and Marketing
- Application Engineer/Product Application Engineer/ System Architecture Engineer.

Prerequisites

- Be familiar with the concepts of Power Monitoring and Energy Management.

Objectives

- Define the key concepts of power quality and explain their relevance to electrical system performance and reliability.
- Describe the importance of measuring power quality and how it supports operational efficiency and customer satisfaction
- Identify the functions and features of power quality meters and their role in monitoring electrical networks.

Basic

Course ID

Coming soon!!!

Duration

TBD

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com



Discover the Advanced Metering Range

Course Description

This course introduces learners to the world of advanced metering, exploring its applications, value proposition, and the full range of solutions available. Designed for professionals in utilities, energy management, and smart infrastructure, this course provides a comprehensive understanding of how advanced metering can drive efficiency, insight, and innovation.

Target Audience

- Application Engineer/Product Application Engineer/System Architecture Engineer.
- Sales and Marketing professionals

Prerequisites

- Basic understanding of utility operations.
- Be familiar with the concepts of Power Monitoring and Energy Management.
- Understanding of key power quality concepts such as voltage sags, harmonics, transients, and power factor, and how these affect electrical systems and equipment.

Objectives

- Describe the role of Schneider Electric’s advanced metering solutions
- Identify key features and benefits of Schneider Electric’s Advanced power and energy meters.
- Position Schneider Electric’s metering range in customer conversations
- Navigate the SE Advanced Metering Portfolio to recommend appropriate solutions based on customer needs

Basic

Course ID

PTRPRDE0001004

Duration

20 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com



Introduction to ION Architecture

Course Description

The Introduction to ION Architecture eLearning module provides students with the resources to successfully understand the background information on ION architecture and its modular structure. An introduction to basic functions will be discussed as well as the different nodes that support the technology.

Target Audience

- Solution Offer Manager/Application Engineer.
- System Integrator/Partner.
- EcoXperts.
- Technical Support L1-L2-L3.

Prerequisites

- Be familiar with the concepts of Power Monitoring and Energy Management.
- Basics of electrical and communications wiring.

Objectives

- Describe ION architecture and it’s modular structure.
- Imagine possible applications and functions.
- List supporting PowerLogic™ hardware and software.

Intermediate

High Density Power Meter HDPM6000
Technical Overview

Course Description

The course provides students with the resources to successfully understand this new range of products. The students will learn about the product main technical characteristics, and how to install and program these meters. Communication and wiring details will be explained. Details on how to configure the devices from the front display and web site will also be covered.

Target Audience

- Application Engineer / Product Application Engineer
- Technical Support engineer L1-L2-L3.
- Field Service Engineer
- System Integrator / Partner

Prerequisites

- Be familiar with the concepts of Power Monitoring and Energy Management.
- Basics of electrical and communications wiring.

Objectives

- Identify the benefits, applications and technical characteristics of HDPM6000.
- Describe the various device models installation and programming procedures.
- Complete the steps to configure the basic and advanced details for meters.
- View and verify the basic and advanced readings using the utility and website.

Intermediate

PowerLogic™ ION8650 Technical Overview

Course Description

The course provides students with the resources to successfully understand this range of products. The students will learn about the product main technical characteristics, and how to install and program these meters. Communication and wiring details will be explained. Details on how to configure the devices from the front display and utility software will also be covered. Basic troubleshooting will be introduced.

Target Audience

- Application Engineer / Product Application Engineer
- Technical Support engineer L1-L2-L3.
- Field Service Engineer
- System Integrator / Partner

Prerequisites

- Be familiar with the concepts of Power Monitoring and Energy Management.
- Basics of electrical and communications wiring.

Objectives

- Identify the benefits, applications and technical characteristics.
- Describe the various device models installation and programming procedures.
- Complete the steps to configure the basic and advanced details for meters.
- View and verify the basic and advanced readings using the utility and application software.



Intermediate

PowerLogic™ PM8000 Technical Overview

Course ID

PTRPRDE0001006



Duration

60 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Course Description

The course provides students with the resources to successfully understand this range of products. The students will learn about the product main technical characteristics, and how to install and program these meters. Communication and wiring details will be explained. Details on how to configure the devices from the front display and utility software will also be covered. Basic troubleshooting will be introduced.

Target Audience

- Application Engineer / Product Application Engineer
- Technical Support engineer L1-L2-L3.
- Field Service Engineer
- System Integrator / Partner

Prerequisites

- Be familiar with the concepts of Power Monitoring and Energy Management.
- Basics of electrical and communications wiring.

Objectives

- Identify the benefits, applications and technical characteristics.
- Describe the various device models installation and programming procedures.
- Complete the steps to configure the basic and advanced details for meters.
- View and verify the basic and advanced readings using the utility and application software.

Intermediate

PowerLogic™ ION7400 Technical Overview

Course ID

BLDPRDC0001001



Duration

1 hour 20 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Course Description

The course provides students with the resources to successfully understand this range of products. The students will learn about the product main technical characteristics, and how to install and program these meters. Communication and wiring details will be explained. Details on how to configure the devices from the front display and utility software will also be covered. Basic troubleshooting will be introduced.

Target Audience

- Application Engineer / Product Application Engineer
- Technical Support engineer L1-L2-L3.
- Field Service Engineer
- System Integrator / Partner

Prerequisites

- Be familiar with the concepts of Power Monitoring and Energy Management.
- Basics of electrical and communications wiring.

Objectives

- Identify the benefits, applications and technical characteristics.
- Describe the various device models installation and programming procedures.
- Complete the steps to configure the basic and advanced details for meters.
- View and verify the basic and advanced readings using the utility and application software.

Intermediate

Course ID

BLDPRDC0001035

Duration

1 hour 30 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

PowerLogic™ ION9000 Technical Overview



Course Description

The course provides students with the resources to successfully understand this range of products. The students will learn about the product main technical characteristics, and how to install and program these meters. Communication and wiring details will be explained. Details on how to configure the devices from the front display and utility software will also be covered. Basic troubleshooting will be introduced.

Target Audience

- Application Engineer / Product Application Engineer
- Technical Support engineer L1-L2-L3.
- Field Service Engineer
- System Integrator / Partner

Prerequisites

- Be familiar with the concepts of Power Monitoring and Energy Management.
- Basics of electrical and communications wiring.

Objectives

- Identify the benefits, applications and technical characteristics of ION9000T.
- Describe the various device models installation and programming procedures.
- Complete the steps to configure the basic and advanced details for meters.
- Configuration of the Cybersecurity and HSTC features.
- View and verify the basic and advanced readings using the utility and application software.



Insulation Monitoring: Vigilohm

- Basic
- Intermediate
- Advanced

Commercial



Technical

eLearning (10 minutes)
Vigilohm Basics: IT Ungrounded Earthing System

eLearning (15 minutes)
Vigilohm Basics: Role and Selection of Insulation Monitoring Devices

eLearning (25 minutes)
Vigilohm: Entry Range Overview

eLearning (40 minutes)
Vigilohm: Healthcare Range Overview and Applications



Basic

Course ID

BLDPRDES0001004

Duration

10 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Vigilohm Basics:
IT Ungrounded Earthing System

Course Description

This eLearning provides the trainee with a general knowledge on what is an ungrounded network (also called IT networks). It is a prerequisite to understand the function of Vigilohm devices, as they are used to monitor the insulation of ungrounded networks.

Target Audience

- Offer manager, specialized sales.
- Product Application Engineers.
- Execution, Technical Support.

Prerequisites

Basic knowledge on LV electrical network architectures.

Objectives

- Understand the advantages and technical constraints of ungrounded networks.
- Understand the consequences of insulation faults for each earthing system.

Basic

Course ID
BLDPRDES0001003

Duration
15 minutes

Registration
Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method
eLearning

Training Contact
EMBDTrainingRequest@se.com



Vigilohm Basics:
Role and Selection of Insulation Monitoring
Devices

Course Description
This eLearning provides the trainee with a general knowledge on what is the role of an Insulation Monitoring device. It explains how to select the appropriate device in 5 steps, based on the installation and the customer needs.

Target Audience
· Sales specialized on Vigilohm.
· Product Application Engineer.
· Technical Support Engineer.

Prerequisites
· Basic knowledge on LV electrical network architectures
· eLearning: Vigilohm Basics – IT Ungrounded Earthing System

Objectives
· Understand the role of an Insulation Monitor and of an Insulation Fault Locator.
· Know how to select the proper Insulation Monitoring Device for a system.

Intermediate

Course ID
BLDPRDES0001018

Duration
25 minutes

Registration
Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method
eLearning

Training Contact
EMBDTrainingRequest@se.com



Vigilohm: Entry Range Overview

Course Description
This eLearning module describes the Insulation Monitoring architectures for electrical IT networks that do not need any automatic fault locator and can be used in small applications with Entry Range offers, such as IM9-OL, IM9, IM10, IM20 and Mobile Fault Locators with XRM devices.

Target Audience
· Offer manager, specialized sales.
· Product Application Engineers.
· Execution, Technical Support.

Prerequisites
· Basic knowledge on LV electrical network architectures.
· Vigilohm Basics eLearnings, as per the learning path.

Objectives
· Understand the architectures with Vigilohm entry range products.
· Understand how the devices should be wired and configured.

Intermediate

Course ID

BLDPRDES0001017



Duration

40 minutes

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Vigilohm: Healthcare Range Overview and Applications

Course Description

This elearning describes the insulation monitoring architectures for healthcare critical rooms. It explains the requirements related to IEC 60364-7-710 standards. It describes the features and architecture with Vigilohm healthcare devices: IM10-H, IM15H, IM20-H, IFL12H, Medical Transformers, Toroids and CTs.

Target Audience

- Offer manager, specialized sales.
- Product Application Engineers.
- Execution, Technical Support.

Prerequisites

- Basic knowledge on LV electrical network architectures
- eLearning: Vigilohm Basics – IT Ungrounded Earthing System.
- eLearning: Vigilohm Basics – Role and Selection of Insulation Monitoring Devices.

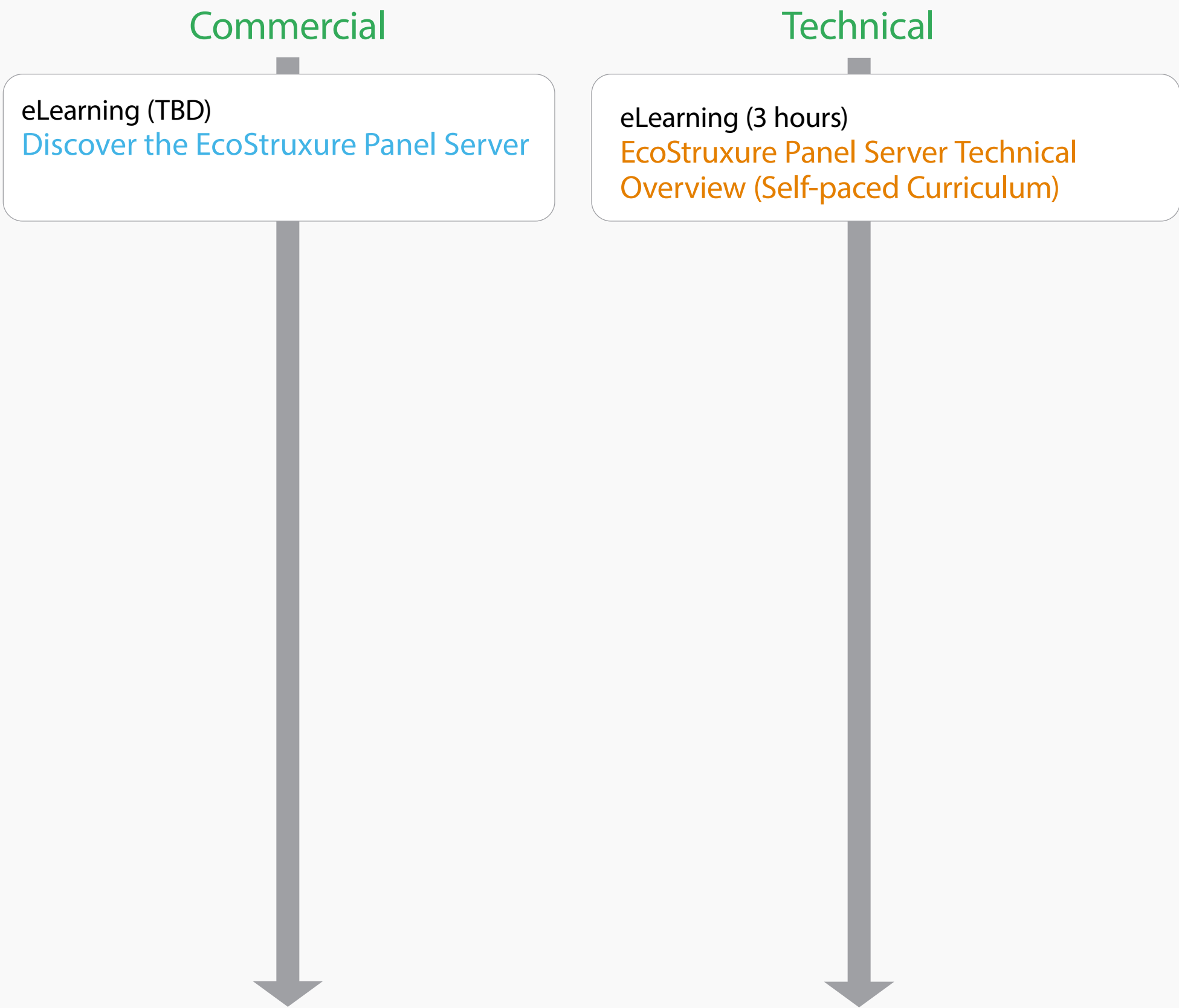
Objectives

- Understand the architectures with Vigilohm basic range products.
- Understand how the devices should be wired and configured.
- Understand how Vigilohm devices are used in Hospital ungrounded network.
- Selection of right device in Hospital IT electrical distribution network.



Gateways & Energy Servers

- Basic
- Intermediate
- Advanced



Basic

Course ID
Coming soon!!!



Duration
TBD

Registration
Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method
eLearning

Training Contact
EMBDTrainingRequest@se.com

Discover the EcoStruxure Panel Server

Course Description
This eLearning course presents the EcoStruxure Panel Server, Schneider Electric’s next-generation IoT gateway for an intelligent power network. It provides a clear understanding of the product’s role within the EcoStruxure architecture and its relevance in today’s evolving energy landscape. The course covers the value proposition, market trends, segments and product range.

Target Audience

- A Schneider Electric employee newly introduced to the Power Solutions metering portfolio.
- Sales and Marketing professionals
- Application Engineer/Product Application Engineer/ System Architecture Engineer.

Prerequisites

- Be familiar with the concepts of Power Monitoring and Energy Management.
- General understanding of operational workflows in commercial or industrial facilities.
- Awareness of organizational goals related to energy efficiency, cost control, or regulatory compliance.

Objectives.

- Understand the positioning of the EcoStruxure Panel Server within Schneider Electric’s energy management ecosystem.
- Recognize key market trends driving demand for connected power distribution solutions.
- Identify relevant customer segments and typical use cases for the Panel Server.
- Gain familiarity with the product range and how it supports business and sustainability goals.



Intermediate

Course ID

BLDECXCS0001035



Duration

3 hours

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

EcoStruxure Panel Server Technical Overview (Self-paced Curriculum)

Course Description

This curriculum provides a technical overview on the EcoStruxure Panel Server from the generalities of the offer to maintenance procedures, it contains 5 chapters:

- Portfolio overview : Key features of Panel Server, models, ranges and substitution with the former portfolio.
- Architectures around Panel Server: Learn about the upstream architectures and downstream devices available for Panel Server.
- First Steps: Setting up Panel Server for the first time, basic configuration and wiring prior to a project deployment.
- Commissioning: Guided tutorials on how to deploy, add, delete and set different type of devices connected to Panel Server.
- Maintenance: Basic troubleshooting using Panel Server webpages.

Target Audience

- Application Engineer / Product Application Engineer
- Technical Support engineer L1-L2-L3
- Field Service Engineer
- System Integrator / Partner

Prerequisites

Basics of electrical and communications wiring.

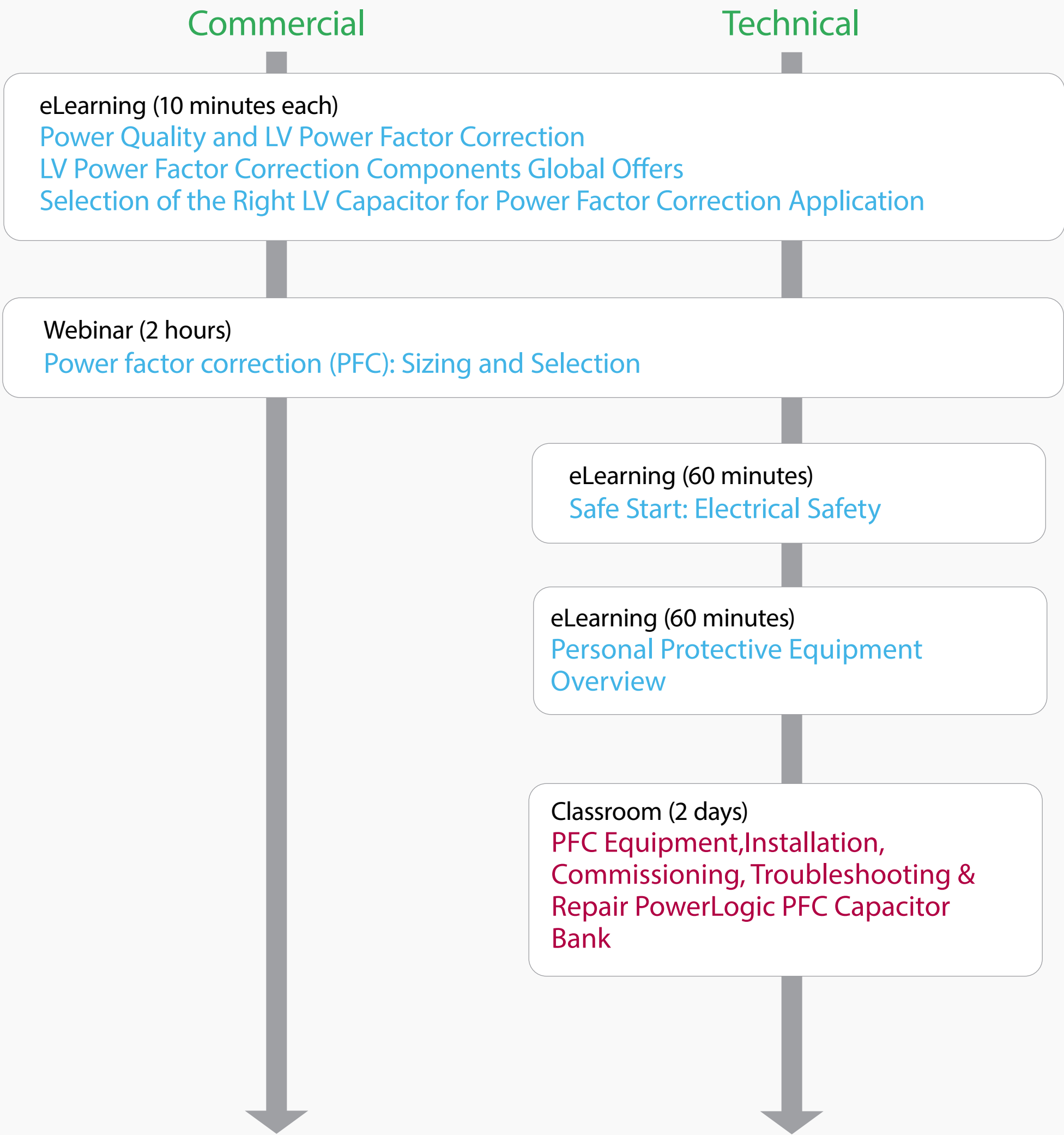
Objectives

- Understand the Ecostruxure Panel Server portfolio with features and accessories available for each type (Entry, Universal, Advanced).
- Differentiate features between the available ranges: Entry, Universal and Advanced.
- Prepare, Commission and Maintain Panel Server.



Power Quality: PowerLogic™ Power Factor Correction

- Basic
- Intermediate
- Advanced



Basic

Course ID
BLDPRDES0001043



Duration
10 minutes

Registration
Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method
eLearning

Training Contact
EMBDTrainingRequest@se.com

Power Quality and LV Power Factor Correction

Course Description
The training is designed to engage participants to understand about fundamentals of Power Quality and LV Power Factor Correction, this course is intended for newcomers, sales and tendering teams that want to acquire the basic information on Power Quality more precisely about Active, Reactive and Apparent Power and how to ensure reliable and consistent power quality.

Target Audience

- Sales and Marketing.
- Solution Application Engineer.
- System Integrator/Partner.
- Services Engineer/Technical Support L1/L2/L3.

Prerequisites
Be familiar with the Basics of Electrical Network.

Objectives
Understand the need for GOOD Power Quality in an Electrical Distribution System



Basic

Course ID

BLDPRDES0001044

Duration

10 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com



LV Power Factor Correction Components (LV Capacitor, Detuned Reactor, PFC Controller) Global Offers

Course Description

This course is intended for newcomers, sales and tendering teams that want to acquire the basic information on LV PFC Components offer overview, value proposition, features, functions, and application.

Target Audience

- Sales and Marketing.
- Solution Application Engineer.
- System Integrator/Partner.
- Services Engineer/Technical Support L1/L2/L3.

Prerequisites

- Be familiar with the Basics of Electrical Network.
- Completed the eLearning Modules: Power Quality and LV Power Factor Correction-Fundamentals (BLDPRDES0001043)

Objectives

- Learn about the customer values and the offer positioning of LV PFC Components.
- Learn about the product benefits, functions and applications.

Basic

Course ID

BLDPRDES0001045

Duration

10 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com



Selection of the Right LV Capacitor for Power Factor Correction Application

Course Description

This module describe the selection of the right LV Capacitor for PFC, this course is intended for newcomers, sales and tendering teams that want to acquire the basic information on the various selection criteria for LV Capacitor.

Target Audience

- Sales and Marketing.
- Solution Application Engineer.
- System Integrator/Partner.
- Services Engineer/Technical Support L1/L2/L3.

Prerequisites

- Be familiar with the Basics of Electrical Network.
- Completed the eLearning Modules: Power Quality and LV Power Factor Correction-Fundamentals(BLDPRDES0001043); LV Power Factor Correction components (LV Capacitor, Detuned Reactor, PFC Controller) Global Offers(BLDPRDES0001044)

Objectives

- Learn about the different standards when selecting the right LV Capacitor.
- Test your knowledge on the subject with a quiz.



Basic

Course ID

BLDPRDWS0001005



Duration

2 hour

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Webinar

Training Contact

EMBDTrainingRequest@se.com

Power factor correction (PFC): Sizing and Selection

Course Description

This course provides students with the resources to successfully understand the basic principles of how to size a Power Factor capacitor solution using the Schneider PFC components. Students will be able to calculate the site requirements to achieve desired power factor for the customer’s system.

Target Audience

- Sales and Marketing.
- Partners/FSR/Tech Support/ PAE.

Prerequisites

Basic of electrical and power and energy management

Objectives

- Introduce the PFC Solution to the customer.
- Understand the various options as per site situation and propose the Solution.
- Know the Steps/Method to calculate the PFC bank as per site requirement
- Educate the customer on the how to estimate the pf requirement.
- Understand the challenges in achieving the expected pf.

Basic

Course ID

GSCH&SE0001012



Duration

60 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Safe Start: Electrical Safety Safe Start: Electrical Safety

Course Description

Schneider Electric employee hosts this eLearning program which features fellow employees sharing their experiences related to electrical safety. By listening to their Safe Start stories the viewer will learn how Safe Start principles can be used to prevent electrical related incidents. The program not only explains basic safety practices related to electricity it also provides a review of important Safe Start principles

Target Audience

- Application Engineer / Product Application Engineer
- Technical Support engineer L1-L2-L3.
- Field Service Engineer
- System Integrator / Partner

Prerequisites

Be familiar with the concepts on Basics of Electrical Network.

Objectives

Understand the Hazards at Electrical Installation sites and to keep yourself safe by wearing personal protective equipment, commonly known as PPE and how you can protect yourself and reduce your chances of getting hurt – or even death.

Basic

Course ID

GSCH&SE0001009

Duration

60 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com



Personal Protective Equipment Overview

Course Description

The training is designed to engage participants to understand about Electrical hazards: risk situations, introduction to electrical safety, risks in facilities with electricity, additional risks, technical risk analysis, accidents by electrical origin, control measures. Workplaces can be very dangerous and unpredictable places with loud noises, falling objects, flying sparks, toxic chemicals, whirling blades and belts, you name it.

So what’s one way to keep yourself safe? By wearing personal protective equipment, commonly known as PPE, you can protect yourself against hazards and reduce your chances of getting hurt – or even killed.

Target Audience

- Application Engineer / Product Application Engineer
- Technical Support engineer L1-L2-L3.
- Field Service Engineer
- System Integrator / Partner

Prerequisites

Be familiar with the concepts on Basics of Electrical Network.

Objectives

Establish minimum requirements and aiming the implementation of control measures and prevention systems, in order to ensure the safety and health of workers who directly or indirectly interact with electrical installations and services with electricity.

Advanced

Course ID

PTRCROI0001004

Duration

2 days

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Classroom/Virtual Classroom

Training Contact

EMBDTrainingRequest@se.com



Advanced Power Factor Correction: Equipment, Installation, Commissioning, Troubleshooting and Repair PowerLogic PFC Capacitor Bank

Course Description

The course describes and explains the various critical components in the Equipment.

The wiring and SLD for the site needs to be understood for having a successful installation of the Equipment. Basic Trouble shooting resolutions are discussed.

Target Audience

- Application Engineer / Product Application Engineer
- Technical Support engineer L1-L2-L3.
- Field Service Engineer
- System Integrator / Partner

Prerequisites

- Be familiar with the concepts of Basics of Electrical Network.
- Be familiar with power factor, harmonics and concepts of Power Quality.

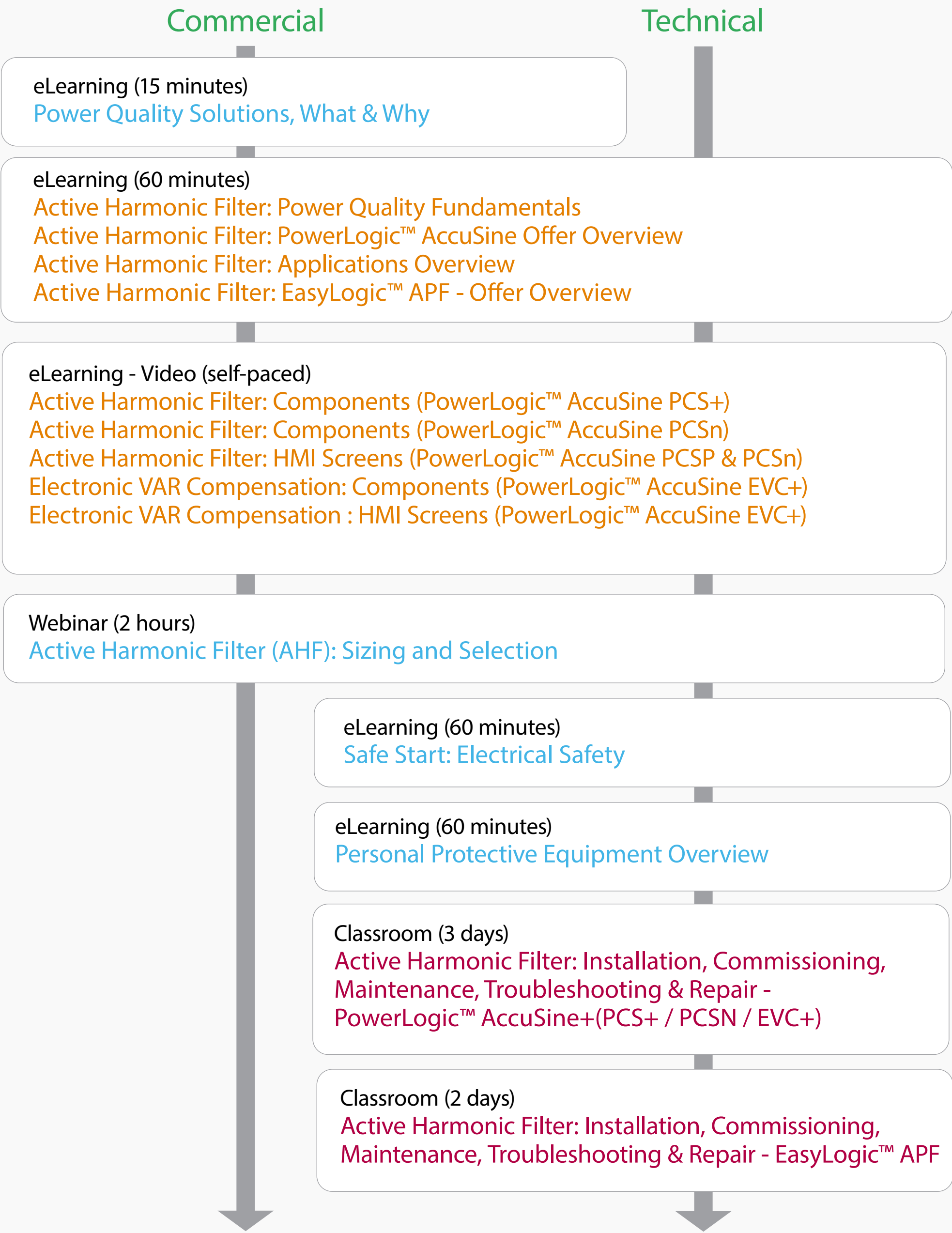
Objectives

- Identify the important components
- t Identify the important components in the panel and its importance for proper working of the Equipment.
- Understand the wiring scheme of the Equipment for the PFC Solutions.
- Understand and follow the defined procedure for installation and commissioning of the Equipment at the customer site
- Learn how to maintain the Equipment
- Resolve basic trouble shooting

Power Quality: PowerLogic™ Active Harmonic Filter



- Basic
- Intermediate
- Advanced



Basic

Course ID
BLDPRDNS0001006

Duration
15 minutes

Registration
Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method
eLearning

Training Contact
EMBDTrainingRequest@se.com

Power Quality Solutions, What & Why

Course Description
The training is designed to engage participants to understand about Power Quality related to the Voltage fluctuations and Distortions, this course is intended for newcomers, sales and tendering teams that want to acquire the basic information on Power Quality more precisely about major reasons and impacts of voltage disturbance incidents. It also describes how to ensure reliable and consistent power quality using the Solutions available in SE portfolio.

Target Audience

- Sales and Marketing.
- Solution Application Engineer.
- System Integrator/Partner.
- Services Engineer/Technical Support L1/L2/L3.

Prerequisites
Be familiar with the Basics of Electrical Network.

Objectives
Understand the need for GOOD Power Quality in an Electrical Distribution System



Intermediate

Active Harmonic Filter: Power Quality Fundamentals

Course ID

BLDSERE0001000

Duration

15 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com



Course Description

The training is designed to engage participants to understand about Basic Power Quality in Electrical Distribution system. Universal standards and measurements applicable for the Harmonics. Realize the Harmonic issues due to mix of Linear and non-Linear loads in facilities.

Target Audience

- Sales and Marketing.
- Solution Application Engineer.
- System Integrator/Partner.
- Services Engineer/Technical Support L1/L2/L3.

Prerequisites

Be familiar with the Basics of Electrical Network.

Objectives

- Understand various PowerLogic™ AccuSine Solutions available in the Schneider Electric.
- Identify the correct type of equipment to mitigate PQ issues as per the relevant Standards for mitigation.
- Co-relate the various segments and relevant Solutions optimum for them.

Intermediate

Active Harmonic Filter: PowerLogic™ AccuSine Offer Overview

Course Description

The training is designed to engage participants to understand about PowerLogic™ AccuSine range of Active Harmonic Filter (AHF) From Schneider Electric.

Knowledge of the various Solutions and models suitable for Harmonics and other related PQ issues.

Target Audience

- Application Engineer / Product Application Engineer
- Technical Support engineer L1-L2-L3.
- Field Service Engineer
- System Integrator / Partner

Prerequisites

- Be familiar with the Basics of Electrical Network.
- Completed the AHF eLearning Module: Active Harmonic Filter: Power Quality Fundamentals

Objectives

- Understand various PowerLogic™ AccuSine Solutions available in Schneider Electric.
- Identify the correct type of equipment to mitigate PQ issues as per the relevant Standards for mitigation.
- Co-relate the various segments and relevant Solutions optimum for them.



Course ID

BLDPRDE0001117

Duration

15 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Intermediate

Active Harmonic Filter: Applications Overview

Course ID

BLDSERE0001001

Duration

15 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com



Course Description

The training is designed to engage participants to understand about the various Applications for PowerLogic™ AccuSine range of Active Harmonic Filter (AHF) to improve the Power Quality in the Electrical system. Knowledge of the various types of architectures with the Solutions and models used to mitigate the PQ issues.

Target Audience

- Application Engineer / Product Application Engineer
- Technical Support engineer L1-L2-L3.
- Field Service Engineer
- System Integrator / Partner

Prerequisites

- Be familiar with the Basics of Electrical Network.
- Completed the AHF eLearning Modules: Active Harmonic Filter: Power Quality Fundamentals and Active Harmonic Filter: PowerLogic™ AccuSine Offer Overview

Objectives

- Understand various Applications for PowerLogic™ AccuSine Solutions.
- Know the correct type of equipment used to mitigate PQ issues as per the relevant Standards for mitigation.
- Co-relate the various segments and relevant Active Harmonic Filters Solution implemented.

Intermediate

Active Harmonic Filter: EasyLogic™ APF - Offer Overview

Course ID

BLDPRDDS0001194

Duration

15 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning (Video)

Training Contact

EMBDTrainingRequest@se.com



Course Description

The training is designed to engage participants to understand about EasyLogic™ APF range of Active Harmonic Filter (AHF) From Schneider Electric. Knowledge of the various Solutions and models suitable for Harmonics and other related PQ issues.

Target Audience

- Sales and Marketing.
- Solution Application Engineer.
- System Integrator/Partner.
- Services Engineer/Technical Support L1/L2/L3.

Prerequisites

- Be familiar with the Basics of Electrical Network.
- Completed the AHF eLearning Modules: Active Harmonic Filter: Power Quality Fundamentals(BLDSERE0001000)

Objectives

- Identify the models of EasyLogic™ APF with reference to the capacity and understand their applications.

Intermediate

Course ID

BLDPRDDS0001149

Duration

5 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com



Active Harmonic Filter: Components
(PowerLogic™ AccuSine PCS+)

Course Description

This module describe the various critical components in the PowerLogic™ AccuSine (PCS+) equipment. Further, the power and control wiring termination locations are highlighted for the site installation needs. There is a follow up video on HMI menus review for further explanation, that will help complete the information on use of the step-by-step commissioning protocol.

Target Audience

- Sales and Marketing.
- Solution Application Engineer.
- System Integrator/Partner.
- Services Engineer/Technical Support L1/L2/L3.

Prerequisites

- Be familiar with the Basics of Electrical Network.
- Completed the AHF eLearning Modules:
Active Harmonic Filter: Power Quality Fundamentals(BLDSERE0001000), Active Harmonic Filter: PowerLogic™ AccuSine Offer Overview (BLDPRDE0001117) and Active Harmonic Filter: Applications Overview (BLDSERE0001001

Objectives

- Identify the important components of PowerLogic™ AccuSine (PCS+) and understand their functions in the equipment.
- Identify the power and control wiring termination locations.

Intermediate

Course ID

BLDPRDDS0001151

Duration

5 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning (Video)

Training Contact

EMBDTrainingRequest@se.com



Active Harmonic Filter: Components
(PowerLogic™ AccuSine PCSn)

Course Description

This module describe the various critical components in the PowerLogic™ AccuSine (PCSn) equipment. Further, the power and control wiring termination locations are highlighted for the site installation needs. There is a follow up video on HMI menus review for further explanation, that will help complete the information on use of the step-by-step commissioning protocol.

Target Audience

- Sales and Marketing.
- Solution Application Engineer.
- System Integrator/Partner.
- Services Engineer/Technical Support L1/L2/L3.

Prerequisites

- Be familiar with the Basics of Electrical Network.
- Completed the AHF eLearning Modules:
Active Harmonic Filter: Power Quality Fundamentals(BLDSERE0001000), Active Harmonic Filter: PowerLogic™ AccuSine Offer Overview (BLDPRDE0001117) and Active Harmonic Filter: Applications Overview (BLDSERE0001001

Objectives

- Identify the important components of PowerLogic™ AccuSine (PCSn) and understand their functions in the equipment.
- Identify the power and control wiring termination locations.

Intermediate

Course ID

BLDPRDDS0001150

Duration

20 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning (Videos)

Training Contact

EMBDTrainingRequest@se.com



Active Harmonic Filter: HMI Screens
(PowerLogic™ AccuSine PCSP & PCSn)

Course Description

This module describe the PowerLogic™ AccuSine (PCSP & PCSn) Human Machine Interface (HMI) screens. The HMI menus are reviewed and clearly explained, to help the user on the step-by-step commissioning protocol. The follow-up video on the review of internal Components Identification and their functions is also critical in understanding these product in detail.

Target Audience

- Sales and Marketing.
- Solution Application Engineer.
- System Integrator/Partner.
- Services Engineer/Technical Support L1/L2/L3.

Prerequisites

- Be familiar with the Basics of Electrical Network.
- Completed the AHF eLearning Modules: Active Harmonic Filter: Power Quality Fundamentals(BLDSERE0001000), Active Harmonic Filter: PowerLogic™ AccuSine Offer Overview (BLDPRDE0001117) and Active Harmonic Filter: Applications Overview (BLDSERE0001001)

Objectives

- Understand and learn to use the PowerLogic™ AccuSine touch screen display (HMI).
- Learn to use the PowerLogic™ AccuSine (PCSP & PCSn) step-by-step commissioning protocol.

