



WinCC Unified System

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SIMATIC WinCC Unified System

The DNA for the future of visualization



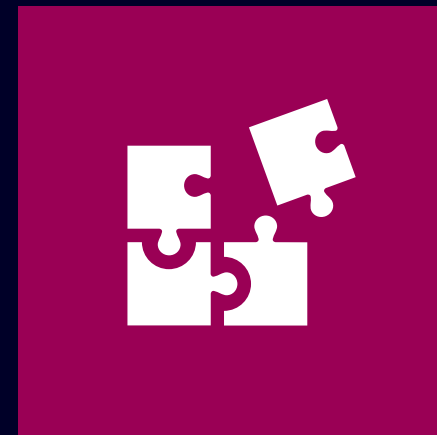
Technology



Scalability



Everywhere



Integration

SIMATIC WinCC Unified System Platforms



SIMATIC WinCC Unified
View of Things



SIMATIC HMI
Unified Comfort Panels



SIMATIC WinCC Unified
PC



SIMATIC WinCC Unified
for Industrial Edge

Preview

SIMATIC WinCC Unified System – Overview – TIA Portal V17

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Platform



SIMATIC WinCC Unified
View of Things
S7-1500



SIMATIC HMI
**Unified Comfort
Panels**



SIMATIC WinCC Unified
PC

Engineering



**Engineering
(in TIA Portal)**



SIMATIC WinCC Unified

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SIMATIC WinCC Unified System – General Highlights for Panel- and PC systems



Scalable from Panel to PC

Common user interfaces and HMI functionality for Panel and PC systems – with one engineering (TIA Portal).



Zero installation Clients

Flexible remote access to Unified Panel or PC systems via modern html5-based browsers.



Automated engineering

Create, validate and reuse standardized WinCC Unified components or automate engineering with TIA Portal Openness.



Open for extensions

Realize your application due to a high level of openness via standard interfaces and a powerful Scripting. Integrate web-based tools or applications to one user interface.



Modern User Interface

Take full advantage of WinCC Unified technologies for optimal visual quality and comprehensive operation.



Security & Access Control

Secured communication and configurable access control.



Distributed Systems

Setup of distributed configurations by sharing screens between WinCC Unified devices via Collaboration.



Integration Platform

Connect OT/IT Systems into one user interface and exchange data via interfaces e.g., OPC UA.



SIMATIC WinCC Unified System – Latest enhancements



Engineering in TIA Portal

Extension for screen editor, faceplates, Management of Objects in Libraries (incl. Versioning).



OPC UA Connectivity

Support OPC UA DA Client and Server, OPC UA A&C Server.



Extensions for Parameter control

e.g., UDT in UDT or multilanguage support.



Available with
TIA Portal V17

Modern User Interface enhancements

Custom fonts, new flat styles (day/night switch) and 2-Hand operation.



SIMATIC Connectivity

Easy access to diagnostic information (diagnose buffer) of SIMATIC PLCs and support of Software Controller.



Enhancements for User Management

Configure individual function rights and integration to central user management (UMC).



TIA Portal options

Support automated engineering with SiVArc as well as simulation with PLCSim or PLCSim Advanced.



WinCC Unified – Modern User Interface



A great experience. No matter where you are!



JavaScript



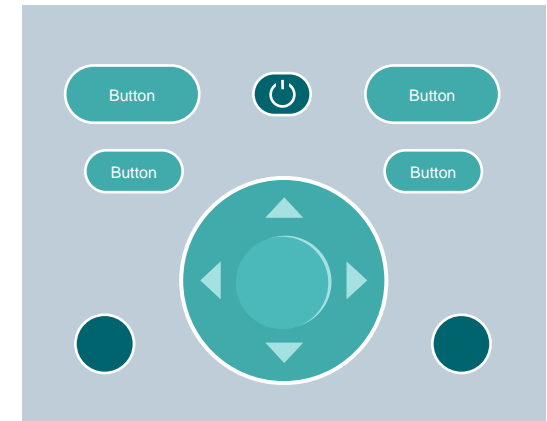
Based on Web Technologies

Like HTML5, SVG and JavaScript.
Lightweight user interface with all the possibilities you're used to.