Intermediate

Course ID

BLDPRDDS0001193

Duration

5 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning (Video)

Training Contact

EMBDTrainingRequest@se.com



Electronic VAR Compensation: Technical
Overview- Components (PowerLogic™
AccuSine EVC+)

Course Description

This module describe the various critical components in the PowerLogic™ AccuSine (EVC+) equipment. Further, the power and control wiring termination locations are highlighted for the site installation needs. There is a follow up video on HMI menus review for further explanation, that will help complete the information on use of the step-by-step commissioning proto

Target Audience

- Sales and Marketing.
- Solution Application Engineer.
- System Integrator/Partner.
- Services Engineer/Technical Support L1/L2/L3.

Prerequisites

- Be familiar with the Basics of Electrical Network.
- Completed the AHF eLearning Modules: Active Harmonic Filter: Power Quality Fundamentals(BLDSERE0001000)

Objectives

- Identify the important components of PowerLogic™ AccuSine (EVC+) and understand their functions in the equipment.
- Identify the power and control wiring termination locations.

Intermediate

Course ID
BLDPRDDS0001180



Duration
15 minutes

Registration
Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method
eLearning (Videos)

Training Contact
EMBDTrainingRequest@se.com

Electronic VAR Compensation : Technical Overview – HMI Screens PowerLogic™ AccuSine EVC+)

Course Description
This module describe the PowerLogic™ AccuSine (EVC+) Human Machine Interface (HMI) screens. The HMI menus are reviewed and clearly explained, to help the user on the step-by-step commissioning protocol. The follow-up video on the review of internal Components Identification and their functions is also critical in understanding this product in detail.

- Target Audience**
- Sales and Marketing.
 - Solution Application Engineer.
 - System Integrator/Partner.
 - Services Engineer/Technical Support L1/L2/L3.

- Prerequisites**
- Be familiar with the Basics of Electrical Network.
 - Completed the AHF eLearning Modules: Active Harmonic Filter: Power Quality Fundamentals(BLDSERE0001000)

- Objectives**
- Understand and learn to use the PowerLogic™ AccuSine EVC+ touch screen display (HMI).
 - Learn to use the PowerLogic™ AccuSine (EVC+) step-by-step commissioning protocol.

Basic

Course ID
BLDPRDES0001114



Duration
2 hour

Registration
Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method
Webinar

Training Contact
EMBDTrainingRequest@se.com

Active Harmonic Filter (AHF): Sizing and Selection

Course Description
This course provides students with the resources to successfully understand the basic principles of how to size a Harmonic Mitigation solution using the Schneider AHF components. Students will be able to calculate the site requirements to achieve desired power factor for the customer’s system.

- Target Audience**
- Sales and Marketing.
 - Partners/FSR/Tech Support/ PAE

Prerequisites
Basic of electrical and power and energy management

- Objectives**
- Introduce the AHF Solution to the customer
 - Understand the various options as per site situation and propose the Solution
 - Know the Steps/Method to calculate the AHF correction required as per site.
 - Educate the customer on the how to estimate the pf requirement.
 - Understand the challenges in achieving the expected pf.

Basic

Course ID

GSCH&SE0001012



Duration

60 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Safe Start: Electrical Safety

Course Description

Schneider Electric employee hosts this eLearning program which features fellow employees sharing their experiences related to electrical safety. By listening to their Safe Start stories the viewer will learn how Safe Start principles can be used to prevent electrical related incidents. The program not only explains basic safety practices related to electricity it also provides a review of important Safe Start principles

Target Audience

- Application Engineer / Product Application Engineer
- Technical Support engineer L1-L2-L3.
- Field Service Engineer
- System Integrator / Partner

Prerequisites

Be familiar with the concepts on Basics of Electrical Network.

Objectives

Understand the Hazards at Electrical Installation sites and to keep yourself safe by wearing personal protective equipment, commonly known as PPE and how you can protect yourself and reduce your chances of getting hurt – or even death.

Basic

Course ID

GSCH&SE0001009



Duration

60 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Personal Protective Equipment Overview

Course Description

The training is designed to engage participants to understand about Electrical hazards: risk situations, introduction to electrical safety, risks in facilities with electricity, additional risks, technical risk analysis, accidents by electrical origin, control measures. Workplaces can be very dangerous and unpredictable places with loud noises, falling objects, flying sparks, toxic chemicals, whirling blades and belts, you name it.

So what's one way to keep yourself safe? By wearing personal protective equipment, commonly known as PPE, you can protect yourself against hazards and reduce your chances of getting hurt – or even killed.

Target Audience

- Application Engineer / Product Application Engineer
- Technical Support engineer L1-L2-L3.
- Field Service Engineer
- System Integrator / Partner

Prerequisites

Be familiar with the concepts on Basics of Electrical Network.

Objectives

Establish minimum requirements and aiming the implementation of control measures and prevention systems, in order to ensure the safety and health of workers who directly or indirectly interact with electrical installations and services with electricity.

Advanced

Course ID

PTRSERI0001000



Duration

3 days



Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

Classroom

Training Contact

EMBDTrainingRequest@se.com

Active Harmonic Filter: Installation, Commissioning, Maintenance, Troubleshooting & Repair (PowerLogic™ AccuSine PCS+ / PCSN / EVC+)

Course Description

The course describes and explains the various critical components in the PowerLogic™ AccuSine PCSP / PCSN / EVC+ Equipment. The wiring and SLD for the site needs to be understood for having a successful installation of the Equipment. Maintenance activity and Basic trouble shooting resolutions are discussed.

Target Audience

- Technical Support engineer L1-L2-L3.
- Field Service Engineer
- System Integrator / Partner

Prerequisites

- Be familiar with the Basics of Electrical Network.
- Completed the AHF eLearning Modules:
 - AHF: Technical Overview – Components(PCS+)
 - AHF: Technical Overview – HMI Screens (PCS+)
 - AHF: Technical Overview – Components (PCSn)
 - AHF: Technical Overview – HMI Screens (PCSn)
 - Electronic VAR Compensation: Components (EVC+)
 - Electronic VAR Compensation : HMI Screens (EVC+)

Objectives

- Identify the important components in the AHF panel and its utility for the working of the Equipment.
- Understand wiring schemes for PowerLogic™ AccuSine PCSP/ PCSN/EVC+ Filter Solutions.
- Understand and follow the defined procedure of installation and commissioning of the Equipment.
- Understand the Maintenance activities to be performed for better performance and enjoy full life of the equipment.
- Resolve issues by performing basic troubleshooting for the PowerLogic™ AccuSine Equipment.
- Resolve issues by performing basic troubleshooting for the PowerLogic™ AccuSine Equipment.

Advanced

Course ID

BLDPRDIS0001006



Duration

2 days



Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

Classroom

Training Contact

EMBDTrainingRequest@se.com

Active Harmonic Filter: Installation, Commissioning, Maintenance, Troubleshooting & Repair (EasyLogic™ APF)

Course Description

The course describes and explains the various critical components in the EasyLogic™ APF Equipment. The wiring and SLD for the site needs to be understood for having a successful installation of the Equipment. Maintenance activity and Basic trouble shooting resolutions are discussed.

Target Audience

- Application Engineer / Product Application Engineer
- Technical Support engineer L1-L2-L3.
- Field Service Engineer
- System Integrator / Partner

Prerequisites

- Be familiar with the Basics of Electrical Network.
- Completed the AHF eLearning Modules: Active Harmonic Filter: Power Quality Fundamentals(BLDSERE0001000)

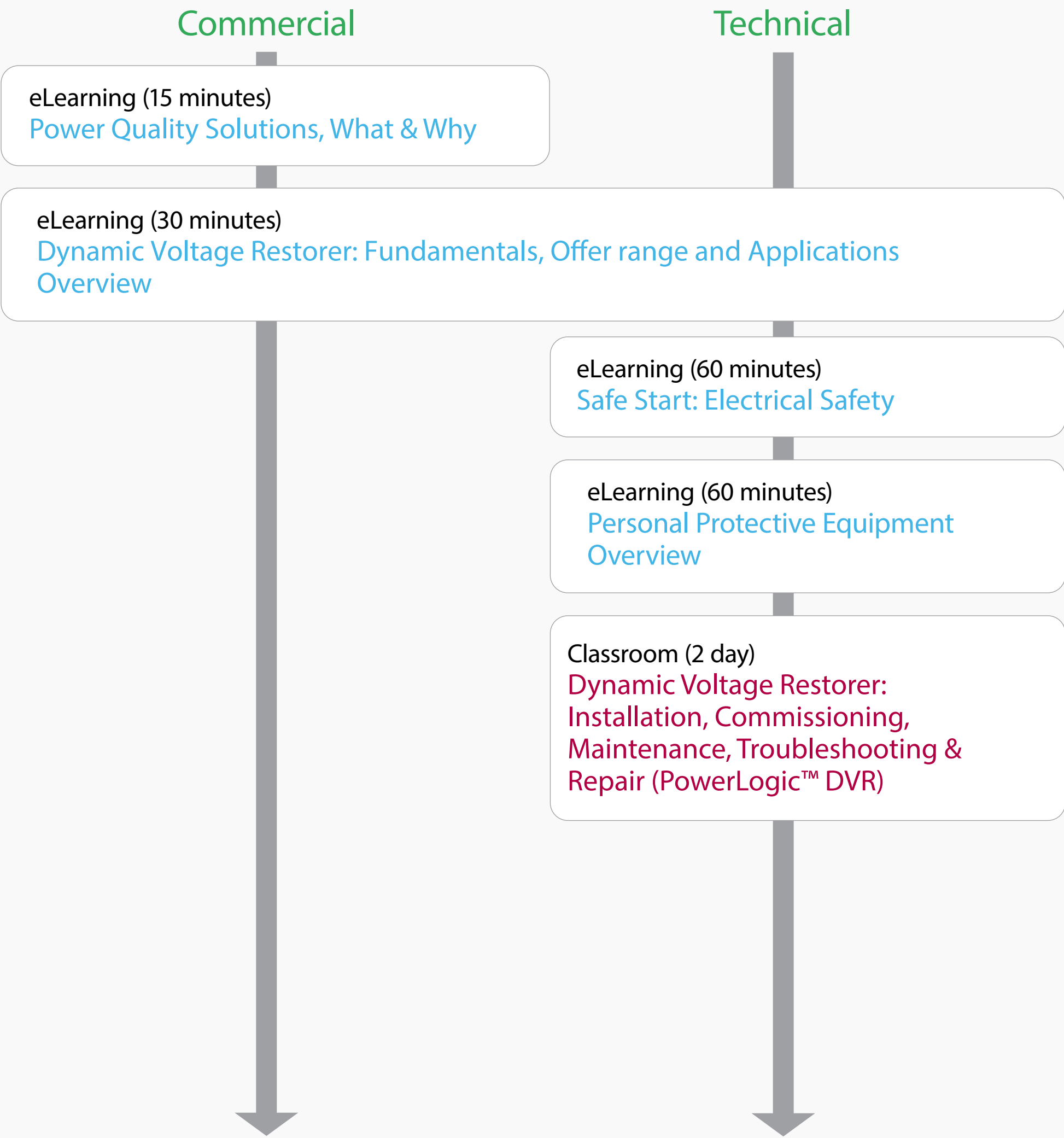
Objectives

- Identify the important components in the AHF panel and its utility for the working of the Equipment.
- Understand wiring schemes for EasyLogic™ APF Filter Equipment Solutions.
- Understand and follow the defined procedure of installation and commissioning of the Equipment.
- Understand the Maintenance activities to be performed for better performance and enjoy full life of the equipment.
- Resolve issues by performing basic troubleshooting for the EasyLogic™ APF Equipment.



Power Quality: PowerLogic™ Dynamic Voltage Restorer

- Basic
- Intermediate
- Advanced



Basic

Course ID
BLDPRDNS0001006

Duration
15 minutes

Registration
Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method
eLearning

Training Contact
EMBDTrainingRequest@se.com

Power Quality Solutions, What & Why

Course Description
The training is designed to engage participants to understand about Power Quality related to the Voltage fluctuations and Distortions, this course is intended for newcomers, sales and tendering teams that want to acquire the basic information on Power Quality more precisely about major reasons and impacts of voltage disturbance incidents. It also describes how to ensure reliable and consistent power quality using the Solutions available in SE portfolio.

Target Audience

- Sales and Marketing.
- Solution Application Engineer.
- System Integrator/Partner.
- Services Engineer/Technical Support L1/L2/L3.

Prerequisites
Be familiar with the Basics of Electrical Network.

Objectives
Understand the need for GOOD Power Quality in an Electrical Distribution System

Basic

Course ID

Coming Soon

Duration

10 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com



Dynamic Voltage Restorer: Fundamentals,
Offer range and Applications Overview

Course Description

The training is designed to engage participants to understand about Voltage disturbance in Electrical Distribution system. Universal standards and measurements applicable for the Voltage disturbance.

This will help the participants to understand about PowerLogic™ Dynamic Voltage Restorer (DVR) range from Schneider Electric Solution with models suitable for various Voltage related issues. Evaluate various types of architectures with the Solutions and models for Voltage disturbance issues.

Target Audience

- Sales and Marketing.
- Solution Application Engineer.
- System Integrator/Partner.
- Services Engineer/Technical Support L1/L2/L3.

Prerequisites

Be familiar with the Basics of Electrical Network.

Objectives

- Understand various PowerLogic™ DVR Solutions available in the Schneider Electric.
- Identify the correct type of equipment to mitigate Voltage Disturbance issues as per the relevant Standards for mitigation.
- Co-relate the various segments and relevant DVR Solution implemented.

Basic

Course ID

GSCH&SE0001012

Duration

60 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com



Safe Start: Electrical Safety

Course Description

Schneider Electric employee hosts this eLearning program which features fellow employees sharing their experiences related to electrical safety. By listening to their Safe Start stories the viewer will learn how Safe Start principles can be used to prevent electrical related incidents. The program not only explains basic safety practices related to electricity it also provides a review of important Safe Start principles

Target Audience

- Application Engineer / Product Application Engineer
- Technical Support engineer L1-L2-L3.
- Field Service Engineer
- System Integrator / Partner

Prerequisites

Be familiar with the concepts on Basics of Electrical Network.

Objectives

Understand the Hazards at Electrical Installation sites and to keep yourself safe by wearing personal protective equipment, commonly known as PPE and how you can protect yourself and reduce your chances of getting hurt – or even death.

Basic

Personal Protective Equipment Overview

Course ID

GSCH&SE0001009



Duration

60 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Course Description

The training is designed to engage participants to understand about Electrical hazards: risk situations, introduction to electrical safety, risks in facilities with electricity, additional risks, technical risk analysis, accidents by electrical origin, control measures. Workplaces can be very dangerous and unpredictable places with loud noises, falling objects, flying sparks, toxic chemicals, whirling blades and belts, you name it.

So what's one way to keep yourself safe? By wearing personal protective equipment, commonly known as PPE, you can protect yourself against hazards and reduce your chances of getting hurt – or even killed.

Target Audience

- Application Engineer / Product Application Engineer
- Technical Support engineer L1-L2-L3.
- Field Service Engineer
- System Integrator / Partner

Prerequisites

Be familiar with the concepts on Basics of Electrical Network.

Objectives

Establish minimum requirements and aiming the implementation of control measures and prevention systems, in order to ensure the safety and health of workers who directly or indirectly interact with electrical installations and services with electricity.

Advanced

Course ID

ERGNRGV0001013



Duration

3 days



Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Classroom/Virtual Classroom

Training Contact

EMBDTrainingRequest@se.com

Dynamic Voltage Restorer: Installation, Commissioning, Maintenance, Troubleshooting & Repair (PowerLogic™ DVR)

Course Description

The course describes and explains the various critical components in the PowerLogic™ DVR Equipment. The wiring and SLD for the site needs to be understood for having a successful installation of the Equipment. Maintenance activity and Basic trouble shooting resolutions are discussed.

Target Audience

- Application Engineer / Product Application Engineer
- Technical Support engineer L1-L2-L3.
- Field Service Engineer
- System Integrator / Partner

Prerequisites

- Be familiar with the Basics of Electrical Network.
- Completed the DVR eLearning Module: Dynamic Voltage Restorer: Fundamentals, Offer range and Applications Overview (xxxxxxx) with Safe Start: Electrical Safety (GSCH&SE0001012) and Personal Protective Equipment Overview (GSCH&SE0001009)

Objectives

- Identify the important components in the DVR panel and their function for proper working of the Equipment.
- Understand wiring scheme for PowerLogic™ DVR Equipment for the various Solutions.
- Understand and follow the defined procedure of installation and commissioning of the Equipment for the customer.
- Understand the Maintenance activities to be performed for better performance and have the full life of the equipment.
- Resolve issues by basic trouble shooting for the PowerLogic™ DVR Equipment.



Fundamentals of Electrical Protection & IEC 61850 Communication

- Basic
- Intermediate
- Advanced

Technical

eLearning (30 minutes)
What is Protection Against Electrical Faults

eLearning (40 minutes)
Different Types of Protection Against Electrical Faults

Video (1.5 hours)
Discover Basic Command & Control Features

eLearning (45minutes)
Discover Overcurrent Protection and Coordination

Video (1 hour 20 minutes)
Introduction to Principles of Motor Protection

Video (1 hour 15 minutes)
Discover Basic Generator Protection

eLearning (51 minutes)
Introduction to Transformer Protection Basics

Video (30 minutes)
Discover Basic Line Differential Protection

Video (60 minutes)
Introduction to Distance Protection

Video (30 minutes)
Discover Basic Busbar Protection

Technical

Video (1 hour 30 minutes)
Discover Advanced Command & Control Features

Video (1 hour 7 minutes)
Overcurrent Protection and Coordination Case Study

Video (1.5 hours)
Discover Advanced Generator Protection

Video (1.5 hours)
Discover Advanced Transformer Protection

Video (1.5 hours)
Discover Advanced Distance Protection

Video (30 minutes)
Discover High Impedance Busbar Protection

Video (45 minutes)
Discover Low Impedance Busbar Protection

Video (1 hour 22 minutes)
Introduction to Railway Protection

Video (60 minutes)
Basic Principles of IEC61850

Video (50 minutes)
IEC 61850 Top Down Engineering Process

- Basic
- Intermediate
- Advanced

Technical

eLearning (15 minutes)
Introduction to Ethernet Networks

eLearning (15 minutes)
Introduction to IEC 61850

eLearning (30 minutes)
Digital Substation and Process Bus concept Introduction

Video (45 minutes)
IEC 61850 Redundancy with HSR (High-availability Seamless Redundancy):
PRP (Parallel Redundancy Protocol) and RSTP (Rapid Spanning Tree Protocol)

Classroom (5 days)
Digital Substation and Process Bus: Hands-On Technical Training



Basic

Course ID

ERGNRGE0001022

Duration

30 min

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

What is protection against electrical fault

Course Description

This eLearning gives students an understanding of electrical faults and the principles about protection, both in homes and in distribution networks. The course describes the operation of a fuse and a protection relay.

Target Audience

- Offer Manager/Product Application Engineer/ Solution expert
- System Integrator/Partner
- EcoXperts
- Technical Support L1-L2-L3

Prerequisites

None

Objectives

- Get introduced to electrical quantities
- Differentiate how an electrical fault occur
- Explore fuse and protection relay functions basics

Basic

Course ID

ERGNRGE0001023



Duration

40 min

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Different Types of Protection Against Electrical Fault

Course Description

This eLearning gives students an overview of different type of electrical protection philosophies and principles.

Target Audience

- Offer Manager/Product Application Engineer/ Solution expert
- System Integrator/Partner
- EcoXperts
- Technical Support L1-L2-L3

Prerequisites

None

Objectives

- Identify current and voltage transformer application.
- Differentiate over current and earth fault protection.
- Differentiate application-based protection like motor, generator, transformer, transmission line, busbar and arc fault.

Basic

Course ID

ENGPRDES0001001



Duration

1.5 hours

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Methods

Video

Training Contact

EMBDTrainingRequest@se.com

Discover Basic Command and Control Features

Course Description

This course gives students an understanding on how grids are structured, which switchgear components are used, how switchgear components are monitored and controlled. It also provides an idea on how protection is achieved and how its controls can be executed.

Target Audience

- Offer Manager/Product Application Engineer/ Solution expert
- System Integrator/Partner
- EcoXperts
- Technical Support L1-L2-L3

Prerequisites

None

Objectives

- Explore electrical grid structure, type of switching devices, substation switchgear solutions, monitoring and controlling functions of switch gear & bay control.
- Learn how protection and switch gear control can be achieved.

Intermediate

Course ID

BLDPRDCS0001010



Duration

1 hour 20 min

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Discover Overcurrent Protection and Coordination

Course Description

This explains in detail about the principles of the overcurrent protection and relay coordination. It's types, operation and how it's measured are explained in detail.

Target Audience

- Offer Manager/Product Application Engineer/ Solution expert
- System Integrator/Partner
- EcoXperts
- Technical Support L1-L2-L3

Prerequisites

- Completed ENGPRDES0001001, ERGNRGE0001022, ERGNRGE0001023 or
- Have basic idea on electrical protection and its components

Objectives

- Differentiate phase and ground over current, Directional over current, Phase and ground short circuit current protections
- Discuss selectivity and co-ordination principles employed in protection schemes

Intermediate

Course ID

ERGPRDE0001007



Duration

1 hour 20 min

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

Introduction to Principles of Motor Protection

Course Description

This course gives an insight on different types of motor, working principles and the protection required to safeguard the motor against electrical and mechanical fault.

Target Audience

- Offer Manager/Product Application Engineer/ Solution expert
- System Integrator/Partner
- EcoXperts
- Technical Support L1-L2-L3

Prerequisites

- Completed ENGPRDES0001001, ERGNRGE0001022, ERGNRGE0001023 or
- Have basic idea on electrical protection and its components

Objectives

- Differentiate different types of motors
- Outline Starting methods of motor
- Outline the protection philosophies to be implemented to protect motor against fault due to system, load and mechanical damage.

Intermediate

Discover Basic Generator Protection

Course Description

This course gives an insight on different types of generator, working principles and the protection required to safeguard the generator against electrical and mechanical fault.

Target Audience

- Offer Manager/Product Application Engineer/ Solution expert
- System Integrator/Partner
- EcoXperts
- Technical Support L1-L2-L3

Prerequisites

- Completed ENGPRDES0001001, ERGNRGE0001022, ERGNRGE0001023 or
- Have basic idea on electrical protection and its components

Objectives

- Differentiate different types of generators
- Outline the protection philosophies to be implemented to protect generator against fault due to system, load and mechanical damage.

Course ID

ENGPRDES0001004



Duration

1.25 hours

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

Intermediate

Introduction to Transformer Protection Basics

Course Description

This course describes the transformer application, construction, design principles, connections and vector groups. This also covers the different types of faults that can happen in a transformer and how to implement the protections against those faults

Target Audience

- Offer Manager/Product Application Engineer/ Solution expert
- System Integrator/Partner
- EcoXperts
- Technical Support L1-L2-L3

Prerequisites

- Completed ENGPRDES0001001, ERGNRGE0001022, ERGNRGE0001023 or
- Have basic idea on electrical protection and its components

Objectives

- Cite transformer basics and definitions associated with transformer
- Associate transformer faults and its protections
- Cite typical transformer protection schemes

Course ID

ENGPRDES0001011



Duration

51 min

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Intermediate

Discover Basic Line Differential Protection

Course ID

ENGPRDES0001002



Duration

30 min

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

Course Description

This course describes the principle of line differential protection and the schemes that are implemented to achieve the same.

Target Audience

- Offer Manager/Product Application Engineer/ Solution expert
- System Integrator/Partner
- EcoXperts
- Technical Support L1-L2-L3

Prerequisites

- Completed ENGPRDES0001001, ERGNRGE0001022, ERGNRGE0001023 or
- Have basic idea on electrical protection and its components

Objectives

- Characterize the principle of line differential protection and its advantages
- Recall different tripping schemes and its working philosophies.

Intermediate

Introduction to Distance Protection

Course ID

ENGPRDES0001010



Duration

60 min

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

Course Description

This course explains the basics about distance protection, how it can be implemented for different types of network, line modeling, how to calculate impedance, and what is zone co-ordination for long line.

Target Audience

- Offer Manager/Product Application Engineer/ Solution expert
- System Integrator/Partner
- EcoXperts
- Technical Support L1-L2-L3

Prerequisites

- Completed ENGPRDES0001001, ERGNRGE0001022, ERGNRGE0001023 or
- Have basic idea on electrical protection and its components

Objectives

- Describe the principle of distance protection
- Analyze line modeling and Impedance calculation
- Illustrate how zone co-ordination can be implemented for different types of networks.

Intermediate

Discover Basic Busbar Protection

Course ID
ENGPRDES0001005



Duration
30 min

Registration
Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method
Video

Training Contact
EMBDTrainingRequest@se.com

Course Description

This course introduces Busbar protection: To provide a basic understanding of why busbars need to have specific attention and the basic schemes that can be employed to protect the busbar.

Target Audience

- Offer Manager/Product Application Engineer/ Solution expert
- System Integrator/Partner
- EcoXperts
- Technical Support L1-L2-L3

Prerequisites

- Completed ENGPRDES0001001, ERGNRGE0001022, ERGNRGE0001023 or
- Have basic idea on electrical protection and its components

Objectives

- Cite the principle of busbar protection
- Describe the zone segregation and basics schemes.

Advanced

Discover Advanced Command & Control Features

Course ID
ENGPRDES0001000



Duration
1.5 hours

Registration
Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method
Video

Training Contact
EMBDTrainingRequest@se.com

Course Description

This course provides details about switching devices as per IEC 81346, its interlocking and working. It also gives an overview about controlling of these switch gears using different communication protocols.

Target Audience

- Product Application Engineer/Solution expert
- System Integrator/Partner
- EcoXperts
- Technical Support L1-L2-L3

Prerequisites

- Completed ENGPRDES0001001
- Have good understanding on electricity generation, transmission and distribution and the switchgear/ main components used.

Objectives

- Describe switching devices as per IEC 81346
- Describe switchgear interlocking
- Illustrate switch gear control using commands through serial protocols and IEC 61850.

Advanced

Overcurrent Protection and Coordination Case Study

Course ID

EPAPRDES0001000



Duration

1 hr 7 min

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

Course Description

This course teaches how to implement over current coordination. The approach has been explained using a real system SLD and data.

Target Audience

- Product Application Engineer
- System Integrator/Partner
- EcoXperts
- Technical Support L1-L2-L3

Prerequisites

- Completed the basic and intermediate courses from Fundamentals of electrical protection chapter for the respective protection.
- Have good understanding on electricity generation, transmission and distribution and the switchgear/ main components used.

Objectives

Implement overcurrent protection and its co-ordination for their electrical system.

Advanced

Discover Advanced Generator Protection

Course Description

This course discuss the principles of protecting large Generators: How large generator protection is managed using of overall generator -transformer differential protection, inter-turn protection, 100% stator earth fault protection and pole-slipping protection.

Target Audience

- Product Application Engineer.
- System Integrator/Partner.
- EcoXperts.
- Technical Support L1-L2-L3.

Prerequisites

- Completed the basic and intermediate courses from Fundamentals of electrical protection chapter for the respective protection.
- Have good understanding on electricity generation, transmission and distribution and the switchgear/ main components used. .

Objectives

Discuss protection functions to be implemented for protecting large generators.

Advanced

Discover Advanced Transformer Protection

Course ID

ENGPRDES0001012



Duration

1.5 hours

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

Course Description

This course discuss how to manage and set protection needed for transformers. This helps to understand transformer protection functions in detail (theory, constraints, implementation, settings) - thermal overload, over fluxing, differential, overcurrent, Buchholz .protection

Target Audience

- Product Application Engineer.
- System Integrator/Partner.
- EcoXperts.
- Technical Support L1-L2-L3.

Prerequisites

- Completed the basic and intermediate courses from Fundamentals of electrical protection chapter for the respective protection.
- Have good understanding on electricity generation, transmission and distribution and the switchgear/ main components used.

Objectives

Discuss protection functions to be implemented for protecting transformers against mechanical and electrical faults.

Advanced

Discover Advanced Distance Protection

Course ID

ENGPRDES0001009



Duration

1.5 hours

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

Course Description

This course covers the impact of power system/ network conditions on impedance and distance protection operation. In addition, it also gives detailed insight on load encroachment, power swings, Auto reclose, aided schemes and special applications.

Target Audience

- Product Application Engineer.
- System Integrator/Partner.
- EcoXperts.
- Technical Support L1-L2-L3.

Prerequisites

- Completed the basic and intermediate courses from Fundamentals of electrical protection chapter for the respective protection.
- Have good understanding on electricity generation, transmission and distribution and the switchgear/ main components used.

Objectives

Discuss protection functions to be implemented for protecting transmission lines based on the type of network and power system conditions pertaining to the line.

Advanced

Discover High Impedance Busbar Protection

Course ID

ENGPRDES0001003



Duration

30 min

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

Course Description

This course covers the requirements for high impedance protections, its CT and metrosil calculations along with the schemes to be adopted for different types of busbar arrangements.

Target Audience

- Product Application Engineer.
- System Integrator/Partner.
- EcoXperts.
- Technical Support L1-L2-L3.

Prerequisites

- Completed the basic and intermediate courses from Fundamentals of electrical protection chapter for the respective protection.
- Have good understanding on electricity generation, transmission and distribution and the switchgear/main components used.

Objectives

Design a high impedance busbar differential protection.

Advanced

Discover Low Impedance Busbar Protection

Course ID

ENGPRDES0001006



Duration

45 min

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

Course Description

This course covers the philosophy of busbar protection, how it can be achieved for different bus configuration, how to protect dead zone and how to take care of CT saturation.

Target Audience

- Product Application Engineer.
- System Integrator/Partner.
- EcoXperts.
- Technical Support L1-L2-L3.

Prerequisites

- Completed the basic and intermediate courses from Fundamentals of electrical protection chapter for the respective protection.
- Have good understanding on electricity generation, transmission and distribution and the switchgear/main components used.

Objectives

Design a low impedance busbar differential protection.

Advanced

Introduction to Railway Protection

Course ID

BLDPRDES0001013



Duration

1 hr 22 min

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

Course Description

This course introduces Rail Electrification and related Protection Functions. It helps to understand the history of rail electrification, overview on rail overhead lines, how the power supply is provided, how catenary systems are protected, regional differences on implementation, which are the rail specific protection functions, what is our todays AC rail protection offer.

Target Audience

- Product Application Engineer.
- System Integrator/Partner.
- EcoXperts.
- Technical Support L1-L2-L3.

Prerequisites

- Completed the basic and intermediate courses from Fundamentals of electrical protection chapter.
- Have good understanding on distance protection
- Have an over all idea about traction systems

Objectives

Discuss rail electrification and its protection philosophies

Basic

Course ID

ENGPRDES0001008



Duration

60 min

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

Basic Principles of IEC61850

Course Description

This course provides and overview of IEC61850 standard, it's aim and how it help us to manage an electrical substation. This also covers the network topologies which can be implemented.

Target Audience

- Offer Manager/Product Application Engineer/ Solution expert
- System Integrator/Partner
- EcoXperts
- Technical Support L1-L2-L3

Prerequisites

None

Objectives

Discuss overview of IEC61850 and its use.

Intermediate

IEC61850 Top Down Engineering Process

Course ID

BLDPRDES0001016



Duration

50 min

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

Course Description

This course describes the engineering process that can be followed to configure IEC61850 for a system along with the best practices that can be followed.

Target Audience

- Offer Manager/Product Application Engineer/ Solution expert
- System Integrator/Partner
- EcoXperts
- Technical Support L1-L2-L3

Prerequisites

Completed ENGRDES0001008 .

Objectives

Practice IEC 61850 configurations for their IED/ system.

Basic

Course ID

BLDPRDES0001053



Duration

15 min

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Introduction to Ethernet Networks

Course Description

This course is intended for newcomers,sales and tendering teams that wantto acquire the basic information on Ethernet Networks, its basic principles, main components, communication & routing mecanisms.

Target Audience

- Business Developers
- DPAC Sales Support
- Tendering Engineers
- Salesforce and Country Marketing

Prerequisites

None.

Objectives

Provide a basic understanding of main concepts of Ethernet, TCP/IP, Routing, and Ethernet redundant protocols.

Basic

Course ID

BLDPRDES0001049

Duration

15 min

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com



Introduction to IEC 61850

Course Description

This course is intended for newcomers, sales and tendering teams that want to acquire the basic information on IEC 61850 standard, its value proposition and main technical scope: Data model, Engineering workflow and Communication protocols.

Target Audience

- Business Developers
- DPAC Sales Support
- Tendering Engineers
- Salesforce and Country Marketing

Prerequisites

None.

Objectives

Provide a basic understanding of IEC 6185 standard.

Basic

Course ID

BLDECXES0001169

Duration

30 min

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com



Digital Substation and Process Bus concept Introduction

Course Description

This course is intended to explain main concepts and vocabulary of Digital Substation simple architectures and Process Bus technology.

Target Audience

- Business Developers
- EAC Sales Support
- Tendering Engineers
- Salesforce and Country Marketing

Prerequisites

None.

Objectives

Provide a basic understanding of Digital Substation concepts. Understand underlying technologies. Know main vocabulary used to speak about Digital Substation and Process Bus. Know ethernet network technologies used in this context.

Intermediate

Course ID

BLDPRDES0001014

Duration

45 min

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

IEC 61850 Redundancy with HSR (High-availability Seamless Redundancy): PRP (Parallel Redundancy Protocol) and RSTP (Rapid Spanning Tree Protocol)

Course Description
This course provides a detailed analysis on RSTP, PRP & HSR as per IEC 62439, its network topology , how the information is been sent and received, benefits and limitations.

Target Audience

- Offer Manager/Product Application Engineer/Solution expert
- System Integrator/Partner
- EcoXperts
- Technical Support L1-L2-L3

Prerequisites
Completed ENGPRDES0001008 .

Objectives
Implement RSTP/PRP/HSR redundancy to their networks.

Advanced

Course ID

BLDECXVS0001020

Duration

5 days

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

Classroom

Training Contact

EMBDTrainingRequest@se.com

Digital Substation and Process Bus: Hands-On Technical Training

Course Description
This training program focuses on the principles of Digital Substations and the Process Bus. Participants will gain practical experience configuring Process Bus and IEC 61850 communication with EPAS-E and PLES using PowerLogic P7, Easergy MiCOM Px40, Micom C264. The course also covers essential standards, including IEC 61850, IEC 61869-9, and IEC 61869-13, ensuring a thorough understanding of industry requirements. Before the local in-class session dedicated to practice, a mandatory remote webinar will be organized for participants to introduce theoretical concepts.

Target Audience

- System Engineers, Protection Engineers, Technical Leaders and PAEs

Prerequisites

- Basic Principles of IEC61850Course ID: ENGPRDES0001008
- IEC61850 Top-Down Engineering Process Course ID: BLDPRDES0001016
- Introduction to Ethernet Networks Course ID: BLDPRDES0001053
- Introduction to IEC 61850 Course ID: BLDPRDES0001049

Objectives

- Understand the fundamental concepts of Digital Substations.
- Configure Process Bus using Power Logic P7, MiCOM Px40, and EPAS-E.
- Apply relevant standards (IEC 61850, IEC 61869-9, IEC 61869-13) .
- Troubleshoot and resolve common issues in Digital Substation and Process Bus configurations.



Protection Relays: PowerLogic P1

- Basic
- Intermediate
- Advanced

Commercial

eLearning (30 minutes)
PowerLogic P1: Promote & Sell



Technical

eLearning (30 minutes)
PowerLogic P1F: Basic Settings



Basic

Course ID
BLDPRDES0001027



Duration
30 minutes

Registration
Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method
eLearning

Training Contact
EMBDTrainingRequest@se.com

PowerLogic P1: Promote & Sell

Course Description
This eLearning provides an over-view on offer values and how to solve customer pain points.

Target Audience

- Offer Manager/Product Application Engineer/FO sales
- System Integrator/Partner
- Technical Support L1-L2-L3

Prerequisites
None

Objectives
How to promote and sell this offer while answering customer needs.

Intermediate

Course ID

ERGNRGE0001014



Duration

30 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

PowerLogic P1: Basic Settings

Course Description

This eLearning briefly explains different models of PowerLogic P1. It illustrates how to connect P1 with the setting tool, and how to do basic configuration of the protection.

Target Audience

- Offer Manager/Product Application Engineer
- System Integrator/Partner
- EcoXperts
- Technical Support L1-L2-L3

Prerequisites

Completed ERGNRGE0001022 & ERGNRGE0001023

Objectives

- Get a good technical understanding of the PowerLogic P1F offer
- How to connect with the eSetup PowerLogic Pro setting tool
- Learn how to do the basic protection function configuration



Protection Relays: PowerLogic P3

- Basic
- Intermediate
- Advanced

Commercial

Video (60 minutes)
PowerLogic P3: Promote & Sell



Technical

eLearning (20 minutes)
PowerLogic P3: Quick start guide

Video (1 hour 10 minutes)
PowerLogic P3: Protection Engineering
(Selfpaced learning curriculum)

Video (31 minutes)
PowerLogic P3: Transformer Differential
Protection Engineering

Video (53 minutes)
PowerLogic P3: Line Differential
Protection Engineering

eLearning (30 minutes)
PowerLogic P3: Integrated ARC Fault
Protection

Video (1 hour 27 minutes)
PowerLogic P3: IEC 61850 Configuration



Technical

eLearning (13 minutes)
PowerLogic P3: IEC 61850 Configuration
exercise

Classroom (2 days)
PowerLogic P3: Protection Engineering

Classroom (1 days)
PowerLogic P3: Communication
Engineering



Basic

PowerLogic P3: Promote and Sell

Course ID

BLDPRDES0001029



Duration

60 minutes

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Course Description

This eLearning provides an over-view on Schneider Electric relay portfolio & segment positioning including: P3 target segments & positioning, customer challenges and value propositions of P3 to solve those challenges. P3 technical characteristics on hardware, LPCT/LPVT & CSH, Arc protection etc. P3 accessories, P3 prescription, battle cards & sales support, ordering process, and product pricing.