Access from Everywhere

With any modern web browser.
No need for installing extra plugins –
Also on mobile devices.




Customize and Animate

Use Dynamic SVGs or Custom
Web Controls to make your HMI
stand out.

WinCC Unified – Scripting – Advanced scripting with the power of JavaScript



```
export function Funtion (parameter1, parameter2){  
    let tag1 = Tags('MyTag1');  
    tag1.Write(123);  
  
    let tag2 = Tags('MyTag2');  
    tag1.Write(123);  
  
    if (tag1 > tag2) {  
        UI.RootWindow.  
        HMIRuntime.  
    } else {  
        HMIRuntime.  
    }  
}
```



JavaScript is a widely spread and easy to learn scripting language

- One scripting language for all platforms (Panel and PC Systems)
- Use the entire object oriented JavaScript scope for handling data, objects, classes, inheritance
- Predefined Code Snippets for common tasks available in TIA Portal
- Integrated debugging functionality

WinCC Unified – Zero installation clients – 24/7 Remote access via Browser



Zero installation clients for Panel- and PC devices

Use your device as it is, there is no need to install separate apps or plug-ins



Simultaneous remote access via state-of-the-art web browsers

Parallel remote operation or monitoring via a extendable number of clients

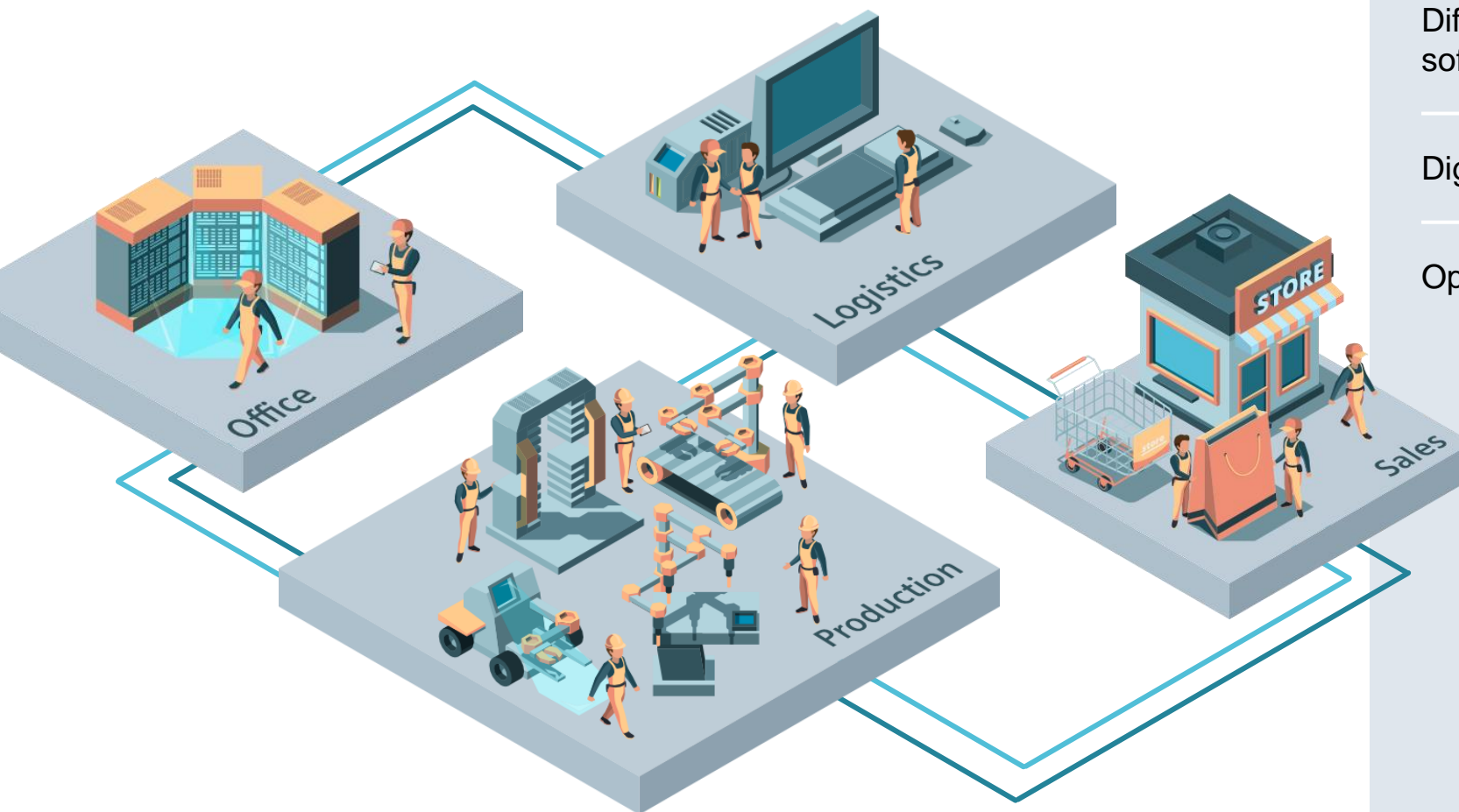


Secure communication via web standards

For maximum security, standards like https or certificates are used consequently.

WinCC Unified as integration platform – Connect and integrate 3rd party tools

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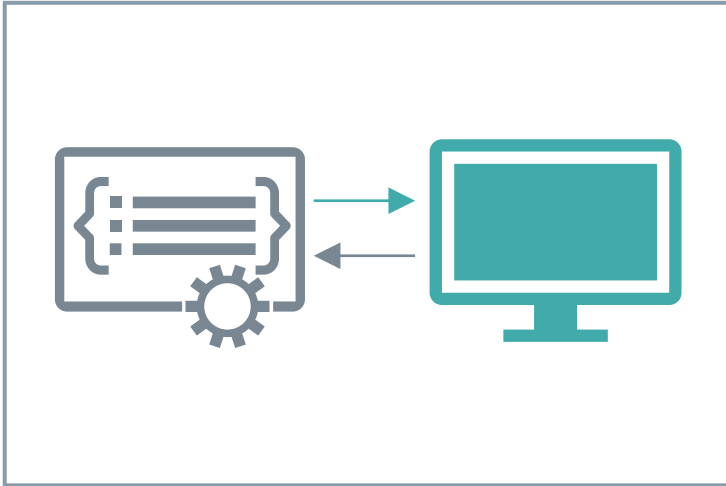
Different departments use different software system.

Digitalization requires seamless data flow.

Open interfaces are required for all systems.

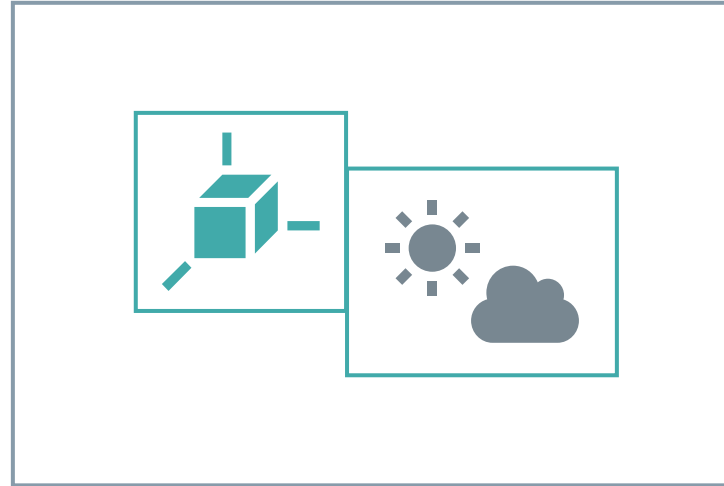
WinCC Unified – Integration platform – Connect and integrate 3rd party tools