Target Audience

- Offer Manager/Product Application Engineer/ Solution Expert/FO sales team
- System Integrator/Partner
- EcoXperts
- Technical Support L1-L2-L3

Prerequisites

None

Objectives

Understand the differentiating features of P3 relays and ordering options.

Intermediate

PowerLogic P3: Quick Start Guide

Course ID

ERGNRGE0001029



Duration

20 minutes

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Course Description

This eLearning demonstrate how to

- Install eSetup Easergy Pro
- Connect PowerLogic P3 device, read and write settings
- Create online and offline configuration files
- Basic configuration and enabling of functions.
- Test using virtual injection
- Retrieve disturbance records, events logs

Target Audience

- Offer Manager/Product Application Engineer/ Solution Expert
- System Integrator/Partner
- EcoXperts
- Technical Support L1-L2-L3

Prerequisites

Completed BLDPRDES0001029

Objectives

Communicate and configure the PowerLogic P3 relays.

Advanced

Course ID

BLDPRDCS0001081



Duration

55 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

PowerLogic P3: Protection Engineering (Self-paced learning curriculum)

Course Description

This is a self-paced learning curriculum aimed to help you to understand PowerLogic P3 protection relay's supported functions and its configurations. It covers detailed explanation on protection functions, operation philosophy and testing demo. This curriculum has following sub parts;
Part1_ PowerLogic P3: Protection overview
Part2_ PowerLogic P3: General configuration
Part3_ PowerLogic P3:Control functions (coming soon)
Part4_ PowerLogic P3: Feeder protection _ current based functions
Part5_ PowerLogic P3: Motor protection _ current based functions
Part6_ PowerLogic P3: Transformer protection)
Part7_ PowerLogic P3: Generator Protection (coming soon)
Part8_ PowerLogic P3: Line Differential Protection(coming soon)
Part9_ PowerLogic P3: Voltage & frequency protection(coming soon)
Part10_ PowerLogic P3: Monitoring functions(coming soon)
Part11_ PowerLogic P3: Integrated Arc fault protection(coming soon)

Target Audience

- Product Application Engineer/Solution Expert/ Engineering & execution team
- System Integrator/Partner/ EcoXperts
- Technical Support L1-L2-L3

Prerequisites

Completed fundamentals of electrical protection and IEC61850 chapter for respective protection.
Completed BLDPRDES0001029

Objectives

After the completion, the participant will be able to configure and test PowerLogic P3 protection relay.

Advanced

Course ID

ERGNRGD0001006



Duration

31 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

PowerLogic P3: Transformer Differential Protection Engineering

Course Description

This video recording describe in detail how to configure a transformer differential protection in PowerLogic P3

Target Audience

- Product Application Engineer
- System Integrator/Partner
- EcoXperts
- Technical Support L1-L2-L3

Prerequisites

Completed fundamentals of electrical protection and IEC61850 chapter for respective protection.

Objectives

- Configure the scaling and transformer name plate details.
- Configure differential stage and bias slope settings.

Advanced

Course ID

ERGNRGD0001008



Duration

53 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

PowerLogic P3: Line Differential Protection Engineering

Course Description

This video recording describe in detail how to configure a line differential protection using PowerLogic P3L30 along with ANSI 85 communication.

Target Audience

- Product Application Engineer
- System Integrator/Partner
- EcoXperts
- Technical Support L1-L2-L3

Prerequisites

Completed fundamentals of electrical protection and IEC61850 chapter for respective protection.

Objectives

- Configure differential stage and bias slope settings.
- Configure ANSI 85 signals to achieve inter tripping.

Advanced

Course ID

ERGNRGE0001009



Duration

30 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

PowerLogic P3: Integrated Arc Fault Protection

Course Description

This eLearning show how to install and configure integrated ARC protection using PowerLogic P3 relay and how to conduct the testing of ARC sensors.

Target Audience

- Product Application Engineer
- System Integrator/Partner
- EcoXperts
- Technical Support L1-L2-L3

Prerequisites

Completed fundamentals of electrical protection and IEC61850 chapter for respective protection.

Objectives

- Configure and test integrated ARC protection in PowerLogic P3
- Use Omicron test set and 256x module to test arc protection function.
- Use camera lash to test arc protection function.

Advanced

PowerLogic P3: IEC 61850 Configuration

Course ID

ERGNRGD0001005



Duration

1 hour 27 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

Course Description

This video explains how to configure IEC 61850 MMS and GOOSE communication in PowerLogic P3 relays using eSetup Easergy pro.

Target Audience

- Product Application Engineer/Solution expert
- System Integrator/Partner
- EcoXperts
- Technical Support L1-L2-L3

Prerequisites

Completed ENGRDES0001008 & BLDPRDES0001016

Objectives

Implement IEC 61850 MMS and GOOSE communication in PowerLogic P3 relays.

Advanced

PowerLogic P3: IEC 61850 Configuration Exercise

Course ID

ERGPRDE0001014



Duration

13 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Course Description

This eLearning demonstrate the step-by-step procedure to configure IEC 61850 MMS and GOOSE communication in PowerLogic P3 relays using eSetup PowerLogic pro with sample measurement, control and status signals.

Target Audience

- Product Application Engineer/Solution expert
- System Integrator/Partner
- EcoXperts
- Technical Support L1-L2-L3

Prerequisites

Completed ENGRDES0001008 & BLDPRDES0001016

Objectives

Implement IEC 61850 MMS and GOOSE communication in PowerLogic P3 relays.

Advanced

PowerLogic P3: Protection Engineering

Course ID

ERGPRDI0001008



Duration

2 days



Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

Classroom/Virtual Classroom

Training Contact

EMBDTrainingRequest@se.com

Course Description

This course will provide students an understanding of the PowerLogic P3 offer scope, benefits and master the technical aspects of the offer by configuration of the device for feeder, motor and voltage protection using example applications. Students will use eSetup PowerLogic Pro to read and send settings to an PowerLogic P3 relay and retrieve and analyze event data.

Target Audience

- Product Application Engineer
- System Integrator/Partner
- EcoXperts
- Technical Support L2-L3

Prerequisites

- Completed fundamentals of electrical protection and IEC 61850 chapter for respective protection.
- Completed BLDPRDES0001029
- Should have a laptop , installed with eSetup PowerLogic pro tool.

Objectives

- Use eSetup PowerLogic pro configuration tool.
- Configure and test PowerLogic P3 relay and its protection functions.

Advanced

PowerLogic P3: Communication Engineering

Course ID

ERGNRGI0001005



Duration

1 day



Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

Classroom/Virtual Classroom

Training Contact

EMBDTrainingRequest@se.com

Course Description

This course teaches the basics of IEC 61850 standard, network requirements, and how to make a IEC 61850 configuration in PowerLogic P3 device and how to test the same. The course also include a brief introduction of legacy protocols.

Target Audience

- Product Application Engineer/Solution Expert
- System Integrator/Partner
- EcoXperts
- Technical Support L2-L3

Prerequisites

- Completed ENGPRDES0001008 , BLDPRDES0001016, BLDPRDES0001029
- Should have a laptop , installed with eSetup PowerLogic pro tool.

Objectives

- Use eSetup PowerLogic pro configuration tool.
- Configure and test PowerLogic P3 relay and its protection functions.

Protection Relays: PowerLogic P5

- Basic
- Intermediate
- Advanced

Commercial

eLearning (45 minutes)

PowerLogic P5: Promote & Sell

eLearning (30 minutes)

PowerLogic P5: Offer structure & Ordering process



Technical

eLearning (90 minutes)

PowerLogic P5: Quick start guide

eLearning (2 hour 50 minutes)

PowerLogic P5: Protection Engineering (Self-paced learning curriculum)

eLearning (30 minutes)

PowerLogic P5: IEC61850 Configuration

Classroom (2 day)

PowerLogic P5: Protection Engineering

Classroom (1 day)

PowerLogic P5: Communication Engineering



- Basic

Course ID

BLDPRDES0001030

Duration

45 minutes

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

PowerLogic P5: Promote and Sell

Course Description

This eLearning provides an over-view on; what a protection relay is, discusses the protection relays portfolio, positioning and PowerLogic P5 brief definition. This module focuses on applications, target segments and positioning, customer pain points, value proposition, killing phrases, technical characteristics, setting software and digital tools and sales support.

Target Audience

- Offer Manager/Product Application Engineer/ Solution Expert/FO sales team
- System Integrator/Partner
- EcoXperts
- Technical Support L1-L2-L3

Prerequisites

None

Objectives

Differentiate features of PowerLogic P5 relay.

Intermediate

PowerLogic P5: Offer Structure & Ordering Process

Course ID

BLDPRDES0001038



Duration

30 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Course Description

This E-learning covers a brief description of P5 offer structure and its detailed ordering process. It contains following topics:

- Product overview
- Key features & value proposition
- Product key characteristics
- Product design and model number
- Key hardware options
- Ordering modes: MTO and CTO
- Firmware management
- Quotation with ATT LOADER

Target Audience

- Offer Manager/Product Application Engineer/FO sales team
- System Integrator/Partner
- EcoXperts

Prerequisites

Completed BLDPRDES0001030

Objectives

- Have a good understanding on P5 offer structure
- Understand how to select and order the product

Intermediate

PowerLogic P5: Quick Start Guide

Course Description

This E-learning demonstrate how to install e-setup Easergy Pro and connect with PowerLogic P5 device, read and write settings, create online and offline configuration files, covers basic configuration and enabling of functions and test using virtual injection and retrieve disturbance records, and events logs.

Target Audience

- Offer Manager/Product Application Engineer/ Solution Expert
- System Integrator/Partner
- EcoXperts
- Technical Support L1-L2-L3

Prerequisites

Completed BLDPRDES0001030

Objectives

Communicate and configure the PowerLogic P5 relays.

Course ID

ERGNRGE0001030



Duration

90 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Advanced

Course ID

BLDPRDCS0001046

Duration

2 hour 50 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com



PowerLogic P5: Protection Engineering
(Self-paced learning curriculum)
Course Description

Course Description

This is a self-paced learning curriculum aimed to help you to understand PowerLogic P5 protection relay's supported functions and its configurations. It covers detailed explanation on protection functions, operation philosophy and testing demo.

This curriculum has following sub parts;

- Part1_ PowerLogic P5: General configuration
- Part2_ PowerLogic P5: Control functions
- Part3_ PowerLogic P5: Protection over-view
- Part4_ PowerLogic P5: Feeder protection _ current based functions
- Part5_ PowerLogic P5: Motor protection _ current based functions
- Part6_ PowerLogic P5: Voltage & frequency protection
- Part7_ PowerLogic P5: Monitoring functions
- Part8_ PowerLogic P5: Integrated Arc fault protection
- Part9_ PowerLogic P5: Line differential protection
- Part10_ PowerLogic P5: Transformer differential protection

Target Audience

- Product Application Engineer/Solution Expert/ Engineering & execution team
- System Integrator/Partner
- EcoXperts
- Technical Support L1-L2-L3

Prerequisites

- Completed fundamentals of electrical protection and IEC61850 chapter for respective protection.
- Completed BLDPRDES0001030 : Promote & Sell

Objectives

Configure and test PowerLogic P5 protection relay.

Advanced

Course ID

ERGNRGE0001008

Duration

30 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com



PowerLogic P5: IEC61850 Configuration

Course Description

This E-learning explains how to configure IEC61850 MMS and GOOSE communication in PowerLogic P5 relays using eSetup Easergy pro and CET 850.

Target Audience

- Product Application Engineer/Solution expert
- System Integrator/Partner
- EcoXperts
- Technical Support L1-L2-L3

Prerequisites

Completed ENGRDES0001008 & BLDPRDES0001016

Objectives

Implement IEC61850 MMS and GOOSE communication in PowerLogic P5 relays.

Advanced

PowerLogic P5: Protection Engineering Course Description

Course ID

ERGNRGI0001022



Duration

2 days

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Classroom

Training Contact

EMBDTrainingRequest@se.com

Course Description

This course will provide students an understanding of the PowerLogic P5 offer scope, benefits and master the technical aspects of the offer by covering the configuration of the device for feeder, motor, transformer, line and voltage protection using example applications. Students will use Easergy Pro to read and send settings to an PowerLogic P5 relay and retrieve and analyze event data.

Target Audience

- Product Application Engineer
- System Integrator/Partner
- EcoXperts
- Technical Support L2-L3

Prerequisites

- Completed fundamentals of electrical protection and IEC 61850 chapter for respective protection.
- Completed BLDPRDES0001030
- Should have a laptop , installed with eSetup Easergy pro tool.

Objectives

- Use eSetup Easergy pro configuration tool.
- Configure and test PowerLogic P5 relay and its protection functions.

Advanced

PowerLogic P5: Communication Engineering

Course ID

ERGNRGI0001023



Duration

1 day

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Classroom

Training Contact

EMBDTrainingRequest@se.com

Course Description

This course teaches the basics of IEC 61850 standard, network requirement, how to make a 61850 configuration in PowerLogic P5 device and how to test the same. The course also include a brief introduction of legacy protocols.

Target Audience

- Product Application Engineer/Solution Expert
- System Integrator/Partner
- EcoXperts
- Technical Support L2-L3

Prerequisites

- Completed ENGPRDES0001008 & BLDPRDES0001016
- Should have a laptop , installed with eSetup Easergy pro & CET 850 tool.

Objectives

- Use esetup Easergy pro configuration tool.
- Configure and test PowerLogic P5 relay and its protection functions.



Protection Relays: PowerLogic P7

- Basic
- Intermediate
- Advanced

Commercial

eLearning (45 mins)
PowerLogic P7: Promote & Sell

eLearning (TBD)
PowerLogic P7: Offer structure & Ordering process

Technical

eLearning (15 minutes)
PowerLogic P7: Quick start guide

eLearning (curriculum in progress)
PowerLogic P7: Protection Engineering
(Self-paced learning curriculum)

eLearning (30 minutes)
PowerLogic P7: IEC61850 Configuration

Classroom (2 days)
PowerLogic P7: Protection Engineering

Classroom (1 day)!
PowerLogic P7: Communication Engineering

- Basic

Course ID

BLDPRDES0001118

Duration

45 mins

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

PowerLogic P7: Promote & Sell

Course Description

This eLearning provides an over-view on;

- What is a protection relay?
- Protection relays portfolio
- Protection relays positioning
- PowerLogic P7 brief definition
- Applications
- Target segments and positioning
- Customer pain points
- Value proposition
- Killing phrases
- Technical characteristics
- Setting software and digital tools
- Sales support
- Takeaway on PowerLogic P7

Target Audience

- Offer Manager/Product Application Engineer
- Technical Support L1-L2-L3.
- Solution Expert/FO sales team
- System Integrator/Partner/EcoXperts

Prerequisites

None

Objectives

After the completion, the participants will be able to understand the differentiating features of PowerLogic P7 relay.

Intermediate

Course ID

Coming soon!!!

Duration

TBD

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com



PowerLogic P7: Offer structure & Ordering process
Course Description

Course Description

This E-learning covers a brief description of P7 offer structure and its detailed ordering process. It contains following topics;

- Product overview
- Key features & value proposition
- Product key characteristics
- Product design and model number
- Key hardware options
- Ordering modes: MTO and CTO
- Firmware management
- Quotation with ATT LOADER
- Take away

Target Audience

- Offer Manager/Product Application Engineer/FO sales team
- System Integrator/Partner
- EcoXperts

Prerequisites

TBD

Objectives

Upon completion the participant will be able to:

- Have a good understanding on P7 offer structure
- Understand how to select and order the product

Intermediate

Course ID

Coming soon!!!

Duration

TBD

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com



PowerLogic P7: Quick Start Guide

Course Description

This E-learning demonstrate how to

- Install PowerLogic Engineering Suite
- Connect PowerLogic P7 device, read and write settings
- Create online and offline configuration files
- Basic configuration and enabling of functions.
- Retrieve disturbance records, events logs

Target Audience

- Offer Manager/Product Application Engineer/Solution Expert
- System Integrator/Partner
- EcoXperts
- Technical Support L1-L2-L3

Prerequisites

TBD

Objectives

Atter the completion, the participant will be able to communicate and configure the PowerLogic P7 relays

Advanced

Course ID

BLDPRDCS0001087

Duration

1 hour 15 mins

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com



PowerLogic P7: Protection Engineering (Self-paced learning curriculum)
Course Description

Course Description

This is a self-paced learning curriculum aimed to help you to understand PowerLogic P7 protection relay's supported functions and its configurations. It covers detailed explanation on protection functions, operation philosophy and testing demo.

This curriculum has following sub parts;
Part1_ PowerLogic P7: General configuration
Part2_ PowerLogic P7: Protection over-view
Part3_ PowerLogic P7: Feeder protection
Part4_ PowerLogic P7: Motor protection (coming soon)
Part5_ PowerLogic P7: Transformer protection
Part6_ PowerLogic P7: Generator protection (coming soon)
Part7_ PowerLogic P7: Voltage & frequency protection (coming soon)
Part8_ PowerLogic P7: Control functions (coming soon)
Part9_ PowerLogic P7: Monitoring functions (coming soon)
Part10_ PowerLogic P7: Logs & Records (coming soon)

Target Audience

- Product Application Engineer/Solution Expert/ Engineering & execution team
- System Integrator/Partner
- EcoXperts
- Technical Support L1-L2-L3

Prerequisites

TBD

Objectives

After the completion, the participant will be able to configure and test PowerLogic P7 protection relay.

Advanced

Course ID

BLDPRDES0001137

Duration

30 minutes

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com



PowerLogic P7: IEC61850 Configuration

Course Description

This E-learning explains how to configure IEC61850 MMS and GOOSE communication in PowerLogic P7 relays using EPAS-E.

Target Audience

- Product Application Engineer/Solution expert
- System Integrator/Partner
- EcoXperts
- Technical Support L1-L2-L3

Prerequisites

PowerLogic P7: Promote & Sell, BLDPRDES0001118

Objectives

Atter the completion, the participant will be able to implement IEC61850 MMS and GOOSE communication in PowerLogic P7 relays.

Advanced

PowerLogic P7: Protection Engineering

Course ID

BLDPRDIS0001022



Duration

2 days

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

Classroom/Virtual

Training Contact

EMBDTrainingRequest@se.com

Note-

For any training requirements on PowerLogic P7, reach out Digital Power Global training team through EMBDTrainingRequest@se.com as the training offers are not yet standardized.

Course Description

This course will provide students an understanding of the PowerLogic P7 offer scope, benefits and master the technical aspects of the offer by configuration of the device for feeder, motor, transformer, generator and voltage protection using example applications. Students will use PowerLogic Engineering Suite (PLES) to configure the relay and analyze data.

Target Audience

- Product Application Engineer
- System Integrator/Partner
- EcoXperts
- Technical Support L2-L3

Prerequisites

TBD

Objectives

After the completion participant will be able to

- Learn how to use PLES configuration tool.
- Configure and test PowerLogic P7 relay and its protection functions.

Advanced

PowerLogic P7: Communication Engineering

Course ID

BLDPRDIS0001023



Duration

8 hours

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

Classroom/Virtual

Training Contact

EMBDTrainingRequest@se.com

Note-

For any training requirements on PowerLogic P7, reach out Digital Power Global training team through EMBDTrainingRequest@se.com as the training offers are not yet standardized.

Course Description

This course teaches the basics of IEC 61850 standard, network requirement, how to make a 61850 configuration in PowerLogic P5 device and how to test the same. The course also include a brief introduction of legacy protocols.

Target Audience

- Product Application Engineer/Solution Expert
- System Integrator/Partner
- EcoXperts
- Technical Support L2-L3

Prerequisites

TBD

Objectives

After the completion participant will be able to

- Learn how to use PLES configuration tool.
- Configure and test PowerLogic P7 IEC 61850 communication.

Arc Fault Protection

- Basic
- Intermediate
- Advanced

Commercial

eLearning (11 minutes)
Vamp Arc Flash Protection Presentation

Video (1.5 hours)
Discover the basic Arc Protection Principles

Coming soon!!!
Arc flash protection: Promote & sell



Technical

eLearning (15 minutes)
Electrical Arc Flash Awareness

Coming soon!!!
PowerLogic A1 A3: Arc flash Protection Engineering

Video (15 minutes)
A125 Vamp Arc Flash Technical Presentation

Class (2 days)
VAMP321: Arc Protection Engineering



Basic

Course ID

SALE0001001

Duration

11 minutes

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Vamp Arc Flash Protection Presentation

Course Description

This elearning gives an overall synthesis of Vamp Arc protection devices. It helps to understand what is Vamp Arc device, what is the technology behind, what are the key bricks of the offer in order to develop Vamp Arc business.

Target Audience

- Offer Manager/Product Application Engineer/FO sales
- Technical Support L1-L2-L3.

Prerequisites

Should have basic understanding about MV, LV switch gear and switch boards & short circuit fault analysis.

Objectives

- Discuss the Vamp arc protection offer
- Discuss the commercial aspects of providing a solution to protect against arcing faults.

Basic

Course ID
ERGPRDE0001008



Duration
1.5 hours

Registration
Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method
Video

Training Contact
EMBDTrainingRequest@se.com

Discover the Basic Arc Protection Principles and Offers

Course Description
This video explains arc flash phenomenon and its characteristics, how to detect the same and importance of quicker arc fault isolation.

Target Audience

- Offer Manager/Product Application Engineer/FO sales
- System Integrator/Partner
- EcoXperts
- Technical Support L1-L2-L3

Prerequisites
Should have basic understanding about MV, LV switch gear and switch boards & short circuit fault analysis.

Objectives

- Describe arc fault phenomenon and characteristics
- Discuss Schneider electric arc fault protection relay offer overview.

Basic

Course ID
Coming soon!!!



Duration
TBD

Registration
Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method
eLearning

Training Contact
EMBDTrainingRequest@se.com

Arc Flash Protection: Promote & Sell

Course Description
This eLearning provides an over-view on;

- Offer Manager/Product Application Engineer
- What is a arc flash protection relay?
- Arc flash protection relay portfolio
- Protection relays positioning
- Applications
- Technical characteristics
- Setting software and digital tools
- Sales support
- Takeaway on Arc flash protection relays

Target Audience

- Offer Manager/Product Application Engineer/Solution Expert/FO sales team
- System Integrator/Partner
- EcoXperts
- Technical Support L1-L2-L3

Prerequisites
None

Objectives
After the completion, the participant will be able to understand the differentiating features of Schneider Electric Arc flash protection relay offers.

Basic

Course ID
GSCHSES0001004

Duration
15 minutes

Registration
Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method
eLearning

Training Contact
EMBDTrainingRequest@se.com



Electrical Arc Flash Awareness

Course Description
An Arc Flash can generate a temperature of up to 19,000 Celsius degrees (35,000 Fahrenheit degrees). Working near electrical panels and systems increases your chance of exposure to an arc flash. This course will explain arc flash significance and safe work practices.

Target Audience
· Offer Manager/Product Application Engineer/FO sales
· System Integrator/Partner
· EcoXperts
· Technical Support L1-L2-L3

Prerequisites
Should have basic understanding about MV, LV switch gear and switch boards & short circuit fault analysis.

Objectives
· Recognize the significance of arc flash hazard
· Define arc flash
· Recall common causes of Injury
· Identify general precautions and safe working practices:
 - PPE, Label, Boundaries

Advanced

Course ID
Coming soon!!!

Duration
TBD

Registration
Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method
eLearning

Training Contact
EMBDTrainingRequest@se.com



PowerLogic A1 A3: Arc flash Protection Engineering

Course Description
This eLearning provides an over-view on-
· PowerLogic A1 A3 offers
· Typical protection schemes using A1, A3.
· Relay configuration

Target Audience
· Product Application Engineer/Solution Expert
· System Integrator/Partner
· EcoXperts
· Technical Support L1-L2-L3

Prerequisites
TBD

Objectives
After the completion, the participant will be able to understand the A1, A3 features and possible protection schemes.

Advanced

A125 Vamp Arc Flash Technical Presentation

Course ID

ERGPRDE0001010



Duration

15 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

Course Description

In this eLearning you will learn some basics about ARC Flash protection phenomenon and how to install, configure test V125 stand-alone arc fault protection relay.

Target Audience

- Offer Manager/Product Application Engineer
- System Integrator/Partner
- EcoXperts
- Technical Support L1-L2-L3

Prerequisites

Should have basic understanding about MV, LV switch gear and switch boards & short circuit fault analysis.

Objectives

Configure V125 protection relay as per the customer scheme requirements.

Advanced

VAMP 321: Arc Protection Engineering

Course Description

This course teaches VAMP 321 relay features and its application. Will be using a sample SLD to design and implement the arc protection schemes. Students will be using Vampset tool to configure the relay.

Target Audience

- Product Application Engineer
- System Integrator/Partner
- EcoXperts
- Technical Support L1-L2-L3

Prerequisites

- Should have basic understanding about MV, LV switch gear and switch boards & short circuit fault analysis.
- Completed GSCHSES0001004 & ERGPRDE0001008
- Should have a laptop , installed with Vampset tool.

Objectives

- Design arc protection schemes using V321 relay.
- Configure and test V321 arc protection relay.

Course ID

ERGNRGI0001006



Duration

2 days

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Classroom/Virtual Classroom

Training Contact

EMBDTrainingRequest@se.com



Protection Relay : Master Class

Protection Relay Master Class: Commercial

Course Description

Commercial Master Class is a list of self-paced courses covering the Easergy protection relay series and Arc fault protection relays. It is a learning path built with a selection of courses that are listed across different chapters of this catalog. It is intended to provide the commercial teams with an commercial overview of the offers

Target Audience

Front office sales team who has newly joined/ who wants to create/ refresh awareness on complete Easergy series and Arc Fault protection relay offer portfolio.

Prerequisites

Should have basic understanding about power system protection and control.

Objectives

To have a broader knowledge on Easergy series and Arc Fault protection relay offer portfolio.

How to learn

Follow the course path given. Clicking on the course name will lead to the course description page from where MLL course link can be accessed.

Protection Relay Master Class: Technical

Course Description

Technical Master Class is a list of self-paced courses covering the system protection fundamentals, Easergy protection relay series and Arc fault protection relays. It is a learning path built with a selection of courses that are listed across different chapters of this catalog. It is intended to provide the technical teams with an technical overview of the offers

Target Audience

Relay PAE who has newly joined/ who wants to learn in-depth about complete Easergy series and Arc Fault protection relay offer portfolio.

Prerequisites

- Should have basic understanding about power system control and protection.
- Completed Protection Relay Master class: Commercial.

Objectives

To learn in-depth on Easergy series and arc fault protection relay offer portfolio.

How to learn

Follow the course path given. Clicking on the course name will lead to the course description page from where MLL course link can be accessed.

- Basic
- Intermediate
- Advanced

Commercial Master Class

BLDPRDES0001027

PowerLogic P1: Promote & Sell

BLDPRDES0001029

PowerLogic P3: Promote & Sell

BLDPRDES0001030

PowerLogic P5: Promote & Sell

BDLPRDES0001038

PowerLogic P5: Offer Structure & Ordering process

SALE0001001

Vamp Arc Fault Presentation

ERGPRDE0001008

Discover the Basic ARC Protection Principles



Technical Master Class

ERGNRGE0001022

What is Protection Against Electrical Fault

ERGNRGE0001023

Different Types of Protection Against Electrical Fault

ENGPRDES0001001

Discover Basic Command & Control Features

BLDPRDES0001015

Discover Overcurrent Protection and Coordination

ERGPRDE0001007

Introduction to Principles of Motor Protection

ENGPRDES0001004

Discover Basic Generator Protection

ENGPRDES0001011

Introduction to Transformer Protection Basics

ENGPRDES0001002

Discover Basic Line Differential Protection

ENGPRDES0001010

Introduction to Distance Protection

ENGPRDES0001005

Discover Basic Busbar Protection

ENGPRDES00010001

Discover Advanced Command & Control Features



- Basic
- Intermediate
- Advanced

Technical Master Class

EPAPRDES0001000

Overcurrent Protection and Coordination Case Study

ENGPRDES0001007

Discover Advanced Generator Protection

ENGPRDES0001012

Discover Advanced Transformer Protection

ENGPRDES0001009

Discover Advanced Distance Protection

ENGPRDES0001003

Discover High Impedance Busbar Protection

ENGPRDES0001006

Discover Low Impedance Busbar Protection

BLDPRDES0001013

Introduction to Railway Protection

ENGPRDES0001008

Basic Principles of IEC61850

BLDPRDES0001016

IEC61850 Top Down Engineering Process

BLDPRDES0001014

IEC 61850 Redundancy with HSR (High-availability Seamless Redundancy): PRP (Parallel Redundancy Protocol) and RSTP (Rapid Spanning Tree Protocol)



Technical Master Class

ERGNRGE0001014

PowerLogic P1: Basic Settings

ERGNRGE0001029

PowerLogic P3: Quick start guide

BLDPRDCS0001081

PowerLogic P3: Protection Engineering (self-paced learning curriculum)

ERGNRGD0001006

PowerLogic P3: Transformer Differential Protection Engineering

ERGNRGD0001008

PowerLogic P3: Line Differential Protection Engineering

ERGNRGE0001009

PowerLogic P3: Integrated ARC Fault Protection

ERGNRGD0001005

PowerLogic P3: IEC61850 Configuration

ERGPRDE0001014

PowerLogic P3: IEC61850 Configuration exercise

ERGNRGE0001030

PowerLogic P5: Quick start guide



- Basic
- Intermediate
- Advanced

Technical Master Class

PowerLogic P5: Protection Engineering (Self-paced learning curriculum)

ERGNRGE0001008
PowerLogic P5: IEC61850 Configuration

ERGNRGI0001022
PowerLogic P5: Protection Engineering

ERGNRGI0001023
PowerLogic P5: Communication Engineering

GSCHSES0001004
Electrical ARC Flash Awareness

ERGPRDE0001010
A125 Vamp Arc Flash Technical Presentation



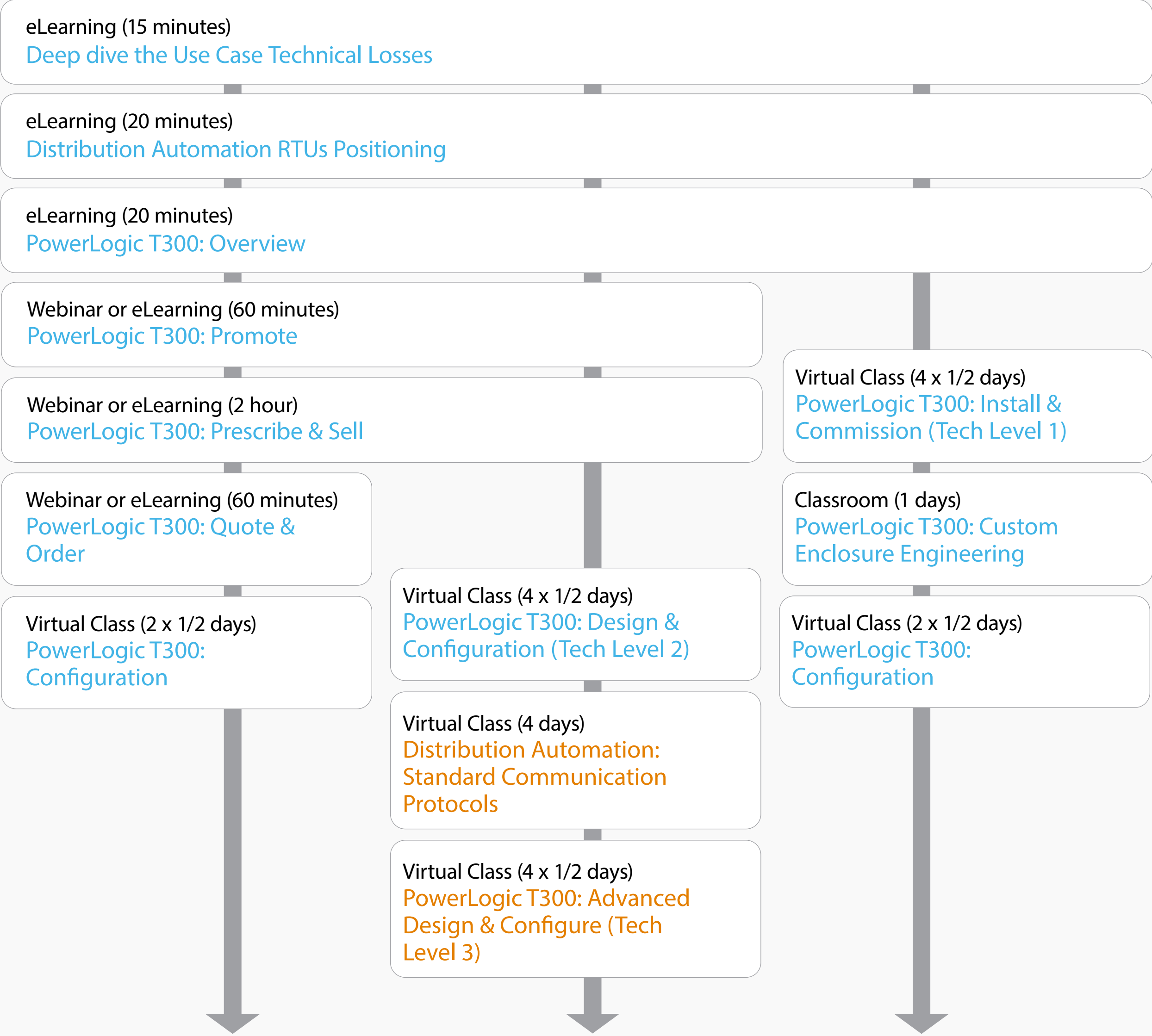
Distribution Automation: PowerLogic T300

- Basic
- Intermediate
- Advanced

Commercial

Design & Tendering

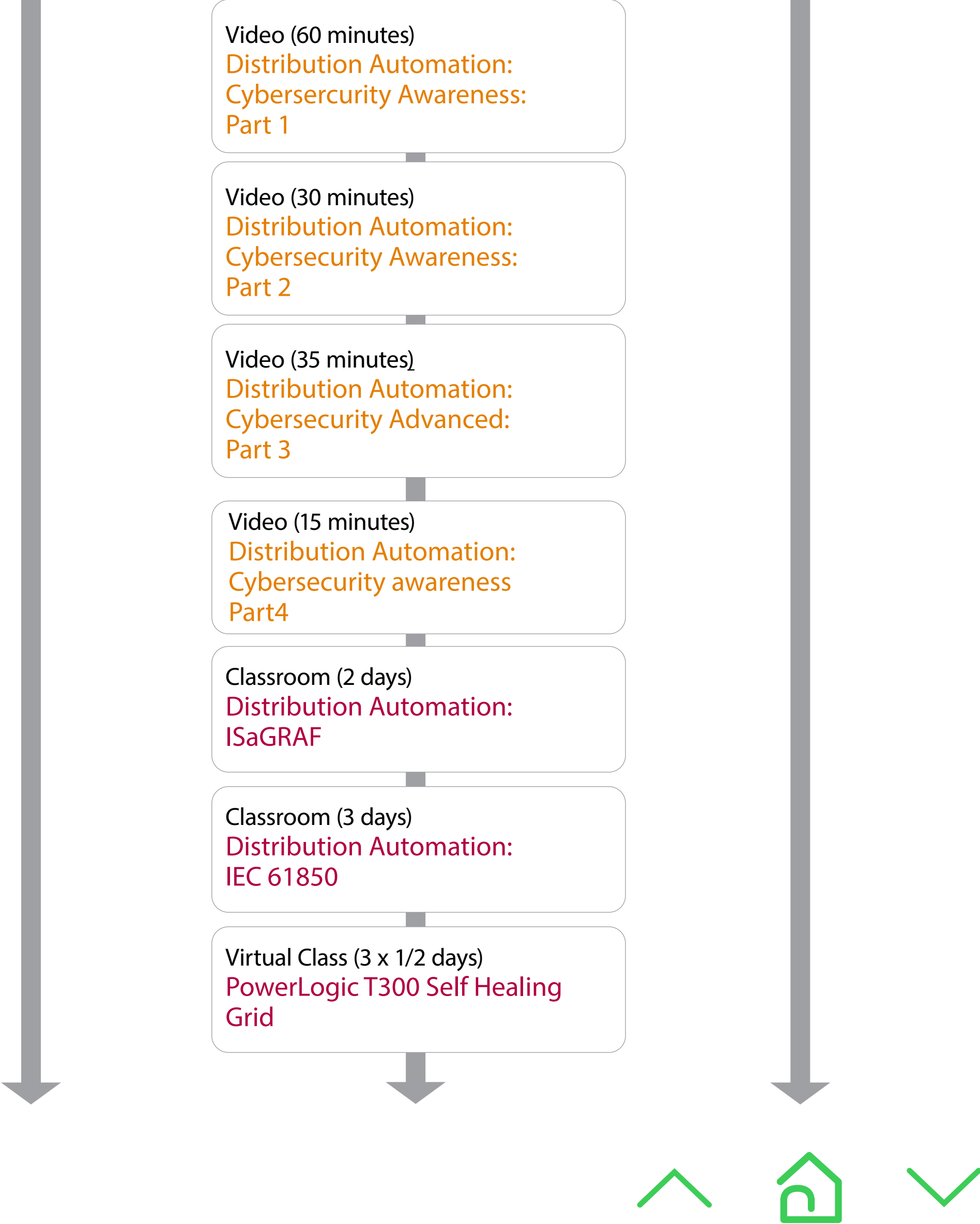
Build & Commission



Commercial

Design & Tendering

Build & Commission



Basic

Course ID

ENGECXES0001002
ENGECXES0001004



Duration

15 minutes

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Deep dive the Use Case Technical Losses
Deep dive the Use Case Reliability – FLISR

Course Description

In this course, you will learn about how EcoStruxure Grid is addressing key Customer pain points, through a holistic approach.

Target Audience

Anyone interested in understanding EcoStruxure Grid.

Prerequisites

None

Objectives

- To address some of the key challenges faced by distribution facilities, through a conversation about their problematics and,
- To build Customers' digital journey with our architecture and expertise.

Basic

Course ID

ERGNRGD0001036



Duration

10 minutes

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Distribution Automation RTU's Positioning

Course Description

In this recorded webinar, participants will discover Digital Power Remote Terminal Units Offer for Distribution Automation: PowerLogic T300, PowerLogic T500 or EasyLogic T150

Target Audience

- Marketing & Sales
- Application Engineer / Product Application Engineer
- Technical Support engineer L1-L2-L3.
- Field Service Engineer
- System Integrator / Partner

Prerequisites

- Knowledge of MV Distribution Networks (architecture, topology, equipment, neutral grounding system, fault detection)
- Deep dive the Use Case Reliability – FLISR (ENGECXES0001004)

Objectives

- Be aware of Electrical Utilities and Commercial & Industrial Buildings main challenges with their medium voltage distribution network
- Understand roughly how PowerLogic T300, PowerLogic T500 or EasyLogic T150 help address these challenges
- Understand relative Marketing positioning of these 3 offers
- Be aware of each RTU high level features

Basic

PowerLogic T300: Overview

Course ID
SALE0001000



Duration
20 minutes

Registration
Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method
eLearning

Training Contact
EMBDTrainingRequest@se.com

Course Description
In this session, participants will discover PowerLogic T300 offer for Distribution Automation.

Target Audience

- Marketing & Sales
- Application Engineer/Product Application Engineer
- Technical Support engineer L1-L2-L3
- Field Service Engineer
- System Integrator/Partner

Prerequisites

- Knowledge of MV Distribution Networks (architecture, topology, equipment, neutral grounding system, fault detection)
- Deep dive the Use Case Reliability – FLISR (ENGE CXES0001004)

Objectives

- Be aware of Electrical Utilities and Commercial & Industrial Buildings main challenges with their medium voltage distribution network
- Understand how PowerLogic T300 helps address these challenges
- Be able to describe PowerLogic T300 main features

Basic

PowerLogic T300: Promote

Course ID
ERGNRGW0001000



Duration
60 minutes

Registration
Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method
Webinar

Training Contact
EMBDTrainingRequest@se.com

Course Description
In this session, participants will learn value proposal, in order to promote and convince their customers of the benefits they will get in selecting PowerLogic T300 offer for their Distribution Automation.

Target Audience

- Marketing & Sales
- Application Engineer/Product Application Engineer
- Technical Support engineer L1-L2-L3
- System Integrator/Partner

Prerequisites
Deep dive the Use Case Reliability – FLISR (ENGE CXES0001004)

Objectives

- Understand customer challenges in distribution automation
- Understand how PowerLogic T300 helps address these challenges
- Be able to describe PowerLogic T300 main features and attached benefits
- Be able to engage and convince customers that PowerLogic T300 is the solution they need

Basic

PowerLogic T300: Prescribe & Sell

Course ID

ERGNRGW0001001



Duration

3 hours

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Webinar

Training Contact

EMBDTrainingRequest@se.com

Course Description

In this session, participants will learn how to detect, evaluate, and bid for opportunities in Distribution Automation with PowerLogic T300 offer on Electrical Utility market.

Target Audience

- Marketing & Sales
- Application Engineer / Product Application Engineer
- Technical Support engineer L1-L2-L3
- System Integrator/Partner

Prerequisites

- Having attended PowerLogic T300: Promote
- Knowledge of MV Distribution Networks (architecture, topology, equipment, neutral grounding system, fault detection)
- Deep dive the Use Case Reliability – FLISR (ENGECXES0001004)

Objectives

- Detect/Evaluate/Prioritize opportunities that can be addressed by PowerLogic T300 solution
- Learn to spec in PowerLogic T300 features
- Understand delivery model
- Identify and understand customer specificities to choose and position the PowerLogic T300 offer, answer to requests for information and bid to requests for quotation

Basic

PowerLogic T300: Quote & Order

Course ID

ERGNRGW0001002



Duration

2 hours

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Webinar

Training Contact

EMBDTrainingRequest@se.com

Course Description

In this session, participants will learn how to quote and order with PowerLogic T300 offer.

Target Audience

Marketing and Sales

Prerequisites

- Having attended PowerLogic T300: Promote + Prescribe& Sell
- Knowledge of MV Distribution Networks (architecture, topology, equipment, neutral grounding system, fault detection)
- Deep dive the Use Case Reliability – FLISR (ENGECXES0001004)

Objectives

- Understand supply chain
- Ask for PowerLogic T300 parts reference creation in local SAP and locate the offer
- Create Bill Of Material to order using product selector
- Define solution price (Value Based Pricing)
- Guide local partners for quotation and procurement (Ecoreal, Satellite, Price basis)

Basic

Course ID

ERGNRGV0001000

Duration

4 x 1/2 days

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Classroom/Virtual classroom

Training Contact

EMBDTrainingRequest@se.com



PowerLogic T300:
Install & Commission (Tech Level1)

Course Description

Participants will learn how to perform on-site installation and commissioning of PowerLogic T300 units connected to electrical MV/LV equipment and remote/ local SCADA or ADMS

Target Audience

- Installer
- Commissioning engineer
- Field Service Engineer

Prerequisites

- Having attended PowerLogic T300 overview (SALE0001000)
- Experienced with MV equipment installation and commissioning
- Understanding of protection/fault detection settings
- Knowledge of SCADA communication protocols
- Deep dive the Use Case Reliability – FLISR (ENGECXES0001004)
- Learn More About the Connected RM6 Offer (ERGPRDE0001004)

Objectives

- Understand PowerLogic T300 architecture and typical applications
- Install an PowerLogic T300 unit
- Manage firmware upgrades
- Apply/Save/Modify PowerLogic T300 configurations
- Tune applicative settings using PowerLogic T300 Webserver interface
- Check SCADA remote communication using open standard SCADA protocols
- Conduct basic diagnostics using basic injection means
- Achieve on-site commissioning with customer

Basic

Course ID

ERGNRGI0001001

Duration

1 day

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Classroom/Virtual classroom

Training Contact

EMBDTrainingRequest@se.com



PowerLogic T300: Custom Enclosure
Engineering

Course Description

Participants will learn how to assemble & test their own cabinet or Smart RMU LV box containing an PowerLogic T300, to be connected to electrical MV/LV equipment.

Target Audience

- Cabinet Designer, Quality, Production line Operator
- Field Service Engineer

Prerequisites

- Having attended PowerLogic T300: overview (SALE0001000)
- Experienced with MV equipment (Motor, Sensors)
- Deep dive the Use Case Reliability – FLISR (ENGECXES0001004)
- Learn More About the Connected RM6 Offer (ERGPRDE0001004)
- PowerLogic T300: Install & Commission (Tech Level1)

Objectives

- Understand PowerLogic T300 physical interfaces
- Identify signals from MV Equipment and MV Substation to be connected
- Assemble an PowerLogic T300 Cabinet or Smart RMU LV Box
- Test an PowerLogic T300 Cabinet or Smart RMU
- Manage firmware upgrades
- Apply/Save/Modify PowerLogic T300 configurations
- Tune basic settings using PowerLogic T300 Webserver interface

Basic

Course ID

ERGNRGV0001001

Duration

4 x 1/2 days

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Classroom/Virtual Classroom

Training Contact

EMBDTrainingRequest@se.com



PowerLogic T300: Design & Configuration
(Tech Level 2)

Course Description

Participants will learn how to define and execute a customer project with PowerLogic T300 connected to electrical MV/LV equipment and remote/local SCADA or ADMS.

Target Audience

- Application Engineer / Product Application Engineer
- Contracting Department (Design & Tendering)
- Technical Support engineer L1-L2-L3

Prerequisites

- Having attended PowerLogic T300 overview (SALE0001000)
- Deep dive the Use Case Reliability – FLISR (ENGECXES0001004)

Objectives

- Understand PowerLogic T300 architecture and typical applications
- Select the most relevant system architecture for a given project
- Build a basic configuration
- Configure remote communication using open standard SCADA protocols
- Configure a local Modbus communication and integrate a VIP410 slave device
- Install an PowerLogic T300 unit
- Manage firmware upgrades
- Apply/Save/Modify PowerLogic T300 configurations
- Tune applicative settings using PowerLogic T300 Webserver interface
- Conduct basic diagnostics using basic injection means

Basic

Course ID

ERGNRGV0001011

Duration

2 x 1/2 days

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Classroom/Virtual Classroom

Training Contact

EMBDTrainingRequest@se.com



PowerLogic T300: Configuration

Course Description

Participants will learn how to create the configuration for an PowerLogic T300 connected to electrical MV/LV equipment and remote/local SCADA or ADMS for an already defined architecture.

Target Audience

- Commercial wishing to prepare custom demonstration
- Application Engineer / Product Application Engineer
- Contracting Department (Design & Tendering)
- Technical Support engineer L1-L2-L3.
- Installer for more autonomy in adjusting/creating configuration

Prerequisites

- Having attended PowerLogic T300 overview (SALE0001000)
- Deep dive the Use Case Reliability – FLISR (ENGECXES0001004)
- PowerLogic T300 Promote & PowerLogic T300 Prescribe & Sellor PowerLogic T300 Install & Commissioning

Objectives

- Build a basic configuration
- Configure remote communication using open standard SCADA protocols
- Configure a local Modbus communication and integrate a VIP410 slave device
- Apply/Save/Modify PowerLogic T300 configurations

Intermediate

Course ID

ERGNRGV0001002

Duration

4 days

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Classroom/Virtual Classroom

Training Contact

EMBDTrainingRequest@se.com



Distribution Automation:
Standard Communication Protocols

Course Description

Participants will learn basics of standard electrical communication protocols and how to configure and test them in PowerLogic T300, PowerLogic T500 or EasyLogic T150.

Target Audience

- Application Engineer / Product Application Engineer
- Contracting Department (Design & Tendering)
- Commissioning & Field Service Engineer
- Technical Support engineer L1-L2-L3.

Prerequisites

Having attended PowerLogic T300, PowerLogic T500 or EasyLogic T150 Design & Configure training

Objectives

- Understand communication protocols concepts based on OSI Model
- Configure and test a communication, with first level analysis of traffic for:
 - Modbus
 - IEC 60870-5-101 & 104
 - DNP3

Intermediate

Course ID

ERGNRGI0001002

Duration

4 x 1/2 days

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Classroom/Virtual Classroom

Training Contact

EMBDTrainingRequest@se.com



PowerLogic T300:
Advanced Design & Configuration (Tech Level 3)

Course Description

Participants will learn how to define and execute an advanced customer project with PowerLogic T300 connected to electrical equipment and SCADA/ADMS, using advanced features.

Target Audience

- Application Engineer / Product Application Engineer
- Contracting Department (Design & Tendering)
- Technical Support engineer L1-L2-L3.
- Advanced Field Service Engineer

Prerequisites

- Having attended PowerLogic T300: Design & Configure
- Be fluent in IEC 60870-5-104, DNP3, Modbus protocols
- Deep dive the Use Case Reliability – FLISR (ENGECXES0001004)

Objectives

- Integrate with SCADA (PSO/ADMS/3rd party): use default mapping
- Build advanced configuration including advanced usage of formulas
- Understand and configure upstream & downstream connections using standard electric protocols. Integrate 1 Modbus device. Integrate 1 IEC 61850 IED.
- Understand principles of defining ISaGRAF programs with PowerLogic T300
- Understand PowerLogic T300 Cybersecurity features and CAE usage

Intermediate

Distribution Automation Cybersecurity Awareness Part 1: Features

Course ID

ERGNRGD0001023



Duration

60 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

Course Description

Participants will learn cybersecurity features provided by Distribution Automation RTU offer and how to configure them:

- Part1: Cybersecurity features (1h Webinar)
- Part2: Cybersecurity administation through Webserver (1/2 h Webinar)
- Part3: Using Cybersecurity Administration Expert (CAE) tool (1/2h Webinar)

Target Audience

- Application Engineer / Product Application Engineer
- Contracting Department (Design & Tendering)
- Commissioning & Field Service Engineer
- Technical Support engineer L1-L2-L3.

Prerequisites

Having attended PowerLogic T300, PowerLogic T500 or EasyLogic T150 Design & Configure training

Objectives

- List Cybersecurity features implemented in Distribution Automation RTU offer
- Know RBAC model and ways to manage it
- Act as security administrator through webserver
- Use CAE tool to manage RBAC model, advanced security settings and deploy security configuration

Intermediate

Distribution Automation Cybersecurity Awareness Part 2: Webserver Admin

Course ID

ERGNRGD0001024



Duration

30 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

Course Description

Participants will learn cybersecurity features provided by Distribution Automation RTU offer and how to configure them:

- Part1: Cybersecurity features (1h Webinar)
- Part2: Cybersecurity administration through Webserver (1/2 h Webinar)

Target Audience

- Application Engineer / Product Application Engineer
- Contracting Department (Design & Tendering)
- Commissioning & Field Service Engineer
- Technical Support engineer L1-L2-L3.

Prerequisites

- Having attended PowerLogic T300, PowerLogic T500 or EasyLogic T150 Design & Configure training
- Having attended Distribution Automation: Cybersecurity awareness Part1

Objectives

- List Cybersecurity features implemented in Distribution Automation RTU offer
- Know RBAC model and how to manage it through CAE
- Act as security administrator through webserver
- Use CAE tool to manage advanced security settings and deploy security configuration

Intermediate

Distribution Automation Cybersecurity Awareness Part 3: Using CAE Tool

Course ID

ERGNRGD0001025



Duration

35 minutes

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

Course Description

Participants will learn cybersecurity features provided by Distribution Automation RTU offer and how to configure them:

- Part 1: Cybersecurity features (1h Webinar)
- Part2: Cybersecurity administration through Webserver (1/2 h Webinar)

Target Audience

- Application Engineer / Product Application Engineer
- Contracting Department (Design & Tendering)
- Commissioning & Field Service Engineer
- Technical Support engineer L1-L2-L3.

Prerequisites

- Having attended PowerLogic T300, PowerLogic T500 or EasyLogic T150 Design & Configure training
- Having attended Distribution Automation: Cybersecurity awareness Parts 1 & 2

Objectives

- List Cybersecurity features implemented in Distribution Automation RTU offer
- Know RBAC model and how to manage it through CAE
- Act as security administrator through webserver
- Use CAE tool to manage advanced security settings and deploy security configuration

Intermediate

Distribution Automation: Cybersecurity awareness Part4

Course ID

ERGNRGD0001024



Duration

15 minutes

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

Course Description

Participants will learn cybersecurity features provided by Distribution Automation RTU offer and how to configure them:

Part1: Cybersecurity features (1h Webinar)

Part2: Cybersecurity administration through Webserver (1/2 h Webinar)

Part3: Using Cybersecurity Administration Expert (CAE) tool (1/2h Webinar)

Part4: Update 2024 (1/4h webinar)

Target Audience

- Application Engineer / Product Application Engineer
- Contracting Department (Design & Tendering)
- Commissioning & Field Service Engineer
- Technical Support engineer L1-L2-L3.

Prerequisites

- Having attended PowerLogic T300, PowerLogic T500 or EasyLogic T150 Design & Configure training
- Having attended to previous parts of Cybersecurity, and get used to CAE

Objectives

Upon completion the participant will be updated on:

- Cybersecurity features implemented in Distribution Automation RTU offer
- Cybersecurity Certification status
- Impact of rebranding to PowerLogic
- New features (Protocols over TLS, certificates, LDAP, Fleet management with ESM, Reset to Factory)

Advanced

Distribution Automation: IEC 61850

Course ID

ERGNRGV0001004

Duration

3 days



Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

Classroom/virtual classroom

Training Contact

EMBDTrainingRequest@se.com

Course Description

Participants will learn how to configure PowerLogic T300, -T2xx, T5xx as IEC 61850 client or server:

- IEC 61850 configuration in Easergy builder
- IEC 61850 database
- Server configuration
- Client configuration
- Introduction to traffic analysis

Target Audience

- Application Engineer / Product Application Engineer
- System Designer, Project design team
- Technical Support engineer L3

Prerequisites

- Having attended PowerLogic T300, PowerLogic T500 or EasyLogic T150 “Design & Configure” training
- Having followed “Discover IEC 61850” (PTRCROE045) training
- Previous IEC 61850 project experience
- Experience on Distribution Automation standard communication protocols

Objectives

- Configure PowerLogic T300, T2xx, T5xx as client of IEC 61850 IEDs
- Configure PowerLogic T300, T2xx, T5xx as server to IEC 61850 SCADA for native modules
- Connect to 1 IEC 61850 IED
- Connect to an IEC 61850 Client simulator

Advanced

Distribution Automation: ISaGRAF

Course ID

ERGNRGV0001005

Duration

2 days



Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

Classroom/virtual classroom

Training Contact

EMBDTrainingRequest@se.com

Course Description

Participants will learn how to add an automation program using ISaGRAF workbench to PowerLogic T300, PowerLogic T500 or EasyLogic T150

- Integration principles with RTU
- Configuring interface to ISaGRAF with Easergy Builder
- Create/Modify examples

Target Audience

- Application Engineer / Product Application Engineer
- System Designer, Project design team
- Technical Support engineer L3

Prerequisites

- Having attended PowerLogic T300, PowerLogic T500 or EasyLogic T150 “Design & Configure” training
- Previous automatisms project experience, preferably using ISaGRAF
- Knowledge on Automatism programming language
- Having an ISaGRAF workbench license installed (In-Class sessions)

Objectives

- Add an automation program
- Load automation program in RTU
- Use an Application Note describing a simple automatism

Advanced

Course ID

ERGNRGV0001012



Duration

3 x 1/2 days

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Virtual classroom

Training Contact

EMBDTrainingRequest@se.com

PowerLogic T300: Self Healing Grid

Course Description

Participants will learn how to define and execute an advanced customer project with PowerLogic T300 connected to electrical equipment and SCADA/ADMS, implementing a self healing scheme.

Target Audience

- Application Engineer / Product Application Engineer
- Contracting Department (Design & Tendering)
- Technical Support engineer L2-L3.
- Advanced Field Service Engineer

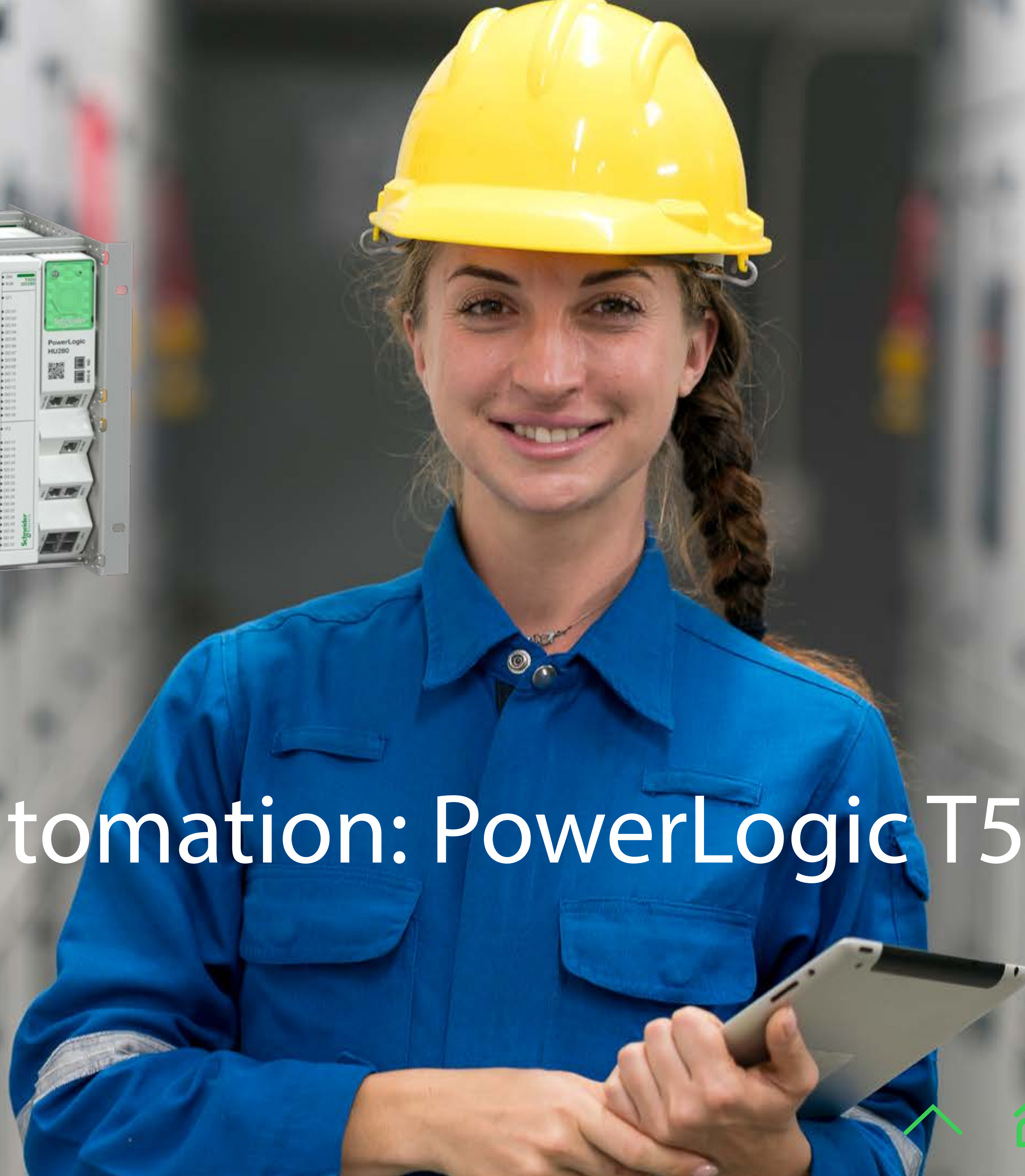
Prerequisites

- Having attended PowerLogic T300: Advanced Design & Configure (Level3) (ERGNRGI0001002)
- Having executed first projects
- Be fluent in IEC 60870-5-104, DNP3, Modbus protocols
- Deep dive the Use Case Reliability – FLISR (ENGEEXES0001004)
- Have an PowerLogic T300 and an ISaGRAF 5.2 license available

Objectives

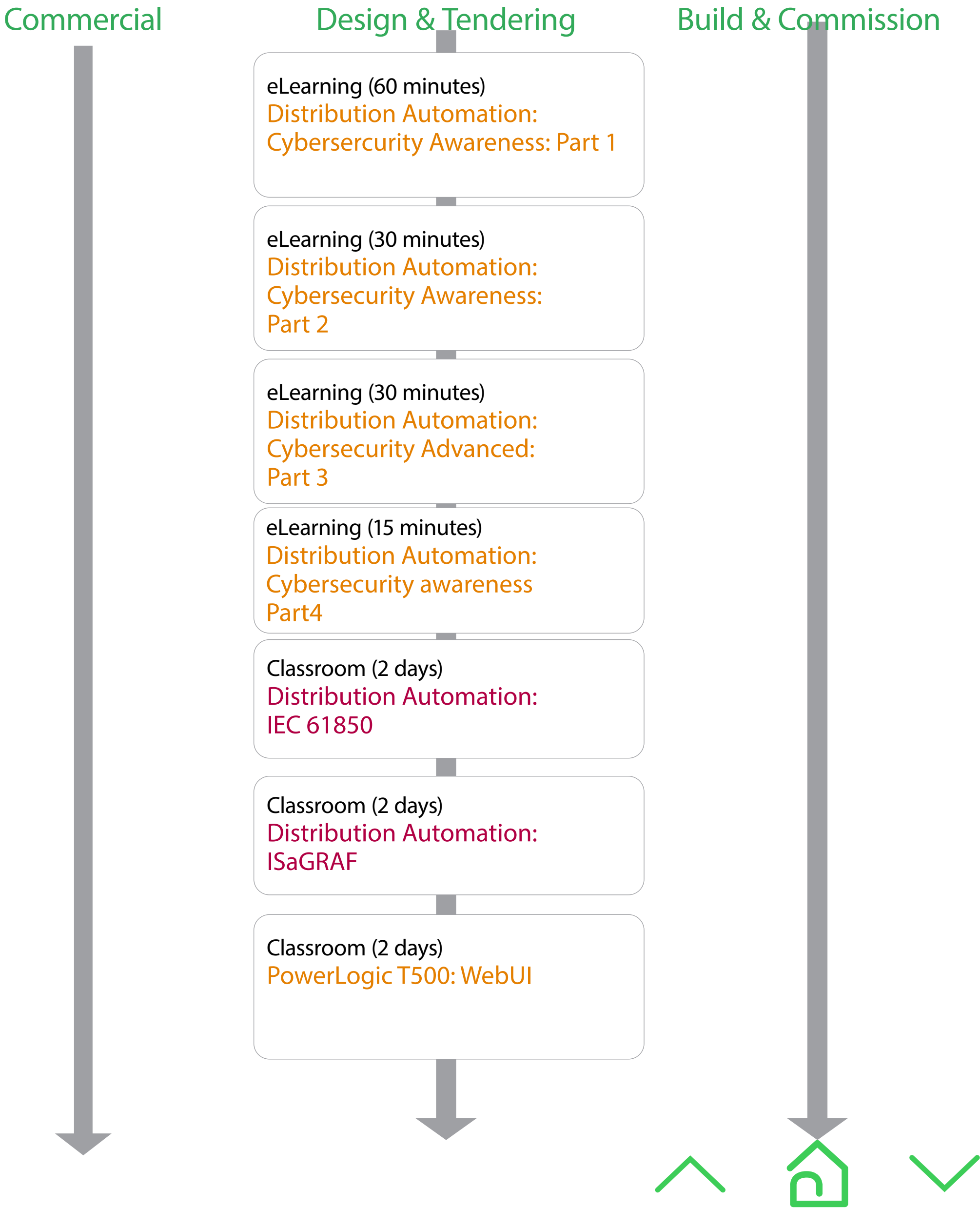
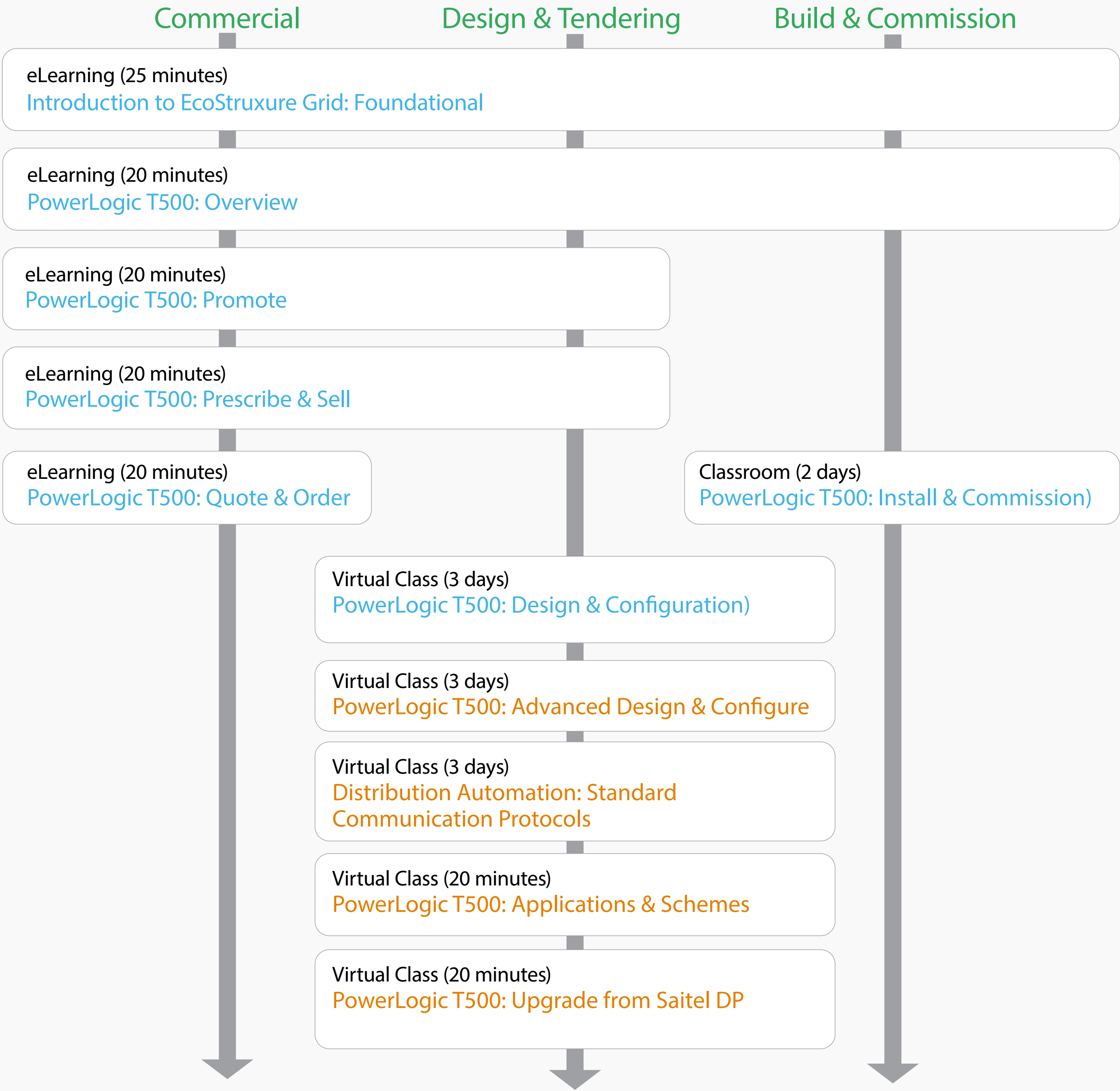
- Understand Self-Healing application and operating principles
- Define the system architecture based on PowerLogic T300 for Self Healing application
- Replicate a demo Self Healing platform and test it
- Understand what has to be done to add Self Healing automatism to an existing configuration





Distribution Automation: PowerLogic T500





Basic

Course ID
PRDE0001020



Duration
25 minutes

Registration
Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method
eLearning

Training Contact
EMBDTrainingRequest@se.com

Introduction to EcoStruxure Grid: Foundational

Course Description
This course is an introduction to the domain, the value-proposition it brings to our customers and the different offers. This course will help you understand EcoStruxure Grid and its unique value proposition.

Target Audience
Anyone interested in understanding EcoStruxure Power.

Prerequisites
None

- Objectives
- To gain understanding on EcoStruxure Power and the segments in which it plays a key role
 - Review the Power Industry and Electrical Distribution Domain
 - To understand how the 3D+E equation redefines the world of energy

Basic

Course ID
Coming soon!!!



Duration
20 minutes

Registration
Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method
Video

Training Contact
EMBDTrainingRequest@se.com

PowerLogic T500: Overview

Course Description
In this session, participants will discover PowerLogic T500 offer for Distribution Automation.

- Target Audience
- Marketing & Sales
 - Application Engineer /Product Application Engineer
 - Technical Support engineer L1-L2-L3
 - Field Service Engineer
 - System Integrator/Partner

- Prerequisites
- Knowledge of MV Distribution Networks (architecture, topology, equipment, neutral grounding system, fault detection)
 - Introduction to EcoStruxure Grid: Foundational (PRDE0001020)

- Objectives
- Be aware of Electrical Utilities and Commercial & Industrial Buildings main challenges with their medium voltage distribution network
 - Understand how PowerLogic T500 helps address these challenges
 - Be able to describe PowerLogic T500 main features

Basic

PowerLogic T500: Promote

Course ID

Coming soon!!!



Duration

20 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

Course Description

In this session, participants will learn value proposal, in order to promote and convince their customers of the benefits they will get in selecting PowerLogic T500 offer for their Distribution Automation.

Target Audience

- Marketing & Sales
- Application Engineer/Product Application Engineer
- Technical Support engineer L1-L2-L3
- System Integrator/rtner

Prerequisites

Introduction to EcoStruxure Grid: Foundational (PRDE0001020)

Objectives

- Upon completion the participant will:
- Understand customer challenges in distribution automation
- Understand how PowerLogic T500 helps address these challenges
- Be able to describe PowerLogic T500 main features and attached benefits
- Be able to engage and convince customers that PowerLogic T500 is the solution they need

Basic

PowerLogic T500 : Prescribe & Sell

Course Description

In this session, participants will learn how to detect, evaluate, and bid for opportunities in Distribution Automation with PowerLogic T500 offer on Electrical Utility market.

Target Audience

- Marketing & Sales
- Application Engineer/Product Application Engineer
- Technical Support engineer L1-L2-L3
- System Integrator/Partner

Prerequisites

- Having attended PowerLogic T500 :
- Promote Knowledge of MV Distribution Networks (architecture, topology, equipment, neutral grounding system, fault detection)
- Introduction to EcoStruxure Grid: Foundational (PRDE0001020)

Objectives

- Detect/Evaluate/Prioritize opportunities that can be addressed by PowerLogic T500 solution
- Learn to spec in PowerLogic T500 features
- Understand delivery model
- Identify and understand customer specificities
- to choose and position the PowerLogic T500 offer, answer to requests for information and bid to requests for quotation
-

Basic

PowerLogic T500: Quote & Order

Course ID

Coming soon!!!



Duration

20 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

Course Description

In this session, participants will learn how to quote and order with PowerLogic T500 offer

Target Audience

- Having attended PowerLogic T500: Promote +Prescribe& Sell
- Knowledge of MV Distribution Networks (architecture, topology, equipment, neutral grounding system, fault detection)
- Introduction to EcoStruxure Grid: Foundational (PRDE0001020)

Prerequisites

None

Objectives

- Having attended PowerLogic T500 : Promote + Prescribe& Sell
- Knowledge of MV Distribution Networks
- (architecture, topology, equipment, neutral grounding system, fault detection)
- Introduction to EcoStruxure Grid: Foundational (PRDE0001020)

Basic

PowerLogic T500: Install & Commission

Course ID

Coming soon!!!



Duration

2 days (8 hours)

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Classroom

Training Contact

EMBDTrainingRequest@se.com

Course Description

Participants will learn how to perform on-site installation and commissioning of Powerlogic T500 units connected to electrical MV/LV equipment and remote/local SCADA.

Target Audience

- Installer
- Commissioning engineer
- Field Service Engineer

Prerequisites

- Having attended Powerlogic T500 overview.
- Experienced with MV equipment installation and commissioning
- Understanding of protection/fault detection settings
- Knowledge of SCADA communication protocols
- Introduction to EcoStruxure Grid: Foundational (PRDE0001020)

Objectives

- Understand Powerlogic T500 architecture and typical applications
- Install a Powerlogic T500 unit: Manage firmware upgrades, Apply/Save/Modify Saitel configurations
- Check SCADA remote communication using open standard SCADA protocols
- Conduct basic diagnostics using basic injection means
- Achieve on-site commissioning with customer



Basic

PowerLogic T500: Design & Configuration

Course ID

BLDPRDIS0001025



Duration

3 days (12 hours)

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

classroom

Training Contact

EMBDTrainingRequest@se.com

Course Description

Participants will learn how to define and configure a project with Powerlogic T500 connected to electrical MV/LV equipment and remote/local SCADA.

Target Audience

- Application Engineer / Product Application Engineer
- Contracting Department (Design & Tendering)
- Technical Support engineer L1-L2-L3

Prerequisites

- Having attended Powerlogic T500 overview
- Introduction to EcoStruxure Grid: Foundational (PRDE0001020)

Objectives

- Understand Powerlogic T500 architectures and typical applications
- Select the most relevant system architecture for a given project
- Build a basic configuration
- Configure remote communication using open standard SCADA protocols
- Configure a local Modbus communication and integrate slave devices
- Install a Powerlogic T500 unit. Manage firmware upgrades
- Apply/Save/Modify Powerlogic T500 configurations
- Conduct basic diagnostics using basic injection means

Intermediate

PowerLogic T500: Advanced Design & Configure

Course ID

BLDPRDIS0001026



Duration

3 days (12 hours)

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Classroom

Training Contact

EMBDTrainingRequest@se.com

Course Description

Participants will learn how to define and configure a project with Powerlogic T500 connected to electrical MV/LV equipment and remote/local SCADA, using advanced features.

Target Audience

- Application Engineer / Product Application Engineer
- Contracting Department (Design & Tendering)
- Technical Support engineer L1-L2-L3.
- Advanced Field Service Engineer

Prerequisites

- Having attended Powerlogic T500: Design & Configure
- Be fluent in IEC 60870-5-104, DNP3, Modbus protocols
- Introduction to EcoStruxure Grid: Foundational (PRDE0001020))

Objectives

- Integrate with SCADA
- Build advanced configuration including advanced usage of formulas, redundancy and synchronization
- Understand and configure upstream & downstream connections using standard electric protocols. Integrate one Modbus device. Integrate one IEC61850 IED.
- Understand principles of defining ISaGRAF programs with Powerlogic T500
- Understand Saitel Cybersecurity features and CAE usage
- Understand network configuration

Intermediate

Cybersecurity Awareness Part 1: Features

Course Description

Participants will learn cybersecurity features provided by Distribution Automation RTU offer and how to configure them:

- Part1: Cybersecurity features (1h Webinar)
- Part2: Cybersecurity administration through Webserver (1/2 h Webinar)
- Part3: Using Cybersecurity Administration Expert (CAE) tool (1/2h Webinar)

Target Audience

- Application Engineer / Product Application Engineer
- Contracting Department (Design & Tendering)
- Technical Support engineer L1-L2-L3

Prerequisites

- Having attended Powerlogic T500 overview and PowerLogic T500 Design & Configure training

Objectives

- List Cybersecurity features implemented in Distribution Automation RTU offer
- Know RBAC model and ways to manage it
- Act as security administrator through webserver
- Use CAE tool to manage RBAC model, advanced security settings and deploy security configuration

Intermediate

Distribution Automation Cybersecurity Awareness Part 2: Webserver Admin

Course Description

Participants will learn cybersecurity features provided by Distribution Automation RTU offer and how to configure them:

- Part1: Cybersecurity features (1h Webinar)
- Part2: Cybersecurity administration through Webserver (1/2 h Webinar)

Target Audience

- Application Engineer / Product Application Engineer
- Contracting Department (Design & Tendering)
- Technical Support engineer L1-L2-L3.
- Advanced Field Service Engineer

Prerequisites

- Having attended PowerLogic T300, PowerLogic T500 Design & Configure training
- Having attended Distribution Automation: Cybersecurity awareness Part1

Objectives

- List Cybersecurity features implemented in Distribution Automation RTU offer
- Know RBAC model and how to manage it through CAE
- Act as security administrator through webserver
- Use CAE tool to manage advanced security settings and deploy security configuration

Intermediate

Course ID

ERGNRGD0001025



Duration

35 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

Distribution Automation Cybersecurity Awareness
Part 3: Using CAE Tool

Course Description

Participants will learn cybersecurity features provided by Distribution Automation RTU offer and how to configure them:

- Part 1: Cybersecurity features (1h Webinar)
- Part2: Cybersecurity administration through Webserver (1/2 h Webinar)

Target Audience

- Application Engineer / Product Application Engineer
- Contracting Department (Design & Tendering)
- Commissioning & Field Service Engineer
- Technical Support engineer L1-L2-L3.

Prerequisites

- Having attended PowerLogic T300, Saitel or EasyLogic T150 Design & Configure training
- Having attended Distribution Automation: Cybersecurity awareness Parts 1 & 2

Objectives

- List Cybersecurity features implemented in Distribution Automation RTU offer
- Know RBAC model and how to manage it through CAE
- Act as security administrator through webserver
- Use CAE tool to manage advanced security settings and deploy security configuration

Intermediate

Course ID

ERGNRGD0001024



Duration

15 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

Distribution Automation: Cybersecurity awareness
Part4

Course Description

Participants will learn cybersecurity features provided by Distribution Automation RTU offer and how to configure them:

- Part1: Cybersecurity features (1h Webinar)
- Part2: Cybersecurity administration through Webserver (1/2 h Webinar)
- Part3: Using Cybersecurity Administration Expert (CAE) tool (1/2h Webinar)
- Part4: Update 2024 (1/4h webinar)

Target Audience

- Application Engineer / Product Application Engineer
- Contracting Department (Design & Tendering)
- Commissioning & Field Service Engineer
- Technical Support engineer L1-L2-L3.

Prerequisites

- Having attended PowerLogic T300 or EasyLogic T150 Design & Configure training
- Having attended to previous parts of Cybersecurity, and get used to CAE

Objectives

Upon completion the participant will be updated on:

- Cybersecurity features implemented in Distribution Automation RTU offer
- Cybersecurity Certification status
- Impact of rebranding to PowerLogic
- New features (Protocols over TLS, certificates, LDAP, Fleet management with ESM, Reset to Factory)



Intermediate

Course ID
ERGNRGV0001002

Duration
4 days

Registration
Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method
Classroom/Virtual Classroom

Training Contact
EMBDTrainingRequest@se.com



Distribution Automation:
Standard Communication Protocols

Course Description
Participants will learn basics of standard electrical communication protocols and how to configure and test them in PowerLogic T300 and EasyLogic T150.

Target Audience

- Application Engineer / Product Application Engineer
- Contracting Department (Design & Tendering)
- Commissioning & Field Service Engineer
- Technical Support engineer L1-L2-L3.

Prerequisites
Having attended PowerLogic T300 or EasyLogic T150 Design & Configure training

Objectives

- Understand communication protocols concepts based on OSI Model
- Configure and test a communication, with first level analysis of traffic for:
 - Modbus
 - IEC 60870-5-101 & 104
 - DNP3

Advanced

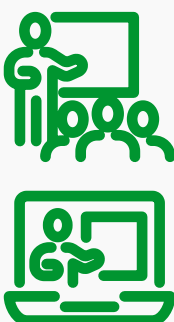
Course ID
ERGNRGV0001004

Duration
3 days

Registration
Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method
Classroom/virtual classroom

Training Contact
EMBDTrainingRequest@se.com



Distribution Automation: IEC 61850

Course Description
Participants will learn how to configure PowerLogic T300, PowerLogic T500 or EasyLogic T150 as IEC 61850 client or server:

- IEC 61850 configuration in Easergy builder
- IEC 61850 database
- Server configuration
- Client configuration
- Introduction to traffic analysis

Target Audience

- Application Engineer / Product Application Engineer
- System Designer, Project design team
- Technical Support engineer L3

Prerequisites

- Having attended PowerLogic T300, PowerLogic T500 or EasyLogic T150 “Design & Configure” training
- Having followed “Discover IEC 61850” (PTRCROE045) training
- Previous IEC 61850 project experience
- Experience on Distribution Automation standard communication protocols

Objectives

- Configure PowerLogic T300, PowerLogic T500 or EasyLogic T150 as client of IEC 61850 IEDs
- Configure PowerLogic T300, PowerLogic T500 or EasyLogic T150 as server to IEC 61850 SCADA for native modules
- Connect to 1 IEC 61850 IED
- Connect to an IEC 61850 Client simulator

Advanced

Distribution Automation: ISaGRAF

Course ID

ERGNRGV0001005



Duration

2 days



Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

Classroom/virtual classroom

Training Contact

EMBDTrainingRequest@se.com

Course Description

Participants will learn how to add an automation program using ISaGRAF workbench to PowerLogic T300, PowerLogic T500 or EasyLogic T150

- Integration principles with RTU
- Configuring interface to ISaGRAF with Easergy Builder
- Create/Modify examples

Target Audience

- Application Engineer / Product Application Engineer
- System Designer, Project design team
- Technical Support engineer L3

Prerequisites

- Having attended PowerLogic T300, PowerLogic T500 or EasyLogic T150 “Design & Configure” training
- Previous automatism project experience, preferably using ISaGRAF
- Knowledge on Automatism programming language
- Having an ISaGRAF workbench license installed (In-Class sessions)

Objectives

- Add an automation program
- Load automation program in RTU
- Use an Application Note describing a simple automatism

Intermediate

Course ID

BLDPRDVS0001001



Duration

2 days

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

Virtual classroom

Training Contact

EMBDTrainingRequest@se.com

PowerLogic T500: WebUI

Course Description

Participants will learn how to configure and operate a Saitel local HMI (WebUI).

Target Audience

- ApplicationEngineer / Product Application Engineer
- Contracting Department (Design & Tendering)
- Technical Support engineer L1-L2-L3.
- Advanced Field Service Engineer

Prerequisites

- Having attended PowerLogic T500 or EasyLogic T150 Design & Configure (ERGNRGI1001001)
- Introduction to EcoStruxure Grid: Foundational (PRDE0001020)

Objectives

- Operate a Saitel WebUI
- Build and install WebUI configuration
- Debug a WebUI project

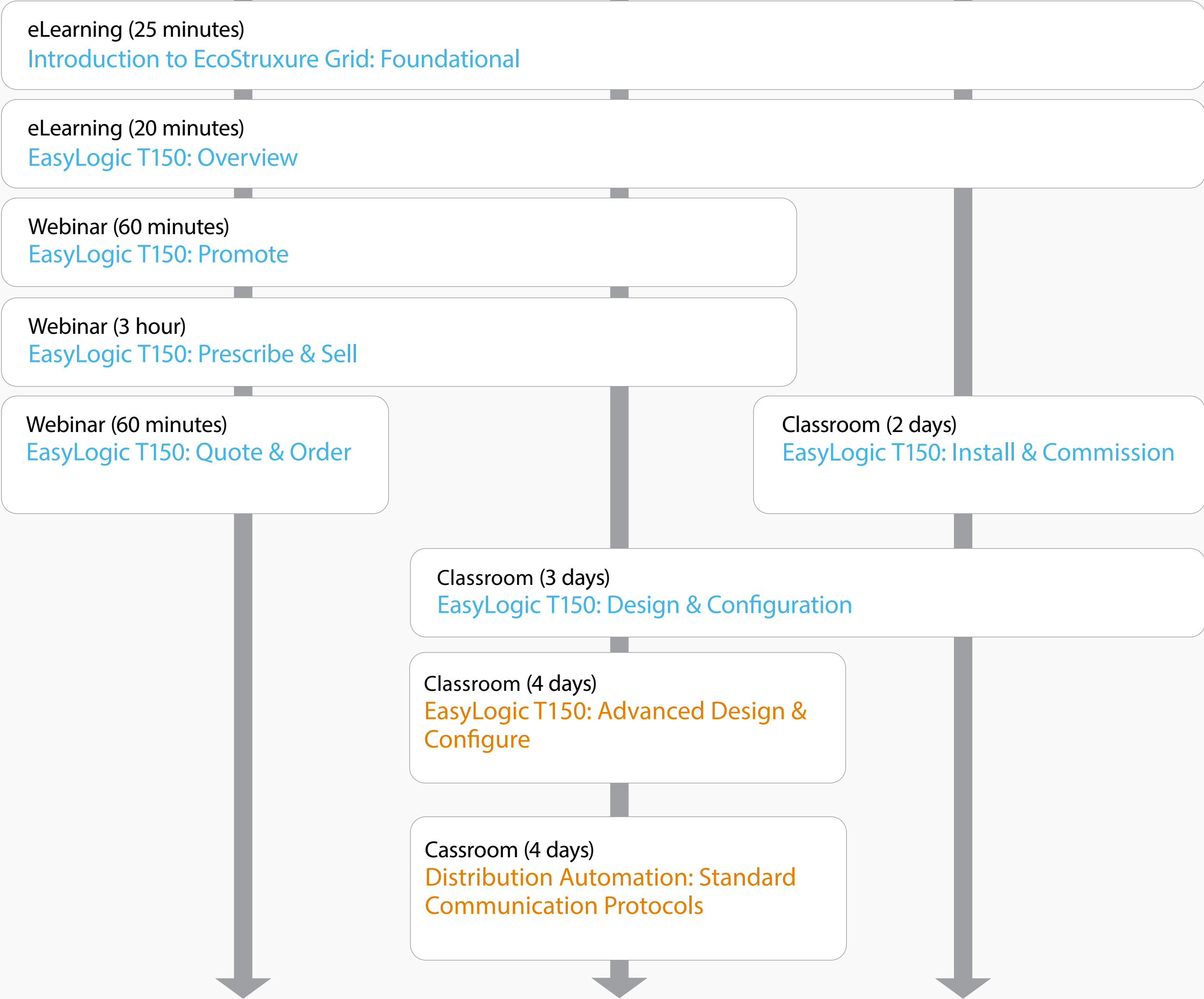


Distribution Automation: EasyLogic T150

Commercial

Design & Tendering

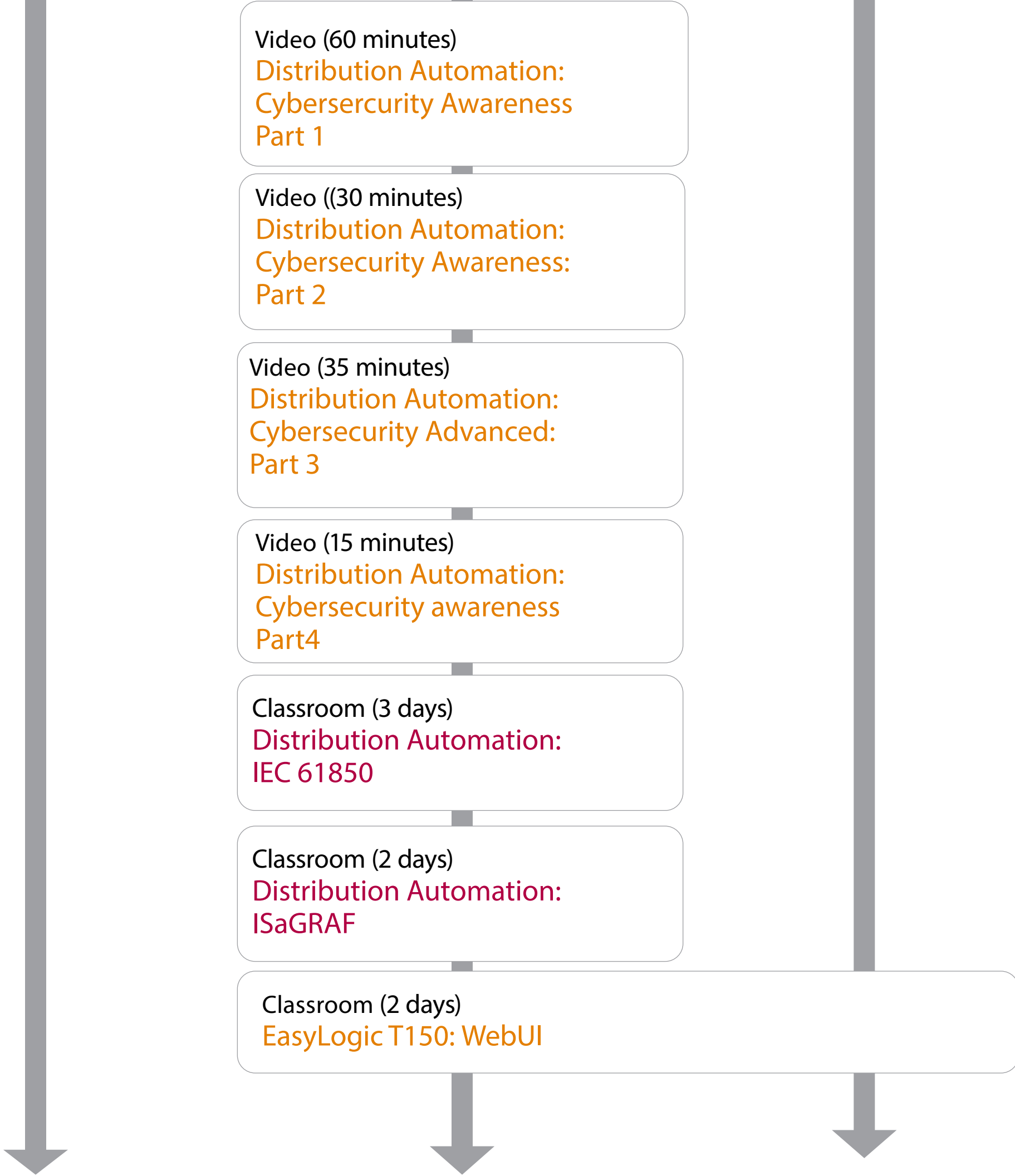
Build & Comission



Commercial

Design & Tendering

Build & Comission



Basic

Course ID
PRDE0001020



Duration
25 minutes

Registration
Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method
eLearning

Training Contact
EMBDTrainingRequest@se.com

Introduction to EcoStruxure Grid:
Foundational

Course Description
This course is an introduction to the domain, the value-proposition it brings to our customers and the different offers. This course will help you understand EcoStruxure Grid and its unique value proposition.

Target Audience
Anyone interested in understanding EcoStruxure Power.

Prerequisites
None

- Objectives
- To gain understanding on EcoStruxure Power and the segments in which it plays a key role
 - Review the Power Industry and Electrical Distribution Domain
 - To understand how the 3D+E equation redefines the world of energy

Basic

Course ID
ERGNRGD0001030



Duration
20 minutes

Registration
Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method
Video

Training Contact
EMBDTrainingRequest@se.com

EasyLogic T150: Overview

Course Description
In this session, participants will discover EasyLogic T150 offer for Distribution Automation.

- Target Audience
- Marketing & Sales
 - Application Engineer /Product Application Engineer
 - Technical Support engineer L1-L2-L3
 - Field Service Engineer
 - System Integrator/Partner

- Prerequisites
- Knowledge of MV Distribution Networks (architecture, topology, equipment, neutral grounding system, fault detection)
 - Introduction to EcoStruxure Grid: Foundational (PRDE0001020)

- Objectives
- Be aware of Electrical Utilities and Commercial & Industrial Buildings main challenges with their medium voltage distribution network
 - Understand how EasyLogic T150 helps address these challenges
 - Be able to describe EasyLogic T150 main features

Basic

Course ID
ERGNRGD0001031



Duration
30 minutes

Registration
Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method
Video

Training Contact
EMBDTrainingRequest@se.com

EasyLogic T150: Promote

Course Description
In this session, participants will learn value proposal, in order to promote and convince their customers of the benefits they will get in selecting EasyLogic T150 offer for their Distribution Automation.

Target Audience

- Marketing & Sales
- Application Engineer/Product Application Engineer
- Technical Support engineer L1-L2-L3
- System Integrator/rtner

Prerequisites
Introduction to EcoStruxure Grid: Foundational (PRDE0001020)

Objectives

- Upon completion the participant will:
- Understand customer challenges in distribution automation
- Understand how EasyLogic T150 helps address these challenges
- Be able to describe EasyLogic T150 main features and attached benefits
- Be able to engage and convince customers that Saitel DP & DR is the solution they need

Basic

Course ID
ERGNRGD0001032



Duration
3 hours

Registration
Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method
Video

Training Contact
EMBDTrainingRequest@se.com

EasyLogic T150: Prescribe & Sell

Course Description
In this session, participants will learn how to detect, evaluate, and bid for opportunities in Distribution Automation with EasyLogic T150 offer on Electrical Utility market.

Target Audience

- Marketing & Sales
- Application Engineer/Product Application Engineer
- Technical Support engineer L1-L2-L3
- System Integrator/Partner

Prerequisites

- Having attended EasyLogic T150 Promote
- Knowledge of MV Distribution Networks (architecture, topology, equipment, neutral grounding system, fault detection)
- Introduction to EcoStruxure Grid: Foundational (PRDE0001020)

Objectives

- Detect/Evaluate/Prioritize opportunities that can be addressed by EasyLogic T150 solution
- Learn to spec in EasyLogic T150 features
- Understand delivery model
- Identify and understand customer specificities to choose and position the EasyLogic T150 offer, answer to requests for information and bid to requests for quotation

Basic

Course ID
ERGNRGW1001000



Duration
2 hours

Registration
Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method
Webinar

Training Contact
EMBDTrainingRequest@se.com

EasyLogic T150: Quote & Order

Course Description
In this session, participants will learn how to quote and order with EasyLogic T150 offer.

Target Audience
Marketing & Sales

Prerequisites

- Having attended EasyLogic T150 Promote + Prescribe& Sell
- Knowledge of MV Distribution Networks (architecture, topology, equipment, neutral grounding system, fault detection)
- Introduction to EcoStruxure Grid: Foundational (PRDE0001020)

Objectives

- Having attended EasyLogic T150 Promote + Prescribe& Sell
- Knowledge of MV Distribution Networks (architecture, topology, equipment, neutral grounding system, fault detection)
- Introduction to EcoStruxure Grid: Foundational (PRDE0001020)

Basic

Course ID
ERGNRGI1001002



Duration
2 days

Registration
Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method
Virtual classroom

Training Contact
EMBDTrainingRequest@se.com

EasyLogic T150: Install & Commission

Course Description
Participants will learn how to perform on-site installation and commissioning of Saitel units connected to electrical MV/LV equipment and remote/local SCADA or ADMS.

Target Audience

- Installer
- Commissioning engineer
- Field Service Engineer

Prerequisites

- Having attended EasyLogic T150 overview (SALE0001000) and EasyLogic T150 Overview (SALE0001033)
- Experienced with MV equipment installation and commissioning
- Understanding of protection/fault detection settings
- Knowledge of SCADA communication protocols
- Introduction to EcoStruxure Grid: Foundational (PRDE0001020)

Objectives

- Understand EasyLogic T150 architecture and typical applications
- Install a EasyLogic T150 unit: Manage firmware upgrades, Apply/Save/Modify EasyLogic T150 configurations
- Check SCADA remote communication using open standard SCADA protocols
- Conduct basic diagnostics using basic injection means
- Achieve on-site commissioning with customer

Basic

EasyLogic T150: Design & Configuration

Course ID

ERGNRGI1001001



Duration

3 days

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Virtual Classroom

Training Contact

EMBDTrainingRequest@se.com

Course Description

Participants will learn how to define and configure a project with Saitel connected to electrical MV/LV equipment and remote/local SCADA or ADMS.

Target Audience

- Application Engineer / Product Application Engineer
- Contracting Department (Design & Tendering)
- Technical Support engineer L1-L2-L3.

Prerequisites

- Having vining attended EasyLogic T150 overview (SALE0001000) and EasyLogic T150 Overview (SALE0001033)
- Introduction Introduction to EcoStruxure Grid: Foundational (PRDE0001020)

Objectives

- Understand Saitel architectures and typical applications
- Select the most relevant system architecture for a given project
- Build a basic configuration
- Configure remote communication using open standard SCADA protocols
- Configure a local Modbus communication and integrate slave devices
- Install a EasyLogic T150 unit. Manage firmware upgrades
- Apply/Save/Modify Saitel configurations
- Conduct basic diagnostics using basic injection means

Intermediate

Course ID

ERGNRGI1001000



Duration

4 days

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Virtual classroom

Training Contact

EMBDTrainingRequest@se.com

EasyLogic T150: Advanced Design & Configure

Course Description

Participants will learn how to define and configure a project with Saitel connected to electrical MV/LV equipment and remote/local SCADA or ADMS, using advanced features.

Target Audience

- Application Engineer / Product Application Engineer
- Contracting Department (Design & Tendering)
- Technical Support engineer L1-L2-L3.
- Advanced Field Service Engineer

Prerequisites

- Having attended EasyLogic T150 Design & Configure (ERGNRGI1001001)
- Be fluent in IEC 60870-5-104, DNP3, Modbus protocols
- Introduction to EcoStruxure Grid: Foundational (PRDE0001020)

Objectives

- Integrate with SCADA
- Build advanced configuration including advanced usage of formulas
- Understand and configure upstream & downstream connections using standard electric protocols. Integrate one Modbus device. Integrate one IEC61850 IED.
- Understand principles of defining ISaGRAF programs with Saitel
- Understand Saitel Cybersecurity features and CAE usage

Intermediate

Distribution Automation: Standard Communication Protocols

Course ID

ERGNRGV0001002



Duration

4 days

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Virtual Classroom

Training Contact

EMBDTrainingRequest@se.com

Course Description

Participants will learn basics of standard electrical communication protocols and how to configure and test them in PowerLogic T300 and EasyLogic T150.

Target Audience

- Application Engineer / Product Application Engineer
- Contracting Department (Design & Tendering)
- Technical Support engineer L1-L2-L3.
- Commissioning & Field Service Engineer

Prerequisites

Having attended PowerLogic T300, PowerLogic T500 or EasyLogic T150 Design & Configure training

Objectives

- Understand communication protocols concepts based on OSI Model
- Configure and test a communication, with first level analysis of traffic for:
 - Modbus
 - IEC 60870-5-101 & 104
 - DNP3

Intermediate

Course ID

ERGNRGD0001023



Duration

60 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

Cybersecurity Awareness Part 1: Features

Course Description

Participants will learn cybersecurity features provided by Distribution Automation RTU offer and how to configure them:

- Part1: Cybersecurity features (1h Webinar)
- Part2: Cybersecurity administration through Webserver (1/2 h Webinar)
- Part3: Using Cybersecurity Administration Expert (CAE) tool (1/2h Webinar)

Target Audience

- Application Engineer / Product Application Engineer
- Contracting Department (Design & Tendering)
- Commissioning & Field Service Engineer
- Technical Support engineer L1-L2-L3.

Prerequisites

Having attended PowerLogic T300, PowerLogic T500 or EasyLogic T150 Design & Configure training

Objectives

- List Cybersecurity features implemented in Distribution Automation RTU offer
- Know RBAC model and ways to manage it
- Act as security administrator through webserver
- Use CAE tool to manage RBAC model, advanced security settings and deploy security configuration

Intermediate

Distribution Automation
Cybersecurity Awareness Part 2: Webserver Admin

Course ID

ERGNRGD0001024



Duration

30 minutes

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

Course Description

Participants will learn cybersecurity features provided by Distribution Automation RTU offer and how to configure them:

- Part1: Cybersecurity features (1h Webinar)
- Part2: Cybersecurity administration through Webserver (1/2 h Webinar)

Target Audience

- Application Engineer / Product Application Engineer
- Contracting Department (Design & Tendering)
- Commissioning & Field Service Engineer
- Technical Support engineer L1-L2-L3.

Prerequisites

- Having attended PowerLogic T300, PowerLogic T500 or EasyLogic T150 Design & Configure training
- Having attended Distribution Automation: Cybersecurity awareness Part1

Objectives

- List Cybersecurity features implemented in Distribution Automation RTU offer
- Know RBAC model and how to manage it through CAE
- Act as security administrator through webserver
- Use CAE tool to manage advanced security settings and deploy security configuration

Intermediate

Distribution Automation Cybersecurity
Awareness Part 3: Using CEA Tool

Course ID

ERGNRGD0001025



Duration

35 minutes

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

Course Description

Participants will learn cybersecurity features provided by Distribution Automation RTU offer and how to configure them:

- Part1: Cybersecurity features (1h Webinar)
- Part2: Cybersecurity administration through Webserver (1/2 h Webinar)

Target Audience

- Application Engineer / Product Application Engineer
- Contracting Department (Design & Tendering)
- Commissioning & Field Service Engineer
- Technical Support engineer L1-L2-L3.

Prerequisites

- Having attended PowerLogic T300, PowerLogic T500 or EasyLogic T150 Design & Configure training
- Having attended Distribution Automation: Cybersecurity awareness Parts 1 & 2

Objectives

- List Cybersecurity features implemented in Distribution Automation RTU offer
- Know RBAC model and how to manage it through CAE
- Act as security administrator through webserver
- Use CAE tool to manage advanced security settings and deploy security configuration

Intermediate

Distribution Automation: Cybersecurity awareness Part4

Course ID

ERGNRGD0001024



Duration

15 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

Course Description

Participants will learn cybersecurity features provided by Distribution Automation RTU offer and how to configure them:

- Part1: Cybersecurity features (1h Webinar)
- Part2: Cybersecurity administration through Webserver (1/2 h Webinar)
- Part3: Using Cybersecurity Administration Expert (CAE) tool (1/2h Webinar)
- Part4: Update 2024 (1/4h webinar)

Target Audience

- Application Engineer / Product Application Engineer
- Contracting Department (Design & Tendering)
- Commissioning & Field Service Engineer
- Technical Support engineer L1-L2-L3.

Prerequisites

- Having attended PowerLogic T300, PowerLogic T500 or EasyLogic T150 Design & Configure training
- Having attended to previous parts of Cybersecurity, and get used to CAE

Objectives

Upon completion the participant will be updated on:

- Cybersecurity features implemented in Distribution Automation RTU offer
- Cybersecurity Certification status
- Impact of rebranding to PowerLogic
- New features (Protocols over TLS, certificates, LDAP, Fleet management with ESM, Reset to Factory)

Advanced

Course ID

ERGNRGV0001004



Duration

3 days

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Virtual classroom

Training Contact

EMBDTrainingRequest@se.com

Distribution Automation: IEC 61850

Course Description

Participants will learn how to configure PowerLogic T300, PowerLogic T500 or EasyLogic T150 as IEC61850 client or server using Easergy Builder and perform basic traffic analysis

Target Audience

- Application Engineer / Product Application Engineer
- System Designer, Project design team
- Technical Support engineer L3.

Prerequisites

- Having attended PowerLogic T500 or EasyLogic T150 Design & Configure (ERGNRGI1001001)
- Having attended PowerLogic T500 or EasyLogic T150 Advance Design & Configure (ERGNRGI1001000)
- Having followed Discover IEC 61850 (PTRCROE045) training
- Previous IEC 61850 project experience
- Experience on Distribution Automation standard communication protocols

Objectives

- ConfigurePowerLogic T300, PowerLogic T500 or EasyLogic T150 as client of IEC 61850 IEDs
- Configure PowerLogic T300, PowerLogic T500 or EasyLogic T150 as server to IEC 61850 SCADA for native modules
- Connect to a IEC 61850 IED and connect to an IEC 61850 Client simulator

Advanced

Distribution Automation: ISaGRAF

Course ID

ERGNRGV0001005



Duration

2 days

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

Virtual classroom

Training Contact

EMBDTrainingRequest@se.com

Course Description

Participants will learn how to add an automation program using ISaGRAF workbench for PowerLogic T300, PowerLogic T500 or EasyLogic T150

Target Audience

- Application engineer / Product Application Engineer
- System Designer, Project design team
- Technical Support engineer L3.

Prerequisites

- Having attended PowerLogic T500 or EasyLogic T150 Design & Configure (ERGNRGI1001001)
- Previous automatisms project experience, preferably using ISaGRAF
- Knowledge on Automatism programming language
- Having an ISaGRAF workbench license installed (In-Class sessions)

Objectives

- Add an automation program
- Load automation program in RTU
- Debug the automation program
- Use an Application Note describing a simple automatism

Intermediate

Course ID

BLDPRDVS0001001



Duration

2 days

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

Virtual classroom

Training Contact

EMBDTrainingRequest@se.com

EasyLogic T150: WebUI

Course Description

Participants will learn how to configure and operate a Saitel local HMI (WebUI).

Target Audience

- ApplicationEngineer / Product Application Engineer
- Contracting Department (Design & Tendering)
- Technical Support engineer L1-L2-L3.
- Advanced Field Service Engineer

Prerequisites

- Having attended PowerLogic T500 or EasyLogic T150 Design & Configure (ERGNRGI1001001)
- Introduction to EcoStruxure Grid: Foundational (PRDE0001020)

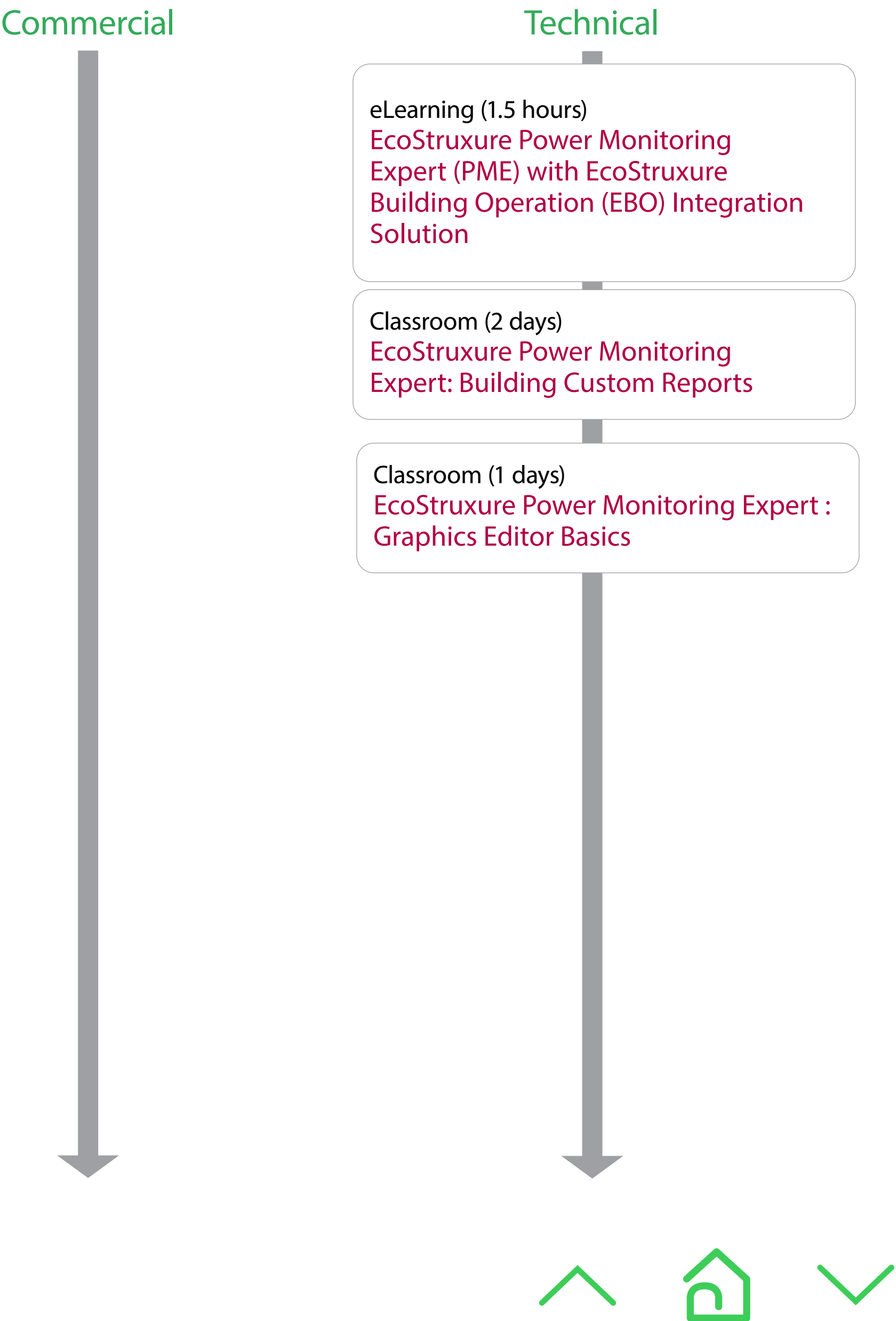
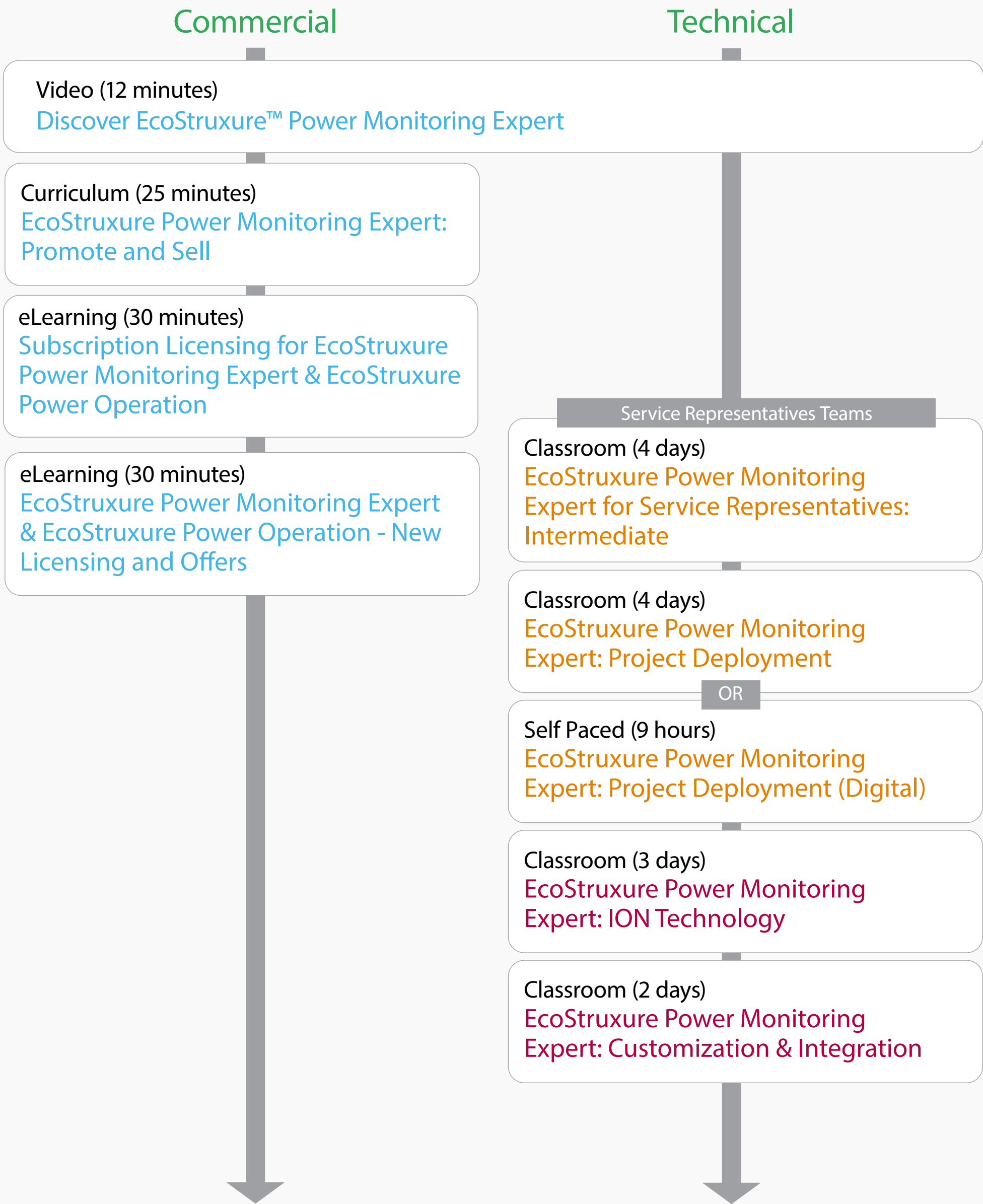
Objectives

- Operate a Saitel WebUI
- Build and install WebUI configuration
- Debug a WebUI project



EcoStruxure Power Monitoring Expert

- Basic
- Intermediate
- Advanced



Basic

Course ID
PTRSALE5000



Duration
12 Minutes

Registration
Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method
Video

Training Contact
EMBDTrainingRequest@se.com

Discover EcoStruxure™ Power Monitoring Expert

Course Description
EcoStruxure™ Power Monitoring Expert (PME) is a purpose-built software that helps power-critical and energy-intensive facilities maximize uptime and operational efficiency. As a key element of EcoStruxure™ Power, PME is the window to your digitized power network, taking advantage of IoT connectivity and distributed intelligence.

Target Audience

- Application Engineer/Product Application Engineer.
- Technical Support Engineer L1-L2-L3.
- Field Service Engineer.
- EcoXpert Partner
- Sales and Marketing.
- Offer Manager.

Prerequisites
None

Objectives

- Understand EcoStruxure™ PME and the offer positioning.
- Explain the open and scalable architecture that connects to smart devices across your electrical system.
- Describe the insights of the electrical system health and energy efficiency of the power network of different market segments.

Basic

Course ID
BLDECXCS0001046



Duration
25 Minutes

Registration
Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method
Video

Training Contact
EMBDTrainingRequest@se.com

EcoStruxure™ Power Monitoring Expert: Promote and Sell

Course Description
This course introduces the key features of EcoStruxure Power Monitoring Expert (PME) for use within power management environments and explains which Schneider Electric groups and channels will sell PME. It presents the typical segments and customers who buy PME. The course describes what the product offers to customers and to Schneider Electric, and positions the product internally and against the competition.

Target Audience

- Sales and Marketing.
- Offer Manager.
- EcoXpert/Partner.

Prerequisites
Be familiar with the concepts of power monitoring and energy management.

Objectives

- Know the channels and buyers.
- Understand the features of EcoStruxure Power Monitoring Expert.
- Know the offer positioning and the competition.
- Be familiar with the sales tools.
- Understand licensing and ordering process.

Basic

Course ID

BLDSALES0001080



Duration

30 Minutes

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Subscription Licensing for EcoStruxure Power Monitoring Expert & EcoStruxure Power Operation

Course Description

This module ensures you can talk to customers about Simplified Lifecycle Management of EcoStruxure Power Monitoring Expert & EcoStruxure Power Operation and licenses and describe the three-tier model.

Target Audience

- Application Engineer/Product Application Engineer.
- Technical Support Engineer L1-L2-L3.
- Field Service Engineer.
- EcoXpert Partner
- Sales and Marketing.
- Offer Manager.

Prerequisites

None

Objectives

- Understand EcoStruxure™ PME and the offer positioning.
- This module ensures you can talk to customers about Simplified Lifecycle Management of EcoStruxure Power Monitoring Expert & EcoStruxure Power Operation and licenses and describe the three-tier model.

Basic

Course ID

BLDSALES0001079



Duration

30 Minutes

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

elearning

Training Contact

EMBDTrainingRequest@se.com

EcoStruxure Power Monitoring Expert & EcoStruxure Power Operation - New Licensing and Offers

Course Description

This module ensures you can talk to customers about different aspects of the EcoStruxure Power Monitoring Expert & EcoStruxure Power Operation license, the shift to Annual Recurring Revenue (ARR) business model, the value proposition for our partners as well as end users, and the details of how this model is handled throughout the lifecycle.

Target Audience

- Application Engineer/Product Application Engineer.
- Technical Support Engineer L1-L2-L3.
- Field Service Engineer.
- EcoXpert Partner
- Sales and Marketing.
- Offer Manager.

Prerequisites

None

Objectives

- Know the offer positioning and the competition.
- Understand licensing and ordering process.
- This module ensures you can talk to customers about different aspects of the EcoStruxure Power Monitoring Expert & EcoStruxure Power Operation license,
- the shift to Annual Recurring Revenue (ARR) business model,
- the value proposition for our partners as well as end users,
- the details of how this model is handled throughout the lifecycle.

Intermediate

EcoStruxure Power Monitoring Expert for Service Representatives: Intermediate

Course ID

BLDECXIS0001011



Duration

4 days

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

Classroom

Training Contact

EMBDTrainingRequest@se.com

Course Description

This course equips our Services Representatives with the necessary resources and tools to effectively perform preventive maintenance and troubleshooting on Digital Power Systems (PME) in accordance with standard or customized Service Level Agreements (SLAs)

Students will engage in interactive, hands-on exercises within a virtual environment, simulating real-life scenarios to prepare them for on-site preventive maintenance and troubleshooting tasks.

Target Audience

- Services Representative Engineers

Prerequisites

- Discover EcoStruxure Power Monitoring Expert (Course code in MLL > PTRSALE5000)
- What is Power Monitoring Expert (Video in MLL > BLDPRDDS0001080)
- PowerLogic™ ION9000 Technical Overview (BLDPRDC0001035)

Objectives

- Describe the architecture of a Power Monitoring Expert (PME) system.
- Identify the various tools available to gather logs from the PME system.
- Run the Diagnostics tool and generate reports.
- Utilize the Diagnostic Viewer to understand and address potential issues.
- Analyze all system alarms.
- Perform Database Maintenance tasks.
- Understand the system's cybersecurity implementation.
- Manage users by adding, editing, or deleting them.
- Edit, modify, and update interface diagrams.
- Perform a complete system backup.

*Extract information logs for Power Advisor

Intermediate

Course ID

PTRNRGI0001000



Duration

4 days

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

Classroom/Virtual Classroom

Training Contact

EMBDTrainingRequest@se.com



EcoStruxure™ Power Monitoring Expert: Project Deployment

Course Description

This course provides students with the resources to successfully commission a “standalone” Power Monitoring Expert system. Students will follow a Standard Scope of Work to collect information from the customer, and program the software to meet their needs.

Target Audience

- Solution Application Engineers.
- Services Engineer /Technical Support L1/L2/L3.
- EcoXpert/Partner.

Prerequisites

- Be familiar with the concepts of power monitoring and energy management.
- Be familiar with Microsoft Windows.
- PowerLogic PM5000 Technical Overview
- PowerLogic PM8000 Technical Overview
- PowerLogic ION9000 Technical Overview

Objectives

- Describe the architecture of a Power Monitoring Expert system.
- Describe the commissioning steps to deploy Power Monitoring Expert.
- Connect and organize power meters and devices in the system.
- Configure power meter devices with recommended settings and parameters.
- Design and create custom graphic screens to display system data.
- Configure dashboards to display historical data in interactive gadgets.
- Configure existing report templates to display historical data.

Intermediate

Course ID

BLDECXCS0001003
BLDECXCS0001004
BLDECXCS0001005



Duration

9 hours

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

EcoStruxure™ Power Monitoring Expert:
Project Deployment (Digital)

Course Description

This self-paced three-part curriculum traverses a Power Monitoring Expert Project Deployment through a set of "How to..." videos. The extensive videos cover the entire horizon of the Power Monitoring Expert including installation, planning, architecture and network management, project management, device management, diagrams creation, power quality management, alarms and events, database management, report generation and backup of the system. Available with closed caption in 5 languages. (English, Spanish , Chinese , German and French) has context menu.

Target Audience

- Application Engineer / Product Application Engineer
- Technical Support engineer L1-L2-L3.
- Field Service Engineer
- System Integrator / Partner

Prerequisites

- Be familiar with the concepts of power monitoring and energy management.
- Be familiar with Microsoft Windows.
- PowerLogic PM5000 Technical Overview
- PowerLogic PM8000 Technical Overview
- PowerLogic ION9000 Technical Overview

Objectives

- Understand the features and benefits of PME
- Learn how to prepare , install and connect devices to PME.
- Configure the data logging and understand the PME Database.
- Explore and interact with the different web applications.
- Learn how to back up the PME system and take care of the Database.

Advanced

Course ID

BLDPRDI0001057



Duration

3 days



Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

Classroom/Virtual Classroom

Training Contact

EMBDTrainingRequest@se.com

EcoStruxure™ Power Monitoring Expert:
ION Technology

Course Description

This course covers how to customize hardware and software nodes based on ION technology. Students will learn the architecture of a PowerLogic™ ION power meter and examine the default frameworks and functionality. Students will be guided through a series of lab activities to create custom applications for equipment monitoring, alarming and logging. Students will learn to program the Virtual Processor (VIP) for special applications such as data aggregation and event driven reporting. Students will then have the opportunity to create a custom virtual meter framework by aggregating multiple meters in the VIP and displaying the real-time and historical information from that device in the other software applications.

Target Audience

- Solution Application Engineers.
- Services Engineer /Technical Support L1/L2/L3.
- EcoXpert/Partner.

Prerequisites

- Must have completed the Power Monitoring Expert Project Deployment course and passed the exam.
- Working knowledge of the default capabilities of PowerLogic™ ION power meters.

Objectives

- Describe ION architecture and ION module properties.
- Examine the default configuration of PowerLogic™ ION power meters.
- Describe how to backup and restore a PowerLogic™ ION power meter configuration.
- Build custom ION frameworks in PowerLogic™ ION power meters and the Virtual Processor (VIP) that perform custom calculations, logging and alarming.
- Describe how Designer and Vista work together.
- Use the ION Reference documentation to assist with custom ION framework development.

Advanced

Course ID

PTRTECI0001013

Duration

2 days

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

Classroom/Virtual Classroom

Training Contact

EMBDTrainingRequest@se.com



EcoStruxure™ Power Monitoring Expert: Customization and Integration

Course Description

This course will demonstrate how to extend the performance, integration and customization possibilities of Power Monitoring Expert. Students will utilize the latest utilities, tools, documents and videos to customize a Power Monitoring Expert system.

Target Audience

- Solution Application Engineer.
- Services Engineer/Technical Support L1/L2/L3.
- EcoXpert/Partner.

Prerequisites

Must have completed the Power Monitoring Expert ION Technology course and passed the exam.

Objectives

- Use software tools to measure and modify software settings to improve communication performance to devices.
- Extract historical data from Power Monitoring Expert in comma-separated values format, for insertion into 3rd party applications.
- Insert historical data from other systems into Power Monitoring Expert for analysis.
- Integrate real-time data from 3rd party devices into Power Monitoring Expert using Modbus, XML web services and OPC.
- Utilize the latest documents, procedures and tools from the Exchange Community to customize a Power Monitoring Expert system.

Advanced

Course ID

BLDDIGES0001003

Duration

1.5 hours

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com



EcoStruxure™ Power Monitoring Expert (PME) with EcoStruxure™ Building Operation (EBO) Integration Solution

Course Description

This course describes how to integrate EcoStruxure Power Monitoring Expert (PME) with EcoStruxure Building Operation (EBO), giving the customer an enhanced ability to monitor and analyze power data via specific dashboards, reports, graphical components and one-line diagrams using EBO WorkStation and WebStation.

Target Audience

- Solution Application Engineers.
- Services Engineer/Technical Support L1/L2/L3.
- EcoXpert/Partner.

Prerequisites

- Have completed the EcoStruxure Power Monitoring Expert Customization and Integration course.
- Have extensive knowledge and understanding of EcoStruxure Power Monitoring Expert systems.

Objectives

- Describe the features and benefits of integrating EcoStruxure Power Monitoring Expert with EcoStruxure Building Operation.
- Identify architecture guidelines and best practices when integrating the software.
- Use the provided tools to integrate real-time, historical and alarm data between the software.
- Use the provided tools to integrate EcoStruxure Power Monitoring Expert Web Applications into EcoStruxure Building Operation WorkStation and WebStation.
- Optimize communication performance of the integration.
- Identify and troubleshoot common integration issues.

Advanced

EcoStruxure™ Power Monitoring Expert: Building Custom Reports

Course ID

ERGNRGI0001029



Duration

2 days



Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Classroom/Virtual Classroom

Training Contact

EMBDTrainingRequest@se.com

Course Description

This course will demonstrate the possibilities of creating and modifying new and existing reports of Power Monitoring Expert. Students will utilize SQL server data tools and documents to create and customize new reports in Power Monitoring Expert system.

Target Audience

- System Architects
- Application Engineer / Product Application Engineer.
- Technical Support Engineer L1/L2/L3
- Field Service Engineer / Project Engineer.
- EcoXperts / Partner

Prerequisites

- Must have completed Power Monitoring Expert: Project Deployment course and passed the test
- Must have completed Power Monitoring Expert: Customization and Integration course and passed the test
- Requires programming knowledge and experience, especially with .NET, SQL, XML, SQL Server Data Tool and Microsoft Report Builder

Objectives

- Understand how to add new report parameters and how to use those parameters in a new report
- Understand how to add chart and matrix
- Create report template that extracts data directly from the Power Monitoring Expert database using a Custom View Provider and a default stored procedure.
- Call custom functions inside the report template
- Refer a custom .dll inside the PME report template
- Understand how to modify Rate.xml file for Billing report
- Create and upload a report and report pack

Basic

Course ID

BLDECXVS0001018



Duration

1 days



Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Classroom/Virtual Classroom

Training Contact

EMBDTrainingRequest@se.com

EcoStruxure Power Monitoring Expert: TGML & Graphics Editor Essentials

Course Description

In this course, you will explore the fundamentals of the latest PME tool, the Graphics Editor. You will learn how to effectively navigate its interface and panels, animate graphics, and publish your creations to the web client. Additionally, we will cover various tips and techniques to maximize your efficiency and creativity. Join us to unlock the full potential of the Graphics Editor and elevate your design skills!

Target Audience

- Solution Application Engineers.
- Services Engineer /Technical Support L1/L2/L3
- EcoXpert/Partner

Prerequisites

- Be familiar with the concepts of power monitoring and energy management.
- Be familiar with Microsoft Windows.
- Be familiar with PME versions earlier than PME2023

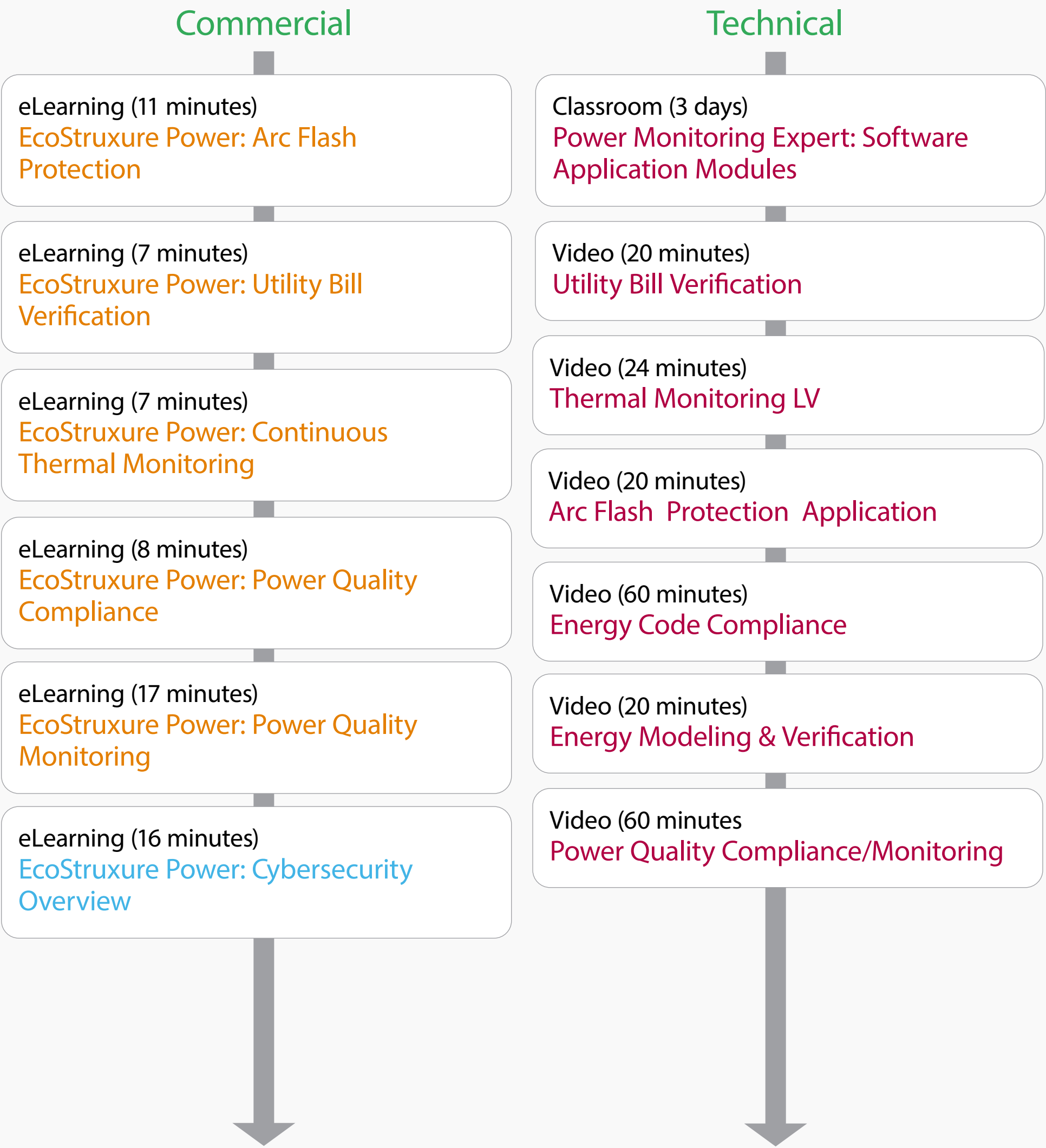
Objectives

- Familiarize with the Tool Interface: Gain a comprehensive understanding of the Graphics Editor interface for efficient navigation.
- Identify TGML Elements: Learn to recognize and utilize TGML (Tag Graphics Markup Language) elements within your designs.
- Utilize Default Components: Explore and effectively apply the default components available in the tool to streamline your workflow.
- Apply Snippets to Objects: Master the use of snippets to enhance functionality and efficiency in your projects
- Create and Manage Layers: Develop the skills to create and organize layers, improving the structure of your designs.



EcoStruxure Power Digital Applications

- Basic
- Intermediate
- Advanced



Intermediate

Course ID

EPAECXES0001020

Duration

11 Minutes

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

EcoStruxure Power: Arc Flash Protection

Course Description
Arc flash incidents can occur as a result of maintenance activities, human error or equipment failure. Often, this results in costly downtime, interruption of processes and equipment and injury to persons. Most standard protective devices do not can respond quickly to arc flash incidents and limit the effects on equipment and persons. Course Test (EPAECXES0001020T)

Target Audience

- Sales, Specifier Sales, Technical Sales
- System Architect, Product Application Engineer
- Operational Marketing
- Project Tendering, System Integrators

Prerequisites
None

Objectives

- Why should End Users care?
- Why does the problem happen?
- How does EcoStruxure Power help?
- What is the EcoStruxure Power solution?

Intermediate

EcoStruxure Power: Utility Bill Verification

Course Description

- Electrical energy has some unique characteristics such as time-of-use, demand peak charges, and more that can contribute to complicated billing. Mistakes do happen in energy billing and are surprisingly common.
- Some discrepancies can include:
- Application of incorrect rates
- Incorrect meter readings
- Duplicate line items
- And more...
- Course Test (EPAECXES0001008T)

Target Audience

- Sales, Specifier Sales, Technical Sales
- System Architect, Product Application Engineer
- Operational Marketing
- Project Tendering, System Integrators

Prerequisites

None

Objectives

- Why should End Users care?
- Why does the problem happen?
- How does EcoStruxure Power help?
- What is the EcoStruxure Power solution?

Intermediate

EcoStruxure Power: Continuous Thermal Monitoring

Course Description

One of the leading causes of electrical fires in low and medium voltage installations is faulty power connections of cables, busbars, withdrawable circuit breakers, when the connections are made on site. A faulty power connection may lead to an increase in its electrical contact resistance, thus inducing a thermal runaway which, in the worst-case scenario, destroys switchgear and results in serious injury to the operator. Course Test (EPAECXES0001000T)

Target Audience

- Sales, Specifier Sales, Technical Sales
- System Architect, Product Application Engineer
- Operational Marketing
- Project Tendering, System Integrators

Prerequisites

None

Objectives

- Why should End Users care?
- Why does the problem happen?
- How does EcoStruxure Power help?
- What is the EcoStruxure Power solution?



Intermediate

Course ID

EPAECXES0001009



Duration

8 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

EcoStruxure Power: Power Quality Compliance

Course Description

- There are many power quality standards and guidelines to help critical facilities avoid downtime or disruption of sensitive equipment. Understanding compliance with these standards can be challenging and time-consuming. These standards include:
- EN 50160 (industrial and commercial sites)
- IEEE 519 (voltage and current harmonics)
- IEEE 1159 (power quality standard)
- IEC 61000-4-30 (power quality measurements)
- Course Test (EPAECXES0001009T)

Target Audience

- Sales, Specifier Sales, Technical Sales
- System Architect, Product Application Engineer
- Operational Marketing
- Project Tendering, System Integrators

Prerequisites

None

Objectives

- Why should End Users care?
- Why should End Users care?
- Why does the problem happen?
- How does EcoStruxure Power help?
- What is the EcoStruxure Power solution?

Intermediate

Course ID

EPAECXES0001004



Duration

17 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

EcoStruxure Power: Power Quality Monitoring

Course Description

There are many different power quality disturbances which can adversely affect critical or sensitive equipment, processes and buildings. To promote seamless and uninterrupted functioning of these assets, it is very important to continuously measure, understand and act on any power quality issues that could affect uninterrupted operation. Course Test (EPAECXES0001004T)

Target Audience

- Sales, Specifier Sales, Technical Sales
- System Architect, Product Application Engineer
- Operational Marketing
- Project Tendering, System Integrators

Prerequisites

None

Objectives

- Why should End Users care?
- Why does the problem happen?
- How does EcoStruxure Power help?
- What is the EcoStruxure Power solution?

Basic

Course ID

EPAECXES0001041



Duration

16 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

EcoStruxure Power: Cybersecurity Overview

Course Description

The demands of modern IoT applications increase the complexity of systems' infrastructure and put additional pressure on IT and OT security. As the frequency and sophistication of cyberattacks increase, businesses must leverage OT specific industry standards to achieve consistent protection against a growing and varied threat landscape.

Target Audience

- Sales, Specifier Sales, Technical Sales
- System Architect, Product Application Engineer
- Operational Marketing
- Project Tendering, System Integrators

Prerequisites

None

Objectives

- Why should End Users care?
- Why does the problem happen?
- How does EcoStruxure Power help?
- What is the EcoStruxure Power solution?

Advanced

Course ID

PTRNRGI0001011



Duration

3 days

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Blended

Training Contact

EMBDTrainingRequest@se.com

EcoStruxure Power Monitoring Expert: Software Application Modules and Digital Applications

Course Description

The objective of this training is to offer a range of digital applications and PME software Modules to fulfill customers' needs in large buildings & critical facilities such as data centers, large hotels, healthcare and industrial facilities, etc.

Target Audience

- Application Engineer / Product Application Engineer
- Technical Support engineer L1-L2-L3.
- Field Service Engineer
- System Integrator / Partner

Prerequisites

- Have completed the Power Monitoring Expert Project Deployment course and passed the exam
- Have completed the Power Monitoring Expert Customization and Integration course.

Objectives

- Identify the different software modules available for PME.
- Deploy the Power Quality Performance module.
- Deploy the Breaker Performance module.
- Deploy the Energy Analysis Module.

Advanced

EcoStruxure Power: Utility Bill Verification (SSOW)

Course ID

BLDNRGD0001000



Duration

20 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

Course Description

Electrical energy has some unique characteristics such as time-of-use, demand peak charges, and more that can contribute to complicated billing. Mistakes do happen in energy billing and are surprisingly common. This video provides a similar and reliable basis for billing analysis

- Automatic generation of a "shadow bill" by power monitoring software
- Measurement performed at the same location as the utility meter
- Energy consumption data collected with same frequency (typically 15 min) and equal accuracy (at least) as for utility bill

Target Audience

- Application Engineer / Product Application Engineer
- Technical Support engineer L1-L2-L3.
- Field Service Engineer
- System Integrator / Partne

Prerequisites

None

Objectives

- Deploy the Utility Bill Verification application.
- Generate a shadow bill for the customer.
- Get a reliable basis for comparison to dispute the utility bill with the energy provider
- Understand the billing composition and details

Advanced

EcoStruxure Power: Continuous Thermal Monitoring – LV Busways (SSOW)

Course ID

BLDNRGD0001001



Duration

25 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

Course Description

One of the leading causes of electrical fires in low and medium voltage installations is faulty power connections of cables, busbars, withdrawable circuit breakers, in particular when the connections are made on site. A faulty power connection may lead to an increase in its electrical contact resistance, thus inducing a thermal runaway which, in the worst-case scenario, destroys switchgear and results in serious injury to the operator.

Target Audience

- Application Engineer / Product Application Engineer
- Technical Support engineer L1-L2-L3.
- Field Service Engineer
- System Integrator / Partner

Prerequisites

None

Objectives

- Get early detection of faulty connections
- Monitor the temperature of busbar, cable, transformer and withdrawable circuit breaker connections
- Detect temperature deviations from normal operating conditions before they result in equipment failure
- For higher density applications, overheating of conductors is detected using insulation deterioration gas analysis
- Provide temperature alarming and reporting for a rapid response
- Raise the pre-alarm and alarm in the event of an abnormal rise in temperature
- Enable easy reporting of the thermal status of the electrical installation
- Replace periodic thermographic inspections

Advanced

Course ID

BLDPRDDS0001018



Duration

20 minutes

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

EcoStruxure Power: Arc Flash Protection Application (SSOW)

Course Description

This Video helps Application Engineers configure Power Monitoring Expert (PME) edge control software to display arc flash alarms and data from arc flash protection devices (Easergy P3 Advanced) as part of the EcoStruxure™ Power Arc Flash Protection application.

The video describes the steps you will take to implement the Arc Fault Protection application outputs in Power Monitoring Expert (PME).

Target Audience

- Application Engineer / Product Application Engineer
- Technical Support engineer L1-L2-L3.
- Field Service Engineer
- System Integrator / Partner

Prerequisites

None

Objectives

- Eliminate or minimize the costs resulting from arc fault damages
- Eliminate or avoid personal injury due to arc fault events
- Have real-time visibility into arc fault events
- Improve arc fault awareness for maintenance teams
- Provide post-arc fault event analysis

Advanced

Course ID

BLDECXES0001001



Duration

40 minutes

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

EcoStruxure Power: Power Quality Monitoring (SSOW)

Course Description

This video provides the instruction to deploy the PQ Monitoring application to:

- Monitor persistent steady-state and event-based power quality disturbances, such as harmonics, voltage/current unbalance, flicker, under/over voltage conditions, transients, and interruptions.
- Analyze power quality disturbances with trends, reports, timeline analysis, waveform analysis, and disturbance direction detection

Target Audience

- Application Engineer / Product Application Engineer
- Technical Support engineer L1-L2-L3.
- Field Service Engineer
- System Integrator / Partner

Prerequisites

None

Objectives

- Configure the meter devices for the PQ Application.
- Configure the PQ Diagrams.
- Configure the PQ dashboards and reports.

Advanced

Course ID

BLDCRODS0001009



Duration

20 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

EcoStruxure Power: Energy Code Compliance (SSOW)

Course Description

This video helps Application Engineers to configure Power Monitoring Expert (PME) edge control software to analyze energy data for your building loads to help determine your compliance with defined energy codes and standards, as part of the EcoStruxure™ Power Energy Code Compliance application.

Target Audience

- Application Engineer / Product Application Engineer
- Technical Support engineer L1-L2-L3.
- Field Service Engineer
- System Integrator / Partner

Prerequisites

None

Objectives

The Energy Code Compliance application provides information to help the facility or energy manager to comply with the following building energy codes and standards:

- NEC 220.12 (2020)
- ASHRAE 90.1 (2019)
- CA Title 24 (2019)
- IECC (2021)
- LEED (v4, 2013)

Advanced

Course ID

BLDCRODS0001010



Duration

20 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

EcoStruxure Power: Energy Modeling & Verification (SSOW)

Course Description

This video helps Application Engineers configure Power Monitoring Expert (PME) or Power SCADA Operation (PSO) edge control software to create a statistical model of their energy system as part of the EcoStruxure™ Power Energy Modeling and Verification application. The intended end users for the Energy Modeling and Verification application are Facility Managers and Energy Managers.

Target Audience

- Application Engineer / Product Application Engineer
- Technical Support engineer L1-L2-L3.
- Field Service Engineer
- System Integrator / Partner

Prerequisites

None

Objectives

- Develop strategies and action plans to reduce energy consumption or improve energy usage.
- Maximize energy efficiency of equipment and processes and reduce operating costs of the facility.
- Determine the relative difference between pre-retrofit and post-retrofit energy consumption.
- Forecast energy consumption, when forecast data (such as a weather forecast) is available.
- Detect system anomalies, such as equipment that is not operating as expected.

EcoStruxure Power Automation System

- Basic
- Intermediate
- Advanced

Commercial

Technico-commercial

Technical

Commercial

Technico-commercial

Technical

Video (26 minutes)
Introducing EcoStruxure™ Power Automation System (EPAS 2024)

Curriculum of eLearning (1 hour 20 minutes)
EcoStruxure Power Automation System Promote & Sell

eLearning (30 minutes)
Security Patch Management: Promote & Sell

eLearning (15 minutes)
EcoStruxure Power Automation System Engineering (EPAS-E) Promote & Sell

eLearning (15 minutes)
EcoStruxure System Management (ESM) Promote & Sell

eLearning (30 minutes)
Cybersecurity for EcoStruxure Power Automation System Promote & Sell

eLearning (30 min)
EcoStruxure Power Automation System: Gateway Overview

eLearning (30 min)
EcoStruxure Power Automation System Controller PowerLogic C5 Overview

eLearning (30 min)
EcoStruxure Power Automation System Controller: Micom C264 Overview

eLearning (30 min)
EcoStruxure Power Automation System Terminal Block (SMTB) Overview

Curriculum of Videos (60 minutes)
EcoStruxure Power Automation System Engineering (EPAS-E) Basics

eLearning (30 minutes)
EcoStruxure Power Automation System: User Interface (EPAS-UI)-Overview

eLearning (30 minutes)
EcoStruxure Power Automation System: User Interface (EPAS-E)-Overview

eLearning (10 hours)
EcoStruxure Power Automation System Components Technical Overview

eLearning (1 day)
EcoStruxure Power Automation System: SCE Introduction

Blended (4 days)
EcoStruxure Power Automation System: Design and Configuration

Blended (4 days)
EcoStruxure Power Automation System: EPAS-UI Design and Configuration

Classroom (4 hours)
EcoStruxure Power Automation System: IEC61850 Overview

Classroom (3 days)
EcoStruxure Power Automation System: IEC61850 Configuration and Debug



Commercial

Technico-commercial

Technical

Commercial

Technico-commercial

Technical

Blended (1 day)
EcoStruxure Power Automation
System: Engineering (EPAS-E)

eLearning (16 hours)
ISaGRAF for EcoStruxure Power
Automation System

eLearning (3 hours)
EcoStruxure Power Automation System:
WebHMI Technical Overview

eLearning (2 hours)
EcoStruxure Power Automation System:
Introduction to WebHMI Tools

eLearning (8 hours)
EcoStruxure Power Automation System:
iFLS – iPMS Configuration

eLearning (2 hours)
Ethernet Network & Switches: Basic Overview

eLearning (16 hours)
Ethernet Networks for Power
Automation: Advanced Concepts

Playlist (4 hours)
EcoStruxure Power Automation
System - Engineering (EPAS-E)
Fundamentals

Playlist (1 hour)
Profile Studio for EcoStruxure Power
Automation System

Basic

Course ID

BLDPRDCS0001071



Duration

26 minutes

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

Introducing EcoStruxure™ Power Automation System (EPAS 2024)

Course Description

This is an online training course based on 3 videos, intended to help sales teams, EcoXperts and new incomers looking to become more familiar with EPAS offer. In this training, you will learn about EPAS market trends, target segments, offer positioning, value proposition and key differentiators.

Target Audience

- Business Developers
- DPAC Sales Support
- Tendering Engineers
- Salesforces and country marketing

Prerequisites

None

Objectives

Provide a basic understanding of EPAS components and help participants learn how to identify potential business opportunities and converse on the subject with customers.

Basic

Course ID

BLDECXCS0001002



Duration

1hour 20 minutes

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

EcoStruxure Power Automation System Promote & Sell

Course Description

This is a set of 4 online training courses intended to help sales teams, EcoXperts and new incomers looking to learn about EPAS detailed value proposition and key differentiators of each components

Target Audience

- Business Developers
- DPAC Sales Support
- Tendering Engineers
- Salesforces and country marketing

Prerequisites

Introducing EcoStruxure Power Automation System

Objectives

Be able to explain detailed Value propositions, key differentiators of EPAS components and Use cases for different customers.

Basic

Course ID

BLDECXES0001042

Duration

30 minutes

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com



Security Patch Management: Promote & Sell

Course Description

Welcome to the e-learning for Security Patch Management for EcoStruxure Power Automation System (EPAS) — Promote & Sell. This course is the explanation about Security Patch Management program in EPAS and the way we, at Schneider Electric, answer our customer’s needs. The course has the following objectives: - Learning the vocabulary - Understanding the Security Patch Management offer - Deep diving into Security Patch Management offer - Taking a QUIZ to test your knowledge on each topic.

Target Audience

- Business Developers
- DPAC Sales Support
- Tendering Engineers
- Salesforces and country marketing

Prerequisites

None

Objectives

- Provide a general understanding of the use of security patch management for EPAS System
- Understand the terminology of the Security Patch Management offer

Basic

Course ID

BLDECXES0001007

Duration

15 minutes

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com



EcoStruxure Power Automation System -Engineering (EPAS-E): Promote & Sell

Course Description

This course is a presentation on how our customers can efficiently build easy to operate & maintain IEC61850 based power automation systems

Target Audience

- Business Developers
- DPAC Sales Support
- Tendering Engineers
- Salesforces and country marketing

Prerequisites

Introducing EcoStruxure Power Automation System

Objectives

Be able to explain detailed Value propositions, key differentiators of EPAS-E

Basic

Course ID

BLDECXES0001006



Duration

15 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

EcoStruxure System Management (ESM): Promote & Sell

Course Description

This course is a presentation on how customers can effectively maintain power automation systems and products with EcoStruxure System Management (ESM).

Target Audience

- Business Developers
- DPAC Sales Support
- Tendering Engineers
- Salesforces and country marketing

Prerequisites

Introducing EcoStruxure Power Automation System

Objectives

Be able to explain detailed Value propositions, key differentiators of ESM

Basic

Course ID

BLDECXES0001003



Duration

30 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Cybersecurity for EcoStruxure Power Automation System Promote and Sell

Course Description

This course is the explanation about Cybersecurity program in EPAS and the way we, as Schneider Electric, answer our customers needs.

Target Audience

- Business Developers
- EAC Sales Support
- Tendering Engineers
- Project managers
- Salesforce and Country Marketing

Prerequisites

- Introducing EcoStruxure Power Automation System

Objectives

- Understanding Cybersecurity offer application field.
- Be able to initiate commercial dialogue with customer.

Basic

Course ID

BLDECXES0001008

Duration

30 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com



EcoStruxure Power Automation System: Gateway Overview

Course Description

This is an online training course intended to help sales teams, EcoXperts and technical teams to understand all features and capabilities of EPAS-Gateway.

Target Audience

- Business Developers
- DPAC Sales Support
- Tendering Engineers
- Salesforces and country marketing

Prerequisites

Introducing EcoStruxure Power Automation System

Objectives

- Provide a basic understanding of EPAS Gateway features, hardware and software solutions, communications protocols and redundancy capabilities.
- Provides prerequisites to be able to attend a technical training about EPAS-Gateway.

Basic

Course ID

BLDPRDES0001024

Duration

30 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com



EcoStruxure Power Automation System Controller: PowerLogic C5 Overview

Course Description

This is an online training course intended to help sales teams, EcoXperts and technical teams to understand all features and capabilities of PowerLogic C5.

Target Audience

- Business Developers
- DPAC Sales Support
- Tendering Engineers
- Salesforces and country marketing

Prerequisites

Introducing EcoStruxure Power Automation System

Objectives

- Provide a basic understanding of PowerLogic C5 benefits, features and capabilities, technical data, use cases.
- Provides prerequisites to be able to attend a technical training about EPAS –Design and Configuration.

Basic

Course ID

BLDDIGES0001004

Duration

30 minutes

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com



EcoStruxure Power Automation System Controller: Micom C264 Overview

Course Description

This is an online training course intended to help sales teams, EcoXperts and technical teams to understand all features and capabilities of Micom C264.

Target Audience

- Business Developers
- DPAC Sales Support
- Tendering Engineers
- Salesforces and country marketing

Prerequisites

Introducing EcoStruxure Power Automation System

Objectives

- Provide a basic understanding of Micom C264 benefits, features and capabilities, technical data, use cases.
- Provides prerequisites to be able to attend a technical training about EPAS –Design and Configuration.

Basic

Course ID

BLDECXES0001036

Duration

30 minutes

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com



EcoStruxure Power Automation System Terminal Block (SMTB) Overview

Course Description

This is an online training course intended to help sales teams, EcoXperts and technical teams to understand all features and capabilities of SMTB.

Target Audience

- Business Developers
- DPAC Sales Support
- Tendering Engineers
- Salesforces and country marketing

Prerequisites

Introducing EcoStruxure Power Automation System

Objectives

Provide a basic understanding of SMTB's value proposition, features, functions, technical data and communication architectures.

Basic

EcoStruxure Power Automation System Engineering (EPAS-E) Basics

Course ID

ERGNRGC0001000



Duration

60 minutes

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

Course Description

This curriculum is a beginner video tutorial set to demonstrates basics features of EPAS-E.

Target Audience

- System engineers, technical leaders
- Internal employee subject to have to configure a EPAS system by themselves.

Prerequisites

- EcoStruxure Power Automation System: System Design and Configuration
- EcoStruxure Power Automation System: IEC 61850 configuration and debug

Objectives

- Be able to understand capabilities and use basic functions of EPAS-E
- Be ready to attend more advanced course about EPAS-E

Basic

Course ID

BLDECXES0001030



Duration

30 minutes

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

EcoStruxure Power Automation System: User Interface (EPAS-UI)- Overview

Course Description

This course is intended for newcomers, sales and tendering teams that want to acquire the basic information on EPAS UI's value proposition, features, functions, technical data and communication architectures.

Target Audience

- Business Developers
- DPAC Sales Support
- Tendering Engineers
- Salesforce and Country Marketing

Prerequisites

Introducing EcoStruxure Power Automation System

Objectives

- Provide a basic understanding of EPAS-UI features, architectures solutions, acquisition protocols and graphical capabilities.
- Provides prerequisites to be able to attend a technical training about EPAS-UI.



Basic

Course ID

BLDECXES0001032



Duration

30 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

EcoStruxure Power Automation System
Engineering (EPAS-E) – Overview

Course Description

This course is intended for newcomers, sales and tendering teams that want to acquire the basic information on EPAS Engineering's value proposition, functions, technical data and communication architectures.

Target Audience

- Business Developers
- DPAC Sales Support
- Tendering Engineers
- Salesforce and Country Marketing

Prerequisites

Introducing EcoStruxure Power Automation System

Objectives

- Provide a basic understanding of EPAS-E features, and how to do a System configuration with it.
- Provides prerequisites to be able to attend a technical training about EPAS-E.

Basic

Course ID

ERGNRGE0001025



Duration

10 hours

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

EcoStruxure Power Automation System:
Components Technical Overview

Course Description

This course will provide students basic terminology, main features of a EPAS System and make them understand the role of each component and how to use them.

Target Audience

- Application Engineer / Product Application Engineer
- Technical Support engineer
- Field Service Engineer
- System Integrator / Partner

Prerequisites

- Be familiar with electrotechnical concepts
- Course: Introducing EcoStruxure Power Automation System

Objectives

- Understand role of EPAS components and know to operate them
- Be able to describe EPAS core components and applications

Basic

Course ID

BLDECXES0001041



Duration

4 hours

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

EcoStruxure Power Automation System: SCE Introduction

Course Description

This eLearning is based on multiple short videos to introduce some features of the SCE as System configuration Editor for EPAS.

There are also few Quiz, and a link to request database example and SCE to start practice. It covers an overview of main features, the electrical configuration and the system configuration.

All details for C264, C5 or EPAS-Gateway configuration are explained in EPAS Design & Configuration training (ERGNRGI0001017)

To get an introduction on the other System Configuration Tool : EPAS-E, watch the videos of course EcoStruxure Power Automation System Engineering Basics (ERGNRGC0001000)

Target Audience

- Application Engineer / Product Application Engineer
- Technical Support engineer, Field Service Engineer

Prerequisites

EcoStruxure Power Automation System: Components Technical Overview

Objectives

Be able to use basic features of SCE and able to attend EPAS Design & Configuration course

Intermediate

Course ID

ERGNRGI0001017



Duration

4 days

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Blended

Training Contact

EMBDTrainingRequest@se.com

EcoStruxure Power Automation System: Design and Configuration

Course Description

This course will provide students capability to design and configure with SCE a EPAS system (C264 controller, Easergy C5, Gateway, electrical and system elements) and how to debug simple issues.

Target Audience

- Application Engineer / Product Application Engineer
- Technical Support engineer
- Field Service Engineer

Prerequisites

- Be familiar with electrotechnical concepts
- Introducing EcoStruxure Power Automation System
- EcoStruxure Power Automation System: Components Overview

Objectives

- Be able to configure, install and debug EPAS based on C264, C5, EPAS Gateway
- Get used to System management and improve practical experience with EPAS system

Intermediate

EcoStruxure Power Automation System: EPAS-UI Design and Configuration

Course ID

ERGNRGI0001015



Duration

4 days

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Blended

Training Contact

EMBDTrainingRequest@se.com

Course Description

This course will provide students practical experience with EPAS-UI configuration for different acquisition types, Graphics view design, Architectures and debug.

Target Audience

- Application Engineer / Product Application Engineer
- Technical Support engineer
- Field Service Engineer

Prerequisites

- Be familiar with electrotechnical concepts
- Introducing EcoStruxure Power Automation System
- EcoStruxure Power Automation System: Components Overview

Objectives

- Be able to configure different types of data acquisition, to configure graphical views and to debug simple issues
- Be able to define different (simple to distributed) architectures.

Intermediate

EcoStruxure Power Automation System: IEC 61850 Configuration and Debug

Course ID

ERGNRGI0001016



Duration

3 days

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Classroom/Virtual Classroom/ Blended

Training Contact

EMBDTrainingRequest@se.com



Course Description

This course gives details on configuration of IEC 61850 information in PAS with SCE and how to debug communication

Target Audience

- System engineers, technical leaders
- Internal employee subject to have to configure a PAS system by themselves.

Prerequisites

- EcoStruxure Power Automation System: Components Overview
- EcoStruxure Power Automation System: Design and Configuration
- EcoStruxure Power Automation System: IEC 61850 Overview

Objectives

- Be able to create a system configuration as per IEC 61850 standard and using SCE configuration tool.
- Be able to investigate IEC 61850 communication issues

Intermediate

EcoStruxure Power Automation System: IEC 61850 Overview

Course ID

ERGNRGI0001013



Duration

4 hours

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

Classroom/Virtual Classroom

Training Contact

EMBDTrainingRequest@se.com

Course Description

This course gives an overview of IEC 61850 standard and how it is used in PAS SCE data model.

Target Audience

- Application Engineer / Product Application Engineer
- Technical Support engineer
- Field Service Engineer

Prerequisites

- Basic Principles of IEC 61850
- Introducing EcoStruxure Power Automation System
- EcoStruxure Power Automation System: Components Overview
- EcoStruxure Power Automation System: Design and Configuration

Objectives

- Understand main concepts of IEC 61850 standard
- Understand and identify electrical information in PAS configuration according to IEC 61850 data model

Advanced

EcoStruxure Power Automation System Engineering (EPAS-E)

Course ID

BLDNRGI0001001



Duration

1 day

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

Classroom/Virtual Classroom

Training Contact

EMBDTrainingRequest@se.com

Course Description

This course gives details on how to use EPAS-E application to create a system Configuration for a Power Automation System architecture.

Target Audience

- System engineers, technical leaders
- Internal employee subject to have to configure a PAS system by themselves.

Prerequisites

- EcoStruxure Power Automation System: IEC 61850 Overview
- EcoStruxure Power Automation System: IEC 61850 Configuration and Debug
- EcoStruxure Power Automation System Engineering Basics

Objectives

Be able to create a EPAS system configuration as per IEC 61850 with EPAS-E

Advanced

ISaGRAF for EcoStruxure Power Automation System

Course ID

BLDECXCS0001013



Duration

16 hours

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Course Description

This course will provide students capability to design and configure ISaGRAF applications based on API for C264 or Gateway with SCE and ISaGRAF workbench

Target Audience

- Application Engineer / Product Application Engineer
- Technical Support engineer
- Field Service Engineer

Prerequisites

- EcoStruxure Power Automation System: Components Overview
- EcoStruxure Power Automation System: Design and Configuration
- SCE and ISaGRAF must be installed and with a valid license each
- Knowledge of SFC basis, and ST programming in ISaGRAF workbench

Objectives

Be able to develop ISaGRAF applications for C264 or EPAS-Gateway, with ISaGRAF workbench and SCE application

Advanced

EcoStruxure Power Automation System: WebHMI Technical Overview

Course Description

This course is based on a recorded webinar with demonstrations. These videos explains how to do configure webserver settings and how to use standard features of WebHMI without graphical views. There is a focus on email notifications.

Target Audience

- Application Engineer / Product Application Engineer
- Technical Support engineer
- Field Service Engineer

Prerequisites

- EcoStruxure Power Automation System: Components Overview
- EcoStruxure Power Automation System: Design and Configuration
- EcoStruxure Power Automation System: EPAS-UI Design and Configuration

Objectives

Be able to use default standard features of WebHMI.

Course ID

ERGNRGE0001024



Duration

3 hours

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Advanced

EcoStruxure Power Automation System:
Introduction to WebHMI Tools

Course ID

ERGNRGE0001031



Duration

2 hours

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

Course Description

This course is based on a recorded webinar with demonstrations. Three videos explains how to use HMI Studio to create graphical views and the result displayed in EPAS-UI WebHMI.

Target Audience

- Application Engineer / Product Application Engineer
- Technical Support engineer
- Field Service Engineer

Prerequisites

- EcoStruxure Power Automation System: Components Overview
- EcoStruxure Power Automation System: Design and Configuration
- EcoStruxure Power Automation System: EPAS-UI Design and Configuration
- EcoStruxure Power Automation System: WebHMI

Objectives

Be able to create graphics in HMI Studio, integrate result in WebHMI installation folders and display the result in WebHMI views

Intermediate

Course ID

BLDECXBS0001002



Duration

8 hours

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

EcoStruxure Power Automation System: iFLS –
iPMS Configuration

Course Description

This course explains with videos how to install iFLS packages, and will provide students who already know iFLS theory, the capability to configure iFLS, iPMS with SCE and PMS Studio.

Target Audience

- Application Engineer / Product Application Engineer
- Technical Support engineer

Prerequisites

- EcoStruxure Power Automation System: Components Overview
- EcoStruxure Power Automation System: Design and Configuration
- EcoStruxure Power Automation System – SCE Introduction
- EcoStruxure Power Automation System – iFLS theory

Objectives

- Be able to configure iFLS iPMS projects.

Basic

Ethernet Network and Switches: Basic Overview

Course ID

ERGNRGE0001036



Duration

2 hours

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Course Description

This course provides an overview of main concepts of Network computing, and redundancy protocols that can be used for Power Automation System architectures.

Target Audience

System engineers, technical leaders

Prerequisites

None

Objectives

Be able to identify main concepts of Ethernet Network Computing

Advanced

Course ID

BLDPRDES0001056



Duration

16 hours

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Ethernet Networks for Power Automation: Advanced Concepts

Course Description

This eLearning is based on detailed presentations and Quiz to explain advanced concepts for Ethernet Networks used in a context of Power Automation Systems. It covers VLAN, Routing, VRRP and redundant protocols like RSTP, MRP, RRC, PRP, HSR. You will learn details on how each of these protocols works, how to configure switches for different redundant protocols and how to test these configurations.

Target Audience

System engineers, technical leaders

Prerequisites

- Introduction to Ethernet Networks (Course Code: BLDPRDES0001053) ,
- Ethernet Network and Switches Basic Overview (Course Code: ERGNRGE0001036)

Objectives

Be able to apply minimum basic cybersecurity setBe able to design advanced ethernet network architectures, to configure Ethernet switches for redundant protocols, to understand possible issues and be able to start a first level of analysis.

Intermediate

EcoStruxure Power Automation System Engineering - (EPAS-E) Fundamentals

Course ID

BLDECXES0001096



Duration

4 hours

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Playlist

Training Contact

EMBDTrainingRequest@se.com

Course Description

This course based on multiple short videos to introduce and explain all features of the EPAS-E application. There are also a link to request access to the setup file.

Target Audience

- System engineers, technical leaders
- Employee subject to have to configure an IEC 61850 system by themselves.

Prerequisites

- EcoStruxure Power Automation System: IEC 61850 Overview
- EcoStruxure Power Automation System Engineering Basics (ERGNRGC0001000)

Objectives

- Be able to create a system specification or configuration as per IEC 61850.
- Know how to design SLD, create data exchanges, configure other protocols for these exchanges (Modbus, DNP3, IEC 104, OPC), exchange SCD files with other configuration tools.

Advanced

Course ID

ERGNRGC0001002



Duration

1 hour

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Playlist

Training Contact

EMBDTrainingRequest@se.com

Profile Studio for EcoStruxure Power Automation System

Course Description

This curriculum of videos is intended for technical Engineers who want to use Profile Studio in EPAS. It is based on recorded Webinar to show its features, how to use it with EPAS-E and EcoSUI.

Target Audience

- Application Engineer / Product Application Engineer
- Technical Support engineer
- Field Service Engineer

Prerequisites

- EcoStruxure Power Automation System: Components Overview
- EcoStruxure Power Automation System: EPAS-E Fundamentals
- EcoStruxure Power Automation System: EcoSUI Design and Configuration

Objectives

Be able to use Profile Studio, assign and manage profiles for EPAS projects configured with EPAS-E.

Power Automation: Applications & Technologies

Power Automation: Applications & Technologies

Course Description

This curriculum is a combination of videos and e-learning modules covering different aspects of application and technologies for power automation systems. It is intended to provide the general knowledge on specific applications including interlockings, Automatic voltage regulation, automatic transfer schemes and other related solutions

Target Audience

Application engineers and solution engineers who are involved in projects regarding Power Automation Systems

Prerequisites

Should have basic understanding about power system protection and control.

Objectives

Learn the basic aspects of some of these applications and technologies as it realtes to power automation systems and how they comply with customer requirements.

- Basic
- Intermediate
- Advanced

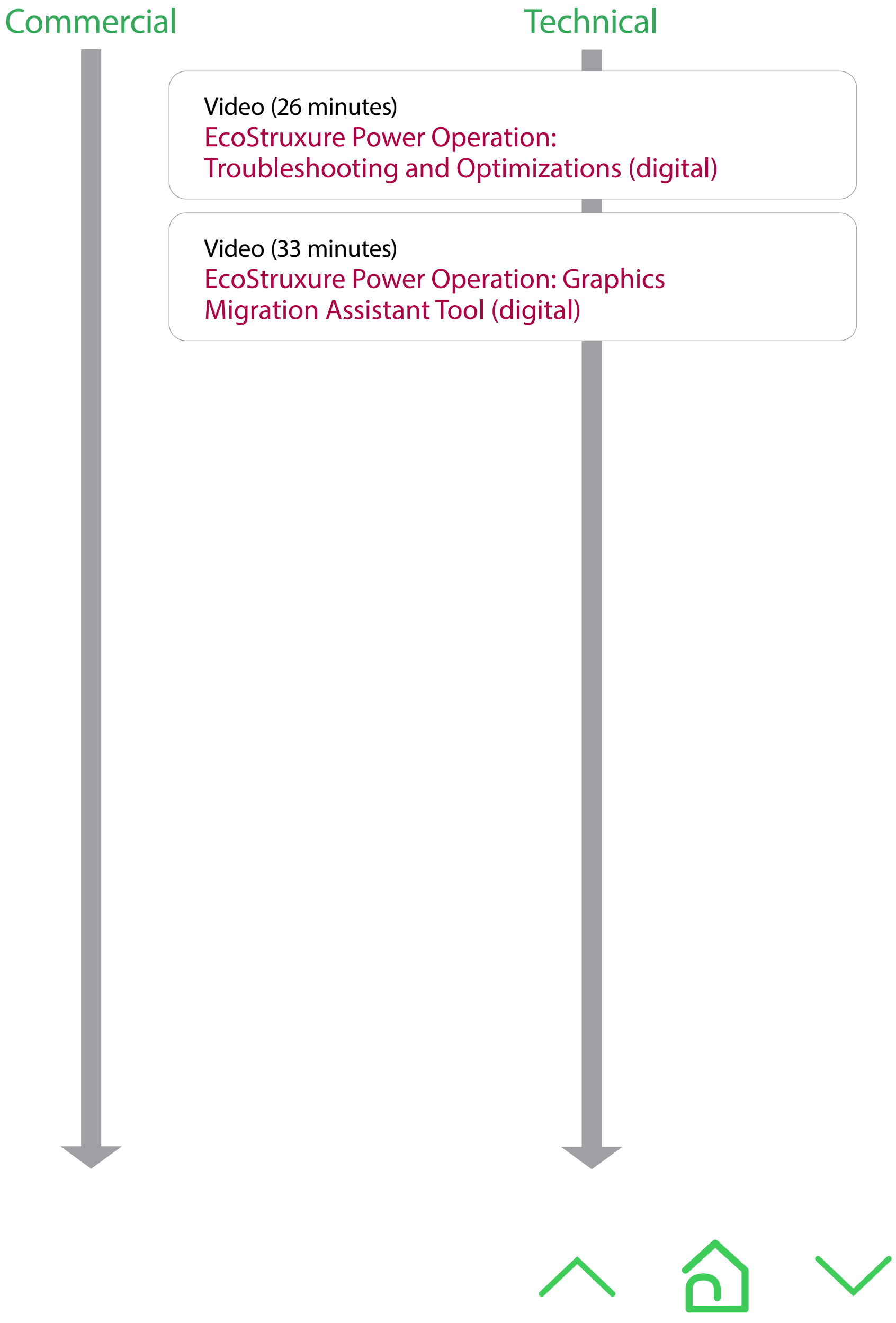
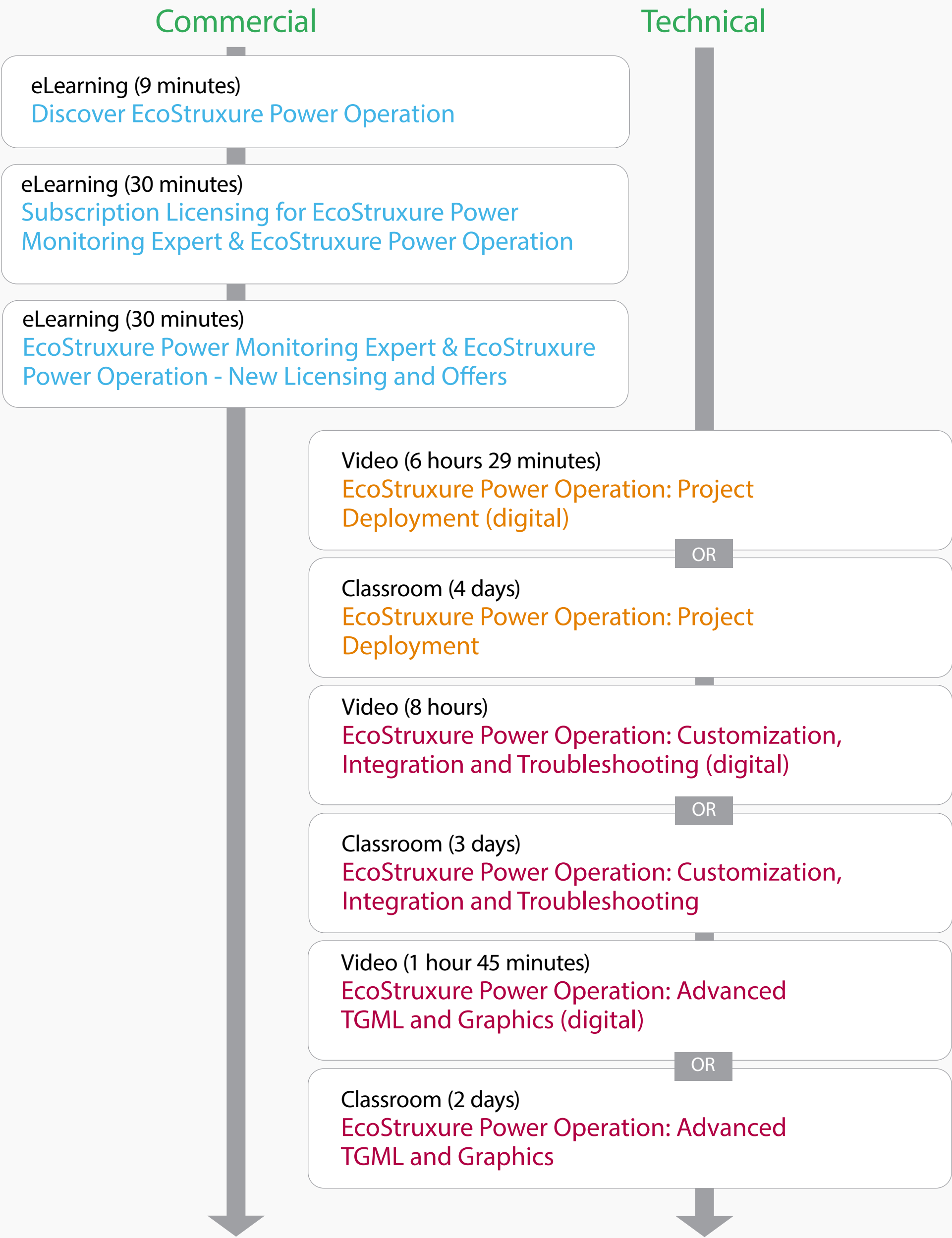
Technical & Commerical

BLDECXES0001018	Power Automation Application Interlockings
BLDECXES0001017	Power Automation Application Start Inhibition
BLDECXES0001015	Power Automation Application Fault Location, Isolation and Supply Restoration (FLISR)
BLDECXES0001020	Power Automation Application Fast Load Shedding (FLS)
BLDECXES0001013	Power Automation Application Generator Management System (GMS)
BLDECXES0001022	Power Automation Application Automatic Voltage Regulation (AVR)
BLDECXES0001014	Power Automation Application Automatic Transfer Scheme (ATS)
BLDECXES0001019	Power Automation Application Synchronizer
BLDECXES0001016	Selectivity and Backup Trip
BLDECXES0001016	EcoStruxure Power Automation System: iFLS theory and solution



EcoStruxure Power Operation

- Basic
- Intermediate
- Advanced



Basic

Discover EcoStruxure Power Operation

Course ID
PTRSALE5001



Duration
9 minutes

Registration
Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method
Webinar

Training Contact
EMBDTrainingRequest@se.com

Course Description

This video provides a brief overview of EcoStruxure™ Power Operation edge control software offer, formerly known as Power SCADA Operation (PSO). It provides users with information on the value propositions, key features, targeted segments and differentiators of this software to other power monitoring and control software offers.

Target Audience

- Application Engineer / Product Application Engineer
- Technical Support engineer L1-L2-L3
- Field Service Engineer
- System Integrator / Partner

Prerequisites

- Be familiar with SCADA
- Proficiency in Communication Protocols

Objectives

- Understand the various components of Power Operation
- Recognize and plan Power Operation Architectures

Basic

Course ID
BLDSALES0001080



Duration
30 Minutes

Registration
Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method
eLearning

Training Contact
EMBDTrainingRequest@se.com

Subscription Licensing for EcoStruxure Power Monitoring Expert & EcoStruxure Power Operation

Course Description

This module ensures you can talk to customers about Simplified Lifecycle Management of EcoStruxure Power Monitoring Expert & EcoStruxure Power Operation and licenses and describe the three-tier model.

Target Audience

- Application Engineer/Product Application Engineer.
- Technical Support Engineer L1-L2-L3.
- Field Service Engineer.
- EcoXpert Partner
- Sales and Marketing.
- Offer Manager.

Prerequisites

None

Objectives

- Understand EcoStruxure™ PME and the offer positioning.
- This module ensures you can talk to customers about Simplified Lifecycle Management of EcoStruxure Power Monitoring Expert & EcoStruxure Power Operation and licenses and describe the three-tier model.

Basic

Course ID

BLDSALES0001079



Duration

30 Minutes

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

elearning

Training Contact

EMBDTrainingRequest@se.com

EcoStruxure Power Monitoring Expert & EcoStruxure Power Operation - New Licensing and Offers

Course Description

This module ensures you can talk to customers about different aspects of the EcoStruxure Power Monitoring Expert & EcoStruxure Power Operation license, the shift to Annual Recurring Revenue (ARR) business model, the value proposition for our partners as well as end users, and the details of how this model is handled throughout the lifecycle.

Target Audience

- Application Engineer/Product Application Engineer.
- Technical Support Engineer L1-L2-L3.
- Field Service Engineer.
- EcoXpert Partner
- Sales and Marketing.
- Offer Manager.

Prerequisites

None

Objectives

- Know the offer positioning and the competition.
- Understand licensing and ordering process.
- This module ensures you can talk to customers about different aspects of the EcoStruxure Power Monitoring Expert & EcoStruxure Power Operation license,
- the shift to Annual Recurring Revenue (ARR) business model,
- the value proposition for our partners as well as end users,
- the details of how this model is handled throughout the lifecycle.

Intermediate

Course ID

BLDDIGCS0001000
BLDDIGCS0001001
BLDDIGCS0001002



Duration

6 hours 29 minutes

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

EcoStruxure Power Operation: Project Deployment (digital)

Course Description

This self-paced curriculum takes you through the journey of a Power Operation Project Deployment through interactive videos. The extensive videos cover the entire horizon of Power Operation including installation, planning, architecture and network management, project management, device management, graphics creation, management of trends, alarms, events and waveforms

Target Audience

- Applications Engineer/Product Application Engineer.
- Technical Support Engineer.
- Field Service Engineer.
- System Integrators/Partners.

Prerequisites

- Be familiar with Microsoft Windows operating systems.
- Have basic knowledge in networking and communication protocols used in substation automation

Objectives

Upon completion the participant will be able to:

- Understand Power Operation Architecture and networking
- Plan your power Operation system
- Install Power Operation
- Create and manage projects
- Create Device profiles and Device types
- Establish communications with connected products
- Create graphic pages and one-line diagrams
- Understand and manage events, alarms, trends and waveforms
- Integration with Power Monitoring Expert

Intermediate

EcoStruxure Power Operation: Project Deployment

Course ID

PTRTECI0001007



Duration

4 days



Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Classroom/Virtual Classroom

Training Contact

EMBDTrainingRequest@se.com

Course Description

This interactive course allows you to deploy Power Operation project. It includes practice with protection and power monitoring devices. The course transverses the full process of installing the software, creating and configuring a project, managing devices in the system and using built in libraries to create the graphical interface of the project. Use of device profiles, creation of graphic pages, configuration and use of data collection, of alarms are covered. The class also introduces knowledge of the principles behind architecture and networking in Power Operation.

Target Audience

- Applications Engineer/Product Application Engineer.
- Technical Support Engineer.
- Field Service Engineer.
- System Integrators/Partners.

Prerequisites

- Be familiar with Microsoft Windows operating systems.
- Have basic knowledge in networking and communication protocols used in substation automation.
- Have experience in power monitoring and network protection devices.

Objectives

- Install Power Operation system
- Create an entire project from start to finish
- Commission a full Power Operation project
- Add, configure and manage devices in the system
- Create one line diagrams and add control functionality
- Manage alarms, trends, reports and waveforms

Advanced

Course ID

BLDPRDCS0001050

BLDPRDCS0001051

Part 3: Coming Soon!



Duration

8 hours

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

EcoStruxure Power Operation: Customization, Integration and Troubleshooting (digital)

Course Description

This self paced curriculum demonstrates the advanced features and troubleshooting techniques of Power Operation through interactive videos. This course includes practical exercises with power monitoring devices, protection devices and PLC's. Participants will also configure composite and concentrated devices and learn how to solve configuration and communications issues while developing troubleshooting skills

Target Audience

- Applications Engineer/Product Application Engineer.
- Technical Support Engineer.
- Field Service Engineer.
- System Integrators/Partners.

Prerequisites

- Be familiar with Microsoft Windows operating systems.
- Have basic knowledge in networking and communication protocols used in substation automation.
- Have obtained 80% on the EcoStruxure Power Operation: Project Deployment exam

Objectives

- Learn to configure redundancy in a PSO system
- Integration of third party devices including protection relays and PLC's
- Work with Cicode functions
- Work with JavaScripts
- Configure citect.ini parameters
- Create and configure composite and concentrated devices
- Use network architecture to configure system redundancy
- Troubleshoot with log files: ENM, Core Services, PME, ETL, Verbose
- Troubleshoot with Kernel

Advanced

Course ID

BLDSERI0001002



Duration

3 days



Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Classroom/Virtual Classroom

Training Contact

EMBDTrainingRequest@se.com

EcoStruxure Power Operation: Customization, Integration & Troubleshooting

Course Description

This interactive course allow participants to configure advanced features and learn troubleshooting techniques that help to increase performance and overall health of their systems. This course includes practical exercises with power monitoring devices, protection devices and PLC's. Participants will also configure composite and concentrated devices and learn how to solve configuration and communications issues while developing troubleshooting skills

Target Audience

- Applications Engineer/Product Application Engineer.
- Technical Support Engineer.
- Field Service Engineer.
- System Integrators/Partners.

Prerequisites

- Be familiar with Microsoft Windows operating systems.
- Have basic knowledge in networking and communication protocols used in substation automation.
- Have obtained 80% on the EcoStruxure Power Operation: Project Deployment exam

Objectives

- Learn to configure redundancy in a PO system
- Integration of third party devices including protection relays and PLC's
- Work with Cicode functions
- Work with JavaScripts
- Configure citect.ini parameters
- Create and configure composite and concentrated devices
- Use network architecture to configure system redundancy
- Troubleshoot with log files: ENM, Core Services, PME, ETL, Verbose
- Troubleshoot with Kernel

Advanced

Course ID

BLDPRDCS0001053



Duration

1 hour 45 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

Ecostruxure Power Operation: Advanced TGML and Graphics (digital)

Course Description

This self-paced course provides engineers who already have experience deploying EPO graphics with resources to develop Advanced TGML and Graphics. The course traverses through the Graphics Editor basics and tools required to build EPO Graphics and One-Line Diagrams. It lays the foundation for basics of JavaScripting, traverses through the details of TGML script element, its context, common methods and functions and script creation. The best practices to deploy graphics including global scripts, components, groups, and dynamic substitution are also discussed. It highlights the debugging and troubleshooting tools available as well.

Please keep in mind, that this training might be updated or extended with further topics as of troubleshooting-/ and optimization demands and needs.

Target Audience

- System Architects
- Technical Support Engineer
- System Integrators/Partners
- Application Engineers

Prerequisites

- Have completed EPO Project Deployment(digital) or EPO Project Deployment Training and passed the Exam(80%)
- Have completed EPO Project Deployment Customization, Integration and Troubleshooting and passed the Exam (80%)
- Have Experience Deploying Power Operation customer projects with the development of Standard EPO graphics
- Know the basics of JavaScript

Objectives

- Understand Graphics Editor Tool basics
- Understand basics of TGML
- Understand One-Line Diagrams
- Build standard Graphics and One-Line Diagrams
- Understand JavaScript basics
- Understand and develop Advanced TGML Scripts
- Understand and deploy Graphics Best practices
- Debug and Troubleshoot TGML scripts



Advanced

Course ID

BLDECXVS0001001



Duration

2 days

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Virtual Classroom

Training Contact

EMBDTrainingRequest@se.com

Ecostruxure Power Operation: Advanced TGML and Graphics

Course Description

This interactive course provides engineers who already have experience deploying EPO graphics with resources to develop Advanced TGML and Graphics. The course traverses through the Graphics Editor basics and tools required to build EPO Graphics and One-Line Diagrams. It lays the foundation for basics of JavaScripting, traverses through the details of TGML script element, its context, common methods and functions and script creation. The best practices to deploy graphics including global scripts, components, groups, and dynamic substitution are also discussed. It highlights the debugging and troubleshooting tools available as well.

Target Audience

- System Architects
- Technical Support Engineer
- System Integrators/Partners
- Application Engineers

Prerequisites

- Have completed EPO Project Deployment(digital) or EPO Project Deployment Training and passed the Exam(80%)
- Have completed EPO Project Deployment Customization, Integration and Troubleshooting and passed the Exam (80%)
- Have Experience Deploying Power Operation customer projects with the development of Standard EPO graphics
- Know the basics of JavaScript

Objectives

- Understand Graphics Editor Tool basics
- Understand basics of TGML
- Understand One-Line Diagrams
- Build standard Graphics and One-Line Diagrams
- Understand JavaScript basics
- Understand and develop Advanced TGML Scripts
- Understand and deploy Graphics Best practices
- Debug and Troubleshoot TGML scripts

Advanced

Course ID

BLDPRDCS0001056



Duration

26 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Virtual Classroom

Training Contact

EMBDTrainingRequest@se.com

EcoStruxure Power Operation: Troubelshooting and Optimization (Digital)

Course Description

The self-paced curriculum for "Power Operation Troubleshooting and Optimization (Digital)" introduces the tools needed and techniques used to analyze, understand and troubleshoot your Power Operation system and communications. It also provides different tools and techniques used to improve the Servers and communications performance of your Power Operation system.

It lays out the needs for analyzing, understanding, troubleshooting, and optimization tasks carried out by technical support and system optimization engineers.

Please keep in mind, that this training might be updated or extended with further topics as of troubleshooting-/ and optimization demands and needs.

Target Audience

- System Architects
- Technical Support Engineer
- System Integrators/Partners
- Application Engineers

Prerequisites

- Have completed EPO Project Deployment(digital) or EPO Project Deployment Training and passed the Exam(80%)
- Have completed EPO Project Deployment Customization, Integration and Troubleshooting and passed the Exam (80%)
- Have Experience Deploying Power Operation customer projects with the development of Standard EPO graphics
- Know the basics of JavaScript

Objectives

- Understand Graphics Editor Tool basics
- Understand basics of TGML
- Understand One-Line Diagrams
- Build standard Graphics and One-Line Diagrams
- Understand JavaScript basics
- Understand and develop Advanced TGML Scripts
- Understand and deploy Graphics Best practices
- Debug and Troubleshoot TGML scripts



Advanced

Course ID

BLDPRDCS0001048



Duration

33 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Video

Training Contact

EMBDTrainingRequest@se.com

EcoStruxure Power Operation: Graphics Migration Assistant Tool (Digital)

Course Description

The self-paced curriculum for Power Operation Graphics Migration Assistant Tool (Digital) introduces the Graphics Migration Assistant Tool for migration of Legacy Citect based Graphics into native HTML5 WebHMI Graphics. The curriculum goes through, installation, workflow, mapping, configuration, editing, and conversion of Legacy Graphics and Genies into TGML conform Graphics and Components.

Target Audience

- System Architects
- Technical Support Engineer
- System Integrators/Partners
- Application Engineers

Prerequisites

- Power Operation: Project Deloyment

Objectives

- Migrate Power Operation legacy graphics into HTML5 web HMI graphics
- Configure, edit, and map legacy graphic into TGML graphics

EcoStruxure Power Advisor

- Basic
- Intermediate
- Advanced

Commercial

eLearning (60 minutes)
Power Advisor: Introduction for Strategic Customers & Segments

eLearning (45 minutes)
Power Advisor: Driving Customer Success through PA Reports

Technical

eLearning (20 minutes)
Power Advisor: Getting Data for Analysis

eLearning (2 hours)
Power Advisor: Configuration

eLearning (1.5 hours)
Power Advisor: Analysis & Reports

eLearning (45 minutes)
EcoStruxure Power Advisor: Alarm Health Analysis

eLearning (90 minutes)
EcoStruxure Power Advisor: System Health Server Setup

eLearning (45 minutes)
EcoStruxure Power Advisor: System Health Client Setup

Basic

Course ID

ESUSALD0001028

Duration

1 hours

Delivery Method

eLearning

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Training Contact

EMBDTrainingRequest@se.com

Power Advisor: Introduction for Strategic Customers & Segments

Course Description
The objective of this training is to present the challenges at the customer side and how EcoStructure Power Advisor can address them. The class present the core values of the Power Advisor offer, and how they apply in the scope of EcoStruxure Power. Participants will be able to understand the value proposition and positioning of Power Advisor. What are the different components of the offer and how they apply to the customer needs.

- Target Audience**
- EcoXperts
 - System Integrators
 - Specifiers, Electrical distribution designers
 - Qualified personnel who are responsible for the design and configuration of EcoStruxure™ Power projects

Prerequisites
None

Objectives
Understand EcoStruxure Power Advisor Offer

Intermediate

Course ID
PTRSERE2000



Duration
39 minutes

Registration
Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method
eLearning

Training Contact
EMBDTrainingRequest@se.com

EcoStruxure Power Advisor: Getting Data for Analysis

Course Description
The class will cover the steps needed to Get Data for analysis into EcoStruxure Power Advisor. The participant will see how to enable Automatic Data upload, or collect data using the Manual Data Extractor tool with Power Monitoring Expert or Power Operation.

Target Audience

- EcoXperts
- System Integrators
- Specifiers, Electrical distribution designers
- Qualified personnel who are responsible for the design and configuration of EcoStruxure™ Power projects

Prerequisites

- Be familiar with the concepts of power monitoring and energy management.
- Have Experience with Power Monitoring Expert software.

Objectives

- Understand the different data collection models
- Work successfully with the Manual Data Extraction tool

Intermediate

Course ID
PTRSERE2002



Duration
2 hours

Registration
Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method
eLearning

Training Contact
EMBDTrainingRequest@se.com

EcoStruxure Power Advisor: Configuration

Course Description
Be able to use the cloud based tool to configure the hierarchy, view system and network related issues and generate technical and end user reports that will be discussed with the client.

Target Audience

- EcoXperts
- System Integrators
- Specifiers, Electrical distribution designers
- Qualified personnel who are responsible for the design and configuration of EcoStruxure™ Power projects

Prerequisites

- Be familiar with the concepts of power monitoring and energy management.
- Have Experience with Power Monitoring Expert software.
- Have accomplished the Power Advisor Extraction process module.

Objectives

- Know how to upload data to the Power Advisor Tool.
- Know how to configure the hierarchy.
- Know how to trigger analysis and print the related reports

Intermediate

EcoStruxure Power Advisor: Driving Customer Success with PA Reports

Course ID

PTRPRDE0001035



Duration

45 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Course Description

This course focuses on the best practices for delivering the Power Advisor reports and services. It provides emphasis on the value we bring to customers and the impact to their business. It guides through the workflow with Power Advisor and shares best practices when preparing and presenting the results to the end user.

Target Audience

- EcoXperts
- System Integrators
- Specifiers, Electrical distribution designers
- Qualified personnel who are responsible for the design and configuration of EcoStruxure™ Power projects

Prerequisites

None

Objectives

- Describe the best practices on delivering a PA report.
- Drive the conversation with a customer about the PA reports.
- Explain the value of the PA reports to a customer.
- Explain the impact of the PA report to a customer’s facility.

Advanced

EcoStruxure Power Advisor: Analysis & Reports

Course ID

PTRSERE2001



Duration

1.5 hours

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Course Description

In this module you will be able to understand the different types of analysis performed on Data Quality and Electrical Health and dive into details in the different issues and be able to communicate the problems and solutions to the end user.

Target Audience

- EcoXperts
- System Integrators
- Specifiers, Electrical distribution designers
- Qualified personnel who are responsible for the design and configuration of EcoStruxure™ Power projects

Prerequisites

- Be familiar with the concepts of power monitoring and energy management.
- Have Experience with Power Monitoring Expert software.
- Have completed the Power Advisor configuration module.

Objectives

- Set the workflow to work with Power Advisor tool.
- Define the conversation with the customer.
- Dive into the detailed reports.
- Know where to get support on the subject.

Advanced

Course ID

ERGNRGE0001033



Duration

45 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

EcoStruxure Power Advisor: Alarm Health Analysis

Course Description

In this module you will be able to understand the value proposition of Alarm Health and the different types of analysis performed. Deep dive into details in the different issues and be able to communicate the problems and solutions to the end user.

Target Audience

- EcoXperts
- System Integrators
- Specifiers, Electrical distribution designers
- Qualified personnel who are responsible for the design and configuration of EcoStruxure™ Power projects

Prerequisites

- Be familiar with the concepts of power monitoring and energy management.
- Have Experience with Power Monitoring Expert software.
- Have completed the Power Advisor configuration module.

Objectives

- Understand the value proposition of Alarm Health
- Understand the analysis performed
- Communicate the results to the customer and propose corrective actions

Advanced

Course ID

ERGNRGE0001035



Duration

1.5 hours

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

EcoStruxure Power Advisor: System Health Server Setup

Course Description

In this module you will be able to understand the steps needed in order to setup EcoStruxure Power Advisor : System Health Server system. The class will guide you through the steps how to install the Dashboard component and how to setup it, in order to get notifications from the monitoring client applications.

Target Audience

- EcoXperts
- System Integrators
- Specifiers, Electrical distribution designers
- Qualified personnel who are responsible for the design and configuration of EcoStruxure™ Power projects

Prerequisites

- Be familiar with the concepts of power monitoring and energy management.
- Have Experience with Power Monitoring Expert software.

Objectives

- Be able to install EcoStruxure Power Advisor System Health Server
- Be able to configure the software to retrieve notifications and visualize them

Advanced

Course ID

ERGNRGE0001034



Duration

45 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

EcoStruxure Power Advisor: System Health Client Setup

Course Description

In this module you will be able to understand the steps needed in order to setup EcoStruxure Power Advisor: System Health Client monitoring application. The class will guide you through the steps how to install the component and how to setup it, in order to send notifications to the Dashboards (Server) application.

Target Audience

- EcoXperts
- System Integrators
- Specifiers, Electrical distribution designers
- Qualified personnel who are responsible for the design and configuration of EcoStruxure™ Power projects

Prerequisites

- Be familiar with the concepts of power monitoring and energy management.
- Have Experience with Power Monitoring Expert software.

Objectives

- Be able to install EcoStruxure Power Advisor System Health Client application
- Be able to configure the software to send notifications

EcoStruxure Energy Hub



- Basic
- Intermediate
- Advanced

Commercial

Technical

eLearning (20 minutes)
[EcoStruxure Energy Hub: Offer Overview](#)

Videos (9 minutes)
[EcoStruxure Energy Hub Demo](#)

Videos (3.5 hours)
[EcoStruxure Energy Hub: Project Deployment \(Digital\)](#)

Coming soon!!!
[EcoStruxure Energy Hub: Operation \(Digital\)](#)



Basic

Course ID

EPAECXES0001042

Duration

20 minutes

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

EcoStruxure Energy Hub: Overview

Course Description

A short overview of the value propositions, segmentation, positioning, architecture and features to gain a fundamental understanding of the EcoStruxure Energy Hub offer

Target Audience

- Applications Engineer/Product Application Engineer.
- Technical Support Engineer.
- Field Service Engineer.
- System Integrators/Partners.

Prerequisites

None

Objectives

- To understand the basics of EcoStruxure Energy Hub
- Recognized where and how to promote & Sell this offer
- Study this offer as a software as a service solution
- Understand the mid-market building, energy management market trends and needs

Basic

EcoStruxure Energy Hub Demo

Course ID

BLDECXDS0001134

Duration

9 minutes

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

Videos

Training Contact

EMBDTrainingRequest@se.com



Course Description
EcoStruxure Energy Hub is a cloud based IoT subscription platform, designed with simplicity in mind for achieving energy and sustainability goals for Commercial, Institutional, and Industrial buildings. In this step-by-step demo, we'll explore the different dashboards and features offered by Energy Hub to visualize energy data to drive energy efficiency and sustainability decision making, along with driving uptime of the building.

Target Audience

- Applications Engineer/Product Application Engineer.
- Technical Support Engineer.
- Field Service Engineer.
- System Integrators/Partners.

Prerequisites
None

Objectives

- To understand the basics of EcoStruxure Energy Hub
- Step-by step guide to understand the various features of the offer.
- How to navigate through the different dashboards and screens.
- Understand how this offer can help in driving energy efficiency and sustainability decision making in Small & Midsize buildings.

Intermediate

Course ID

BLDECXCS0001055

Duration

3.5 hours
2 hr 30 mins (14 modules) available now

Delivery Method

Curriculum

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Training Contact

EMBDTrainingRequest@se.com



EcoStruxure Energy Hub: Project Deployment (Digital)

Course Description
This self-paced curriculum takes you through the journey of Energy Hub Project Deployment through a series of videos. These extensive videos cover the entire horizon of Energy Hub deployment including architecture, gateway selection & configuration, device integration and cloud application setup.

Target Audience

- Any Internal or External stakeholder who needs to deploy an Energy Hub system.

Prerequisites

- EcoStruxure Energy Hub Demo.
- Be familiar with Microsoft Windows operating systems.
- Have basic knowledge in networking and communication.

Objectives

- To discover the different components of the architecture.
- Learn to select the correct gateway and configure at site.
- Learn to setup Energy Hub cloud application with organization, users, sites & hierarchy.
- Learn to configure, Single Line Diagram, alarms & notifications.
- Learn to use API for data sharing to third-party systems.

Basic

Course ID

Coming soon



Duration

To be defined

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Videos

Training Contact

EMBDTrainingRequest@se.com

EcoStruxure Energy Hub: Operation (Digital)

Course Description

This self-paced curriculum takes you through the journey of navigation & operation of Energy Hub through a series of videos. These extensive videos cover the entire horizon of operation of Energy Hub, including Login, navigation of Asset, Energy & Electrical views and usage of various functionalities in Energy Performance, Tenant Billing etc.

Target Audience

- Any Internal or External stakeholder who needs to operate an Energy Hub system.

Prerequisites

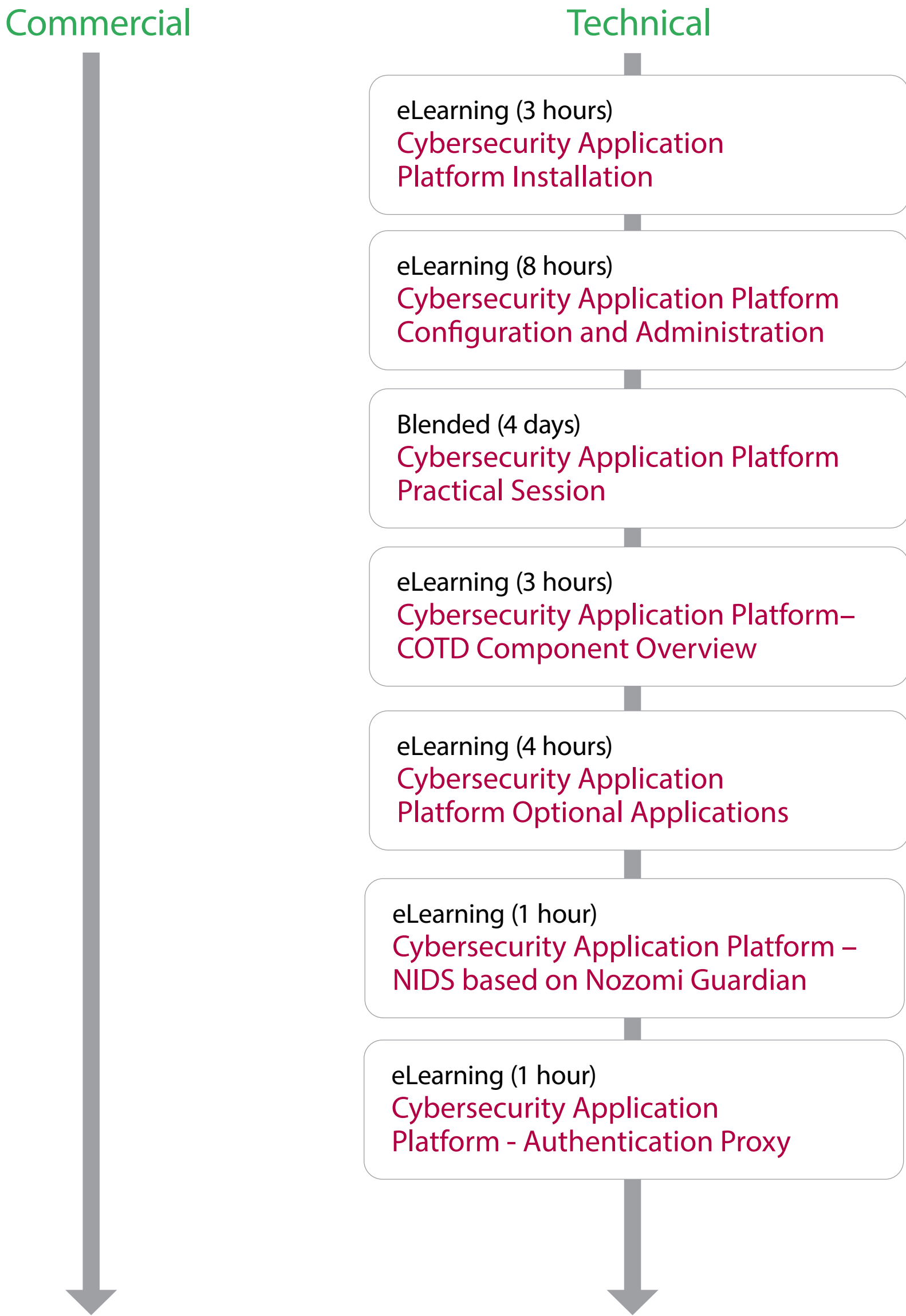
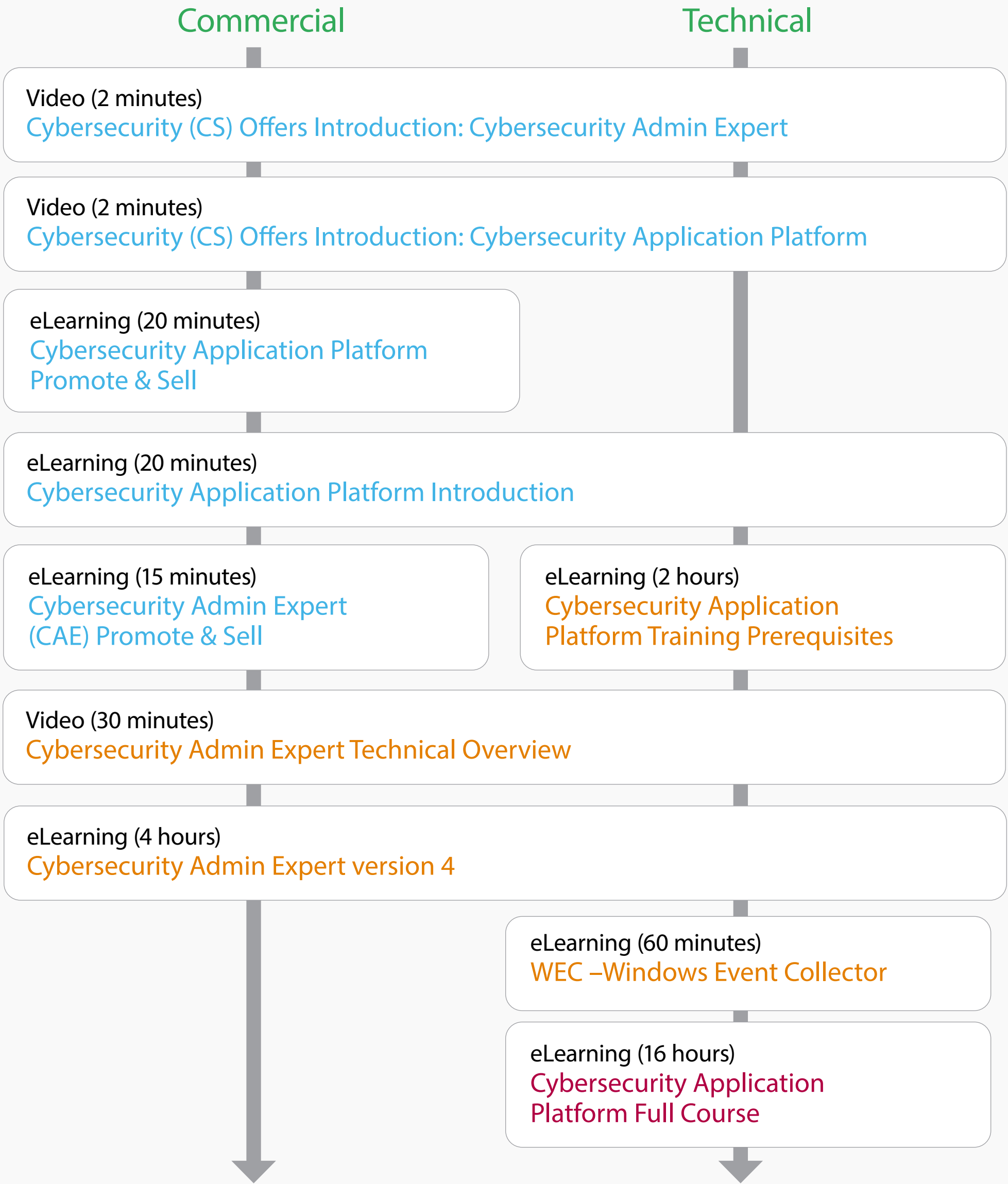
Be familiar with Microsoft Windows operating systems.

Objectives

- To discover the offer and the various components of Energy Hub
- Learn to login and navigate through the different tabs and views.
- Learn to manage user accounts.
- Learn to use various energy & alarm gadgets and single line diagrams.
- Learn to generate and view Tenant bills.
- Learn to use specific functionalities like NABERS and data exchange thru API.
- Learn to navigate and use the mobile application.

Cybersecurity

- Basic
- Intermediate
- Advanced



Basic

Course ID

BLDECXDS0001012



Duration

2 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

video

Training Contact

EMBDTrainingRequest@se.com

Cybersecurity (CS) Offers Introduction:
Cybersecurity Admin Expert

Course Description

In this short video, you will learn about the Cybersecurity Admin Expert that is part of the Cybersecurity (CS) offerings.

Target Audience

- Newcomers:
 - Business Developers
 - EAC Sales Support
 - Tendering Engineers
- Front Offices:
 - Salesforce and Country Marketing

Prerequisites

None

Objectives

Understand main purpose and goal of cybersecurity
Offer CAE that can be used to manage Security Policy, users, roles and permissions.

Basic

Course ID

BLDECXDS0001013



Duration

2 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Methods

video

Training contact

EMBDTrainingRequest@se.com

Cybersecurity (CS) Offers Introduction:
Cybersecurity Application Platform

Course Description

In this short video, you will learn about the Cybersecurity Application Platform that is part of the Cybersecurity (CS) offerings.

Target Audience

- Newcomers:
 - Business Developers
 - EAC Sales Support
 - Tendering Engineers
- Front Offices:
 - Salesforce and Country Marketing

Prerequisites

None

Objectives

Understand main purpose and goal of cybersecurity
Offer CAP.

Basic

Course ID

BLDECXES0001002

Duration

20 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Methods

eLearning

Training contact

EMBDTrainingRequest@se.com



Cybersecurity Application Platform
Promote & Sell

Course Description

This is an online training course intended to help sales teams, EcoXperts and new incomers looking to learn about CAP detailed value proposition and key differentiators of each components

Target Audience

- Newcomers:
 - Business Developers
 - EAC Sales Support
 - Tendering Engineers
- Front Offices:
 - Salesforce and Country Marketing

Prerequisites

Cybersecurity Offers Introduction

Objectives

Be able to explain detailed Value propositions, key differentiators of CAP components and Use cases for different customers.

Basic

Course ID

ERGNRGE0001011

Duration

20 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Working Methods

eLearning

Training contact

EMBDTrainingRequest@se.com



Cybersecurity Application Platform
Introduction

Course Description

This course provides a presentation of CAP goals, components and features, of Cybersecurity Application Platform

Target Audience

- System engineers, technical leaders, project managers
- Application Engineer / Product Application Engineer

Prerequisites

Cybersecurity Overview

Objectives

- Upon completion the participant will be able to:
- understand why this platform as been developed, the goals of its components and how to use them in a Cybersecurity Solution



Basic

Cybersecurity Admin Expert (CAE):
Promote and Sell

Course ID
BLDECXES0001010



Duration
15 minutes

Registration
Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Working Methods
eLearning

Training contact
EMBDTrainingRequest@se.com

Course Description
This course provides a presentation of offer value for CAE

Target Audience

- Business Developers
- EAC Sales Support
- Tendering Engineers
- Project managers
- Salesforce and Country Marketing

Prerequisites

- Cybersecurity Offers Introduction
- CAE Leaflet

Objectives

- Understanding CAE offer application field.
- Be able to initiate commercial dialogue with customer.

Intermediate

Cybersecurity Application Platform Training
Prerequisites

Course ID
ERGNRGE0001010



Duration
2 hours

Registration
Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method
eLearning

Training Contact
EMBDTrainingRequest@se.com

Course Description
This course provides mandatory prerequisites before participation to CAP training curriculum (Installation, COTD Overview, Nozomi integration). These are links to videos presenting Linux basics, Dockers, SOC and SIEM concepts.

Target Audience

- System engineers, technical leaders, project managers
- Application Engineer / Product Application Engineer
- Technical Support Engineer
- Field Service Engineer

Prerequisites

- Cybersecurity Overview
- CAP Introduction

Objectives

- Be able to understand concepts used in CAP, and practice simple Linux command line interface.
- Manipulate and edit files with Linux standard commandsCourse ID.

Intermediate

Cybersecurity Admin Expert Technical Overview

Course ID

ENGPRDDS0001000



Duration

30 minutes

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

video

Training Contact

EMBDTrainingRequest@se.com

Course Description

This course provides a presentation of CAE functions and how to use it to configure users, roles and passwords according to RBAC model.

Target Audience

- System engineers,
- Technical leaders
- Project managers

Prerequisites

Cybersecurity Overview

Objectives

Be able to modify RBAC security configuration, define security policy with CAE and update compatible secured devices with new security settings

Intermediate

Cybersecurity Admin Expert version 4

Course ID

BLDPRDES0001125



Duration

4 hours

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Course Description

This course uses videos to illustrate the key features of version 4 of the Cybersecurity Admin Expert (CAE) application. CAE is a robust solution for cybersecurity configuration and policy management, enabling device security setup and security log retrieval. This intuitive software tool is essential for a wide range of applications across various segments.

Target Audience

- System engineers, technical leaders
- Project managers

Prerequisites

- Cybersecurity Admin Expert (CAE) Promote and Sell (course code : BLDECXES0001010)

Objectives

Participants will gain the ability to understand and utilize CAE version 4 for managing users, roles, and permissions, configuring security settings, and deploying these configurations to compatible applications and devices for various projects. They will also learn how to manage certificates to establish secure communications and retrieve security logs from these devices and applications.



Intermediate

WEC –Windows Event Collector

Course ID

ERGNRGE0001015



Duration

60 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Course Description

This course explains the purpose and how to install and configure WEC (Windows Event Collector) on Windows PCs to send Windows Event Logs to a Syslog Server. CAP-COTD is especially configured to normalize and display these messages in dashboards.

Target Audience

- System engineers, technical leaders
- Technical Support Engineer
- Field Service Engineer

Prerequisites

- Cybersecurity Overview
- CAP Introduction, CAP training prerequisites

Objectives

Be able to install and configure WEC to collect Windows event logs, to filter information and send it to Syslog Server.

Advanced

Course ID

ERGNRGE0001021



Duration

16 hours

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Cybersecurity Application Platform Full Course

Course Description

This course contains links to all elearnings about CAP, for a self-pace progression.

Target Audience

- System engineers, technical leaders
- Technical Support Engineer
- Field Service Engineer

Prerequisites

- Cybersecurity Overview
- CAP Introduction
- CAP training prerequisites

Objectives

Be able to install CAP from Linux OS setup, to CAP and COTD module, then understand main settings and components.



Advanced

Cybersecurity Application Platform (CAP) Installation

Course ID

ERGNRGE0001027



Duration

3 hours

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Course Description

This course gives details on how to install CAP, Linux OS and CAP components with examples in Virtual Machines Environment.

Target Audience

- System engineers, technical leaders
- Technical Support Engineer
- Field Service Engineer

Prerequisites

- Cybersecurity Overview
- CAP Introduction
- CAP training prerequisites

Objectives

Be able to install CAP from Linux OS setup, to CAP and COTD module, then understand main settings.

Advanced

Cybersecurity Application Platform (CAP) Configuration and Administration

Course ID

ERGNRGE0001026



Duration

8 hours

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Course Description

This course gives details on how to configure CAP, with practice on CAP standard components installed in Virtual Machines Environment.

Target Audience

- System engineers, technical leaders
- Technical Support Engineer
- Field Service Engineer

Prerequisites

- CAP Introduction
- CAP training prerequisites
- CAP Installation

Objectives

- Be able to use main features of CAP, COTD
- understand configuration and administration of network settings, homepage configuration.

Advanced

Cybersecurity Application Platform (CAP)
Practical Session

Course ID

ERGNRGV0001007



Duration

4 days



Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Blended/ Virtual Class

Training Contact

EMBDTrainingRequest@se.com

Course Description

This course gives details on how to configure CAP, with practice on CAP standard components installed in Virtual Machines Environment.

Target Audience

- System engineers, technical leaders
- Technical Support Engineer
- Field Service Engineer

Prerequisites

- CAP training prerequisites
- CAP Installation
- CAP Configuration and Administration eLearning

Objectives

- Be able to use main features of CAP, COTD
- understand configuration and administration of network settings, homepage configuration

Advanced

Cybersecurity Application Platform - COTD
Component Overview

Course ID

ERGNRGE0001017



Duration

3 hours

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Course Description

This course gives details on how to use, configure and customize the Cybersecurity OT Dashboard, to collect, normalize and filter then display data in dashboards.

Target Audience

- System engineers, technical leaders
- Technical Support Engineer
- Field Service Engineer

Prerequisites

- Cybersecurity Overview•CAP Introduction
- CAP training prerequisites•CAP Installation
- CAP Configuration and Administration

Objectives

- Be able to configure COTD based on Graylogto collect, normalize and filter data, how to display selected information in dashboards and how to administrate this application.Course ID.

Advanced

Cybersecurity Application Platform Optional Applications

Course ID

ERGNRGE0001028



Duration

4 hours

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Course Description

This course gives details on optional applications which requires additional license and can be installed in CAP: Nozomi, Acronis, SRA Remote Access.

Target Audience

- System engineers, technical leaders
- Technical Support Engineer
- Field Service Engineer

Prerequisites

- CAP Introduction
- CAP training prerequisites
- CAP Configuration and Administration

Objectives

Be able to use main integrate optional components Nozomi NIDS, Acronis Backup & restore, SRA for secure remote access by Claroty

Advanced

Cybersecurity Application Platform – NIDS based on Nozomi Guardian

Course ID

ERGNRGE0001018



Duration

1 hour

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Course Description

This course explains how to install Nozomi NIDS component in CAP and how do integration with COTD

Target Audience

- System engineers, technical leaders
- Technical Support Engineer
- Field Service Engineer

Prerequisites

- Cybersecurity Overview
- CAP Introduction, CAP training prerequisites
- CAP Configuration & Administration , CAP – COTD Component Overview

Objectives

- Be able to install Nozomi NIDS component in CAP and configure a Graylog input and an output of Nozomi to display correctly NIDS information in COTD.

Advanced

Course ID

ERGNRGE0001019



Duration

1 hour

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

Cybersecurity Application Platform -
Authentication Proxy

Course Description

This course explains how to configure authentication Proxy component in CAP and how to do integration with an Active Directory Server

Target Audience

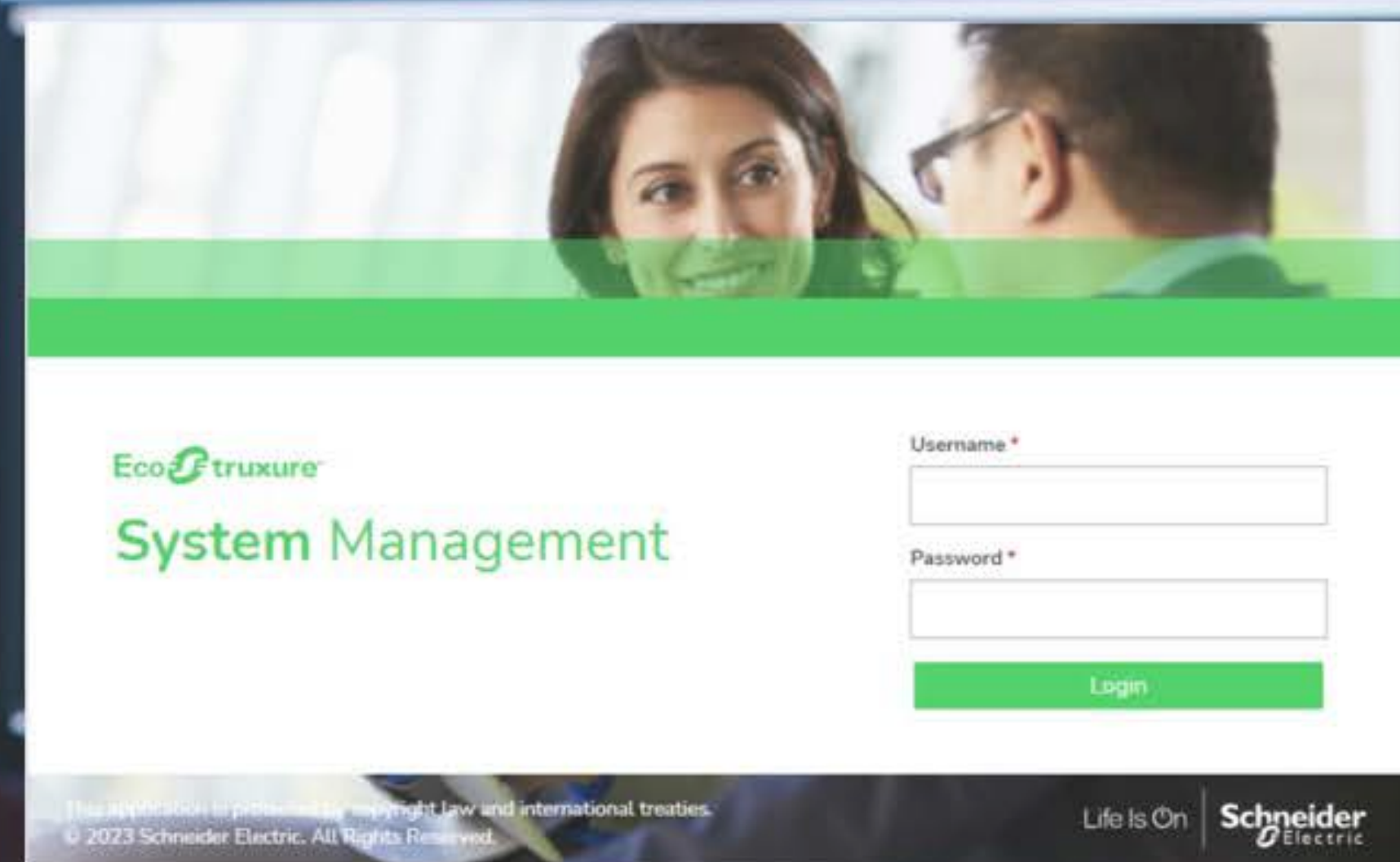
- System engineers, technical leaders
- Technical Support Engineer
- Field Service Engineer

Prerequisites

- Cyber Security Overview
- CAP Introduction, CAP training prerequisites
- CAP Installation & Configuration

Objectives

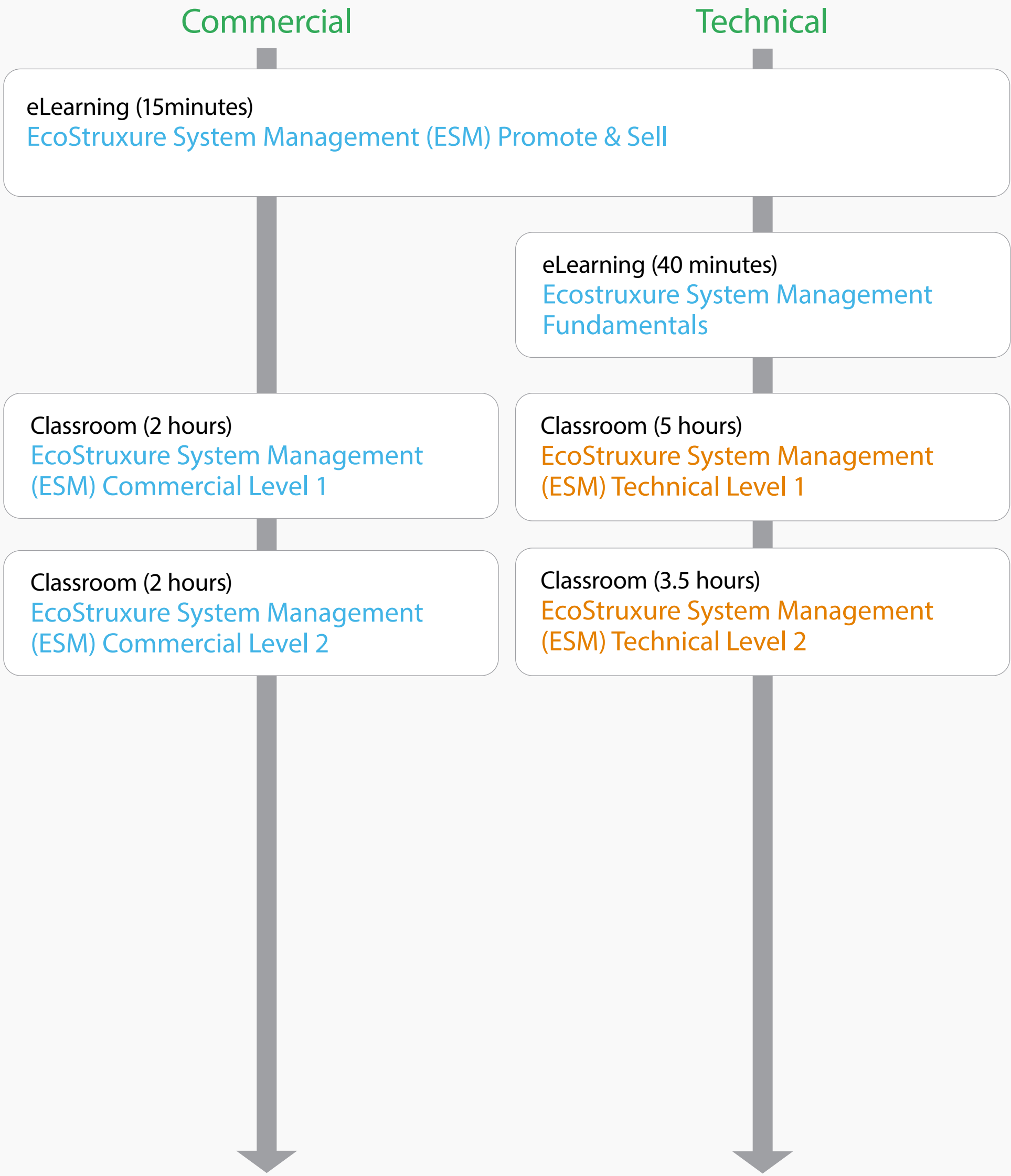
Upon completion the participant will be able to configure Radius Proxy and ldap proxy in CAP to provide Radius or ldap authentication from an Active Directory.



EcoStruxure System Management



- Basic
- Intermediate
- Advanced



Basic

Course ID

BLDECXES0001006



Duration

15 minutes

Registration

Search for title or course ID
SE Employees: [My LearningLink](#)
External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com

EcoStruxure System Management (ESM): Promote & Sell

Course Description

This course is a presentation on how customers can effectively maintain power automation systems and products with EcoStruxure System Management (ESM).

Target Audience

- Business Developers
- DPAC Sales Support
- Tendering Engineers
- Salesforces and country marketing

Prerequisites

Introducing EcoStruxure Power Automation System

Objectives

Be able to explain detailed Value propositions, key differentiators of ESM



Basic

Ecostruxure System Management Fundamentals

Course ID

BLDPRDES0001133

Duration

40 minutes

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

eLearning

Training Contact

EMBDTrainingRequest@se.com



Course Description

This course is an eLearning based on Video Tutorial for EcoStruxure System Management Application. After an overview video that explains main features, you will go through short videos that explain with details many features from software installation to full system management.

Target Audience

- System engineers, technical leaders
- Internal employee subject to have to maintain a Power Automation system.

Prerequisites

ESM Promote & Sell

Objectives

Be able to install ESM, connect to the application. Know how to create a system with multiple devices. Be able to create projects, site description with IEDS and baseline of full system configuration.

Basic

Course ID

BLDECXIS0001019

Duration

2 hours

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Classroom /Virtual Classroom

Training Contact

EMBDTrainingRequest@se.com



EcoStruxure System Management Commercial Level 1

Course Description

This is an in-class training course intended to train sales teams, EcoXperts and new incomers to learn about ESM detailed value proposition and key differentiators. It includes offer presentation, sales pitch, commercial package and price, commercial material in SharePoint.

Target Audience

- Newcomers
- Business Developers
- EAC Sales Support
- Tendering Engineers
- EcoXperts
- Front Offices:
- Salesforce and Country Marketing

Prerequisites

knowledge in electrical engineering or computer networking

Objectives

Be able to explain detailed Value propositions, key differentiators of ESM components and Use cases for different customers.



Basic

Course ID

BLDMKTVS0001000



Duration

2 hours



Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Classroom /Virtual Classroom

Training Contact

EMBDTrainingRequest@se.com

EcoStruxure System Management Commercial Level 2

Course Description

This is an in-class training course intended to train sales teams, EcoXperts and new incomers to sale ESM. It includes practical exercise of presentation in front of the classmate, a presentation of Commercial L4 support and an introduction to the customer training offer.

Target Audience

- Newcomers
- Business Developers
- EAC Sales Support
- Tendering Engineers
- EcoXperts
- Front Offices:
- Salesforce and Country Marketing

Prerequisites

ESM Commercial level 1

Objectives

Be able to present in autonomy ESM to a customer.

Intermediate

Course ID

BLDMKTVS0001001



Duration

5 hours

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Virtual Classroom

Training Contact

EMBDTrainingRequest@se.com

EcoStruxure System Management Technical Level 1

Course Description

This is an online training course split in 2 sessions intended to understand different technical features and commercial bundles. Hands-on will be done with remote access to a demo server.

Target Audience

- Business Developers
- EAC Sales Support
- Tendering Engineers:
- Salesforce and Country Marketing
- System Engineers, Technical Leaders

Prerequisites

ESM Promote & Sell

Objectives

Be able to explain technical features and different bundles Offer. Be able to use and demonstrate ESM features.

-

Intermediate

Course ID

BLDMKTVS0001002



Duration

3.5 hours

Registration

Search for title or course ID

SE Employees: [My LearningLink](#)

External: [Learning Portal](#)

Delivery Method

Virtual Classroom

Training Contact

EMBDTrainingRequest@se.com

EcoStruxure System Management Technical Level 2

Course Description

This is an online training course is intended to understand different technical features and commercial bundles. Hands-on will be done with remote access to a demo server.

Target Audience

- Business Developers
- EAC Sales Support
- Tendering Engineers:
- Salesforce and Country Marketing
- System Engineers, Technical Leaders

Prerequisites

ESM Promote & Sell
ESM Technical level 1

Objectives

Be able to explain technical features and different bundles
Offer. Be able to use and demonstrate ESM advanced features.

Closing

Course Enrollment

Schneider Electric Employees use MyLearningLink:

<https://schneider-electric.csod.com/client/schneider-electric/default.aspx>

Partners, System Integrators and EcoXperts us the Learning Portal:

<https://ecoxpert.se.com/fr/ecoxpert-training/power-energy-management>

How to Register for a Course

Search by Course Title or Course ID then register to take the course

How to make a CUSTOM Training Request

<https://ecoxpert.se.com/ecobuilding-training-academy/power-solutions/custom-training-request>

How to become a CERTIFIED Trainer

- Must have taken all courses from a CURRICULUM/Training PATH
- Must have passed the examination with over 90%
- Must have taken: “Train the Trainer” or “Facilitation Techniques Training”

For questions contact us at:

EMBDTrainingRequest@se.com



Life Is On



To learn more information about
Visit: Schneider Electric

se.com/url



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