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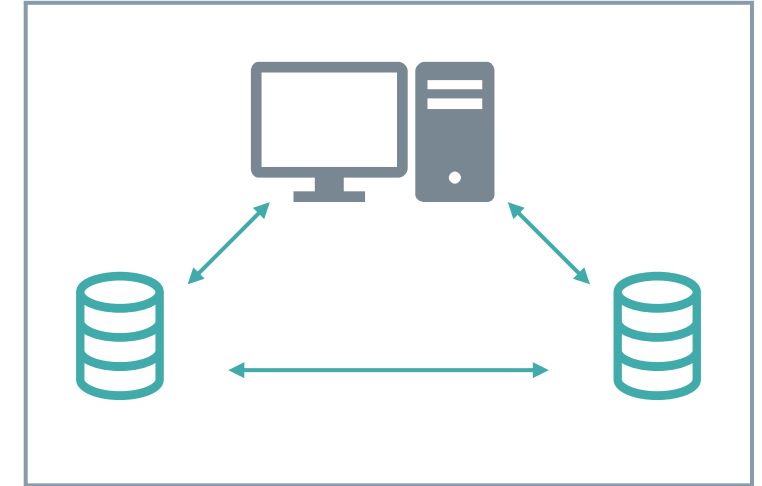
Open Pipe Data Interface

Server sided data interface for online tags and alarms. Independent from programming language. Can be used to connect several software tools to WinCC Unified.



Custom Web Control Container for Web Content

Add custom UI controls (e.g., 3D Viewer) or visualize and exchange data of 3rd party services (e.g., weather data). Can be used to get access to sensors of mobile clients (e.g., camera, GPS).

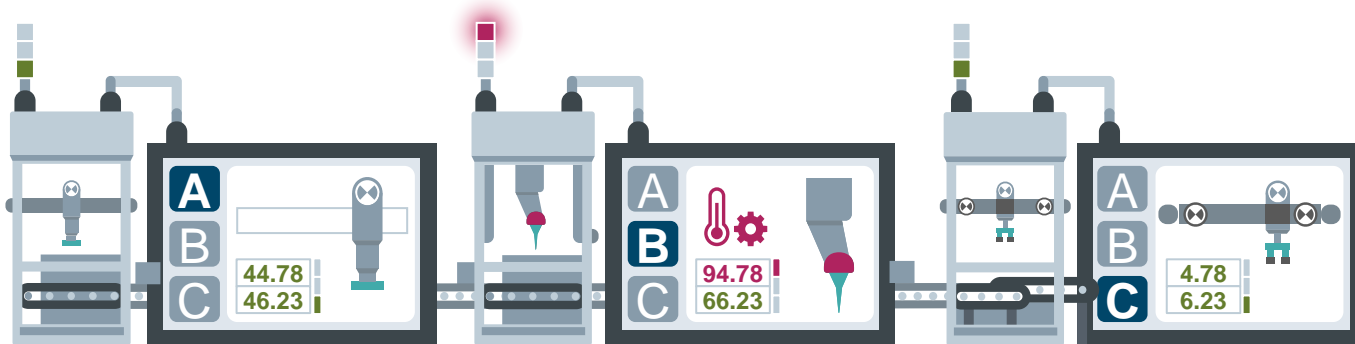


Runtime Openness Data Interface (PC Systems)

Server sided data interface for online and historical tags and alarms with .net or C++ programming. Exchange huge amounts of data with Databases or IT systems.

Use Case: Establish distributed configuration

Increased engineering and operational efficiency



Challenges

The Engineer implements 3 machines and a central PC station as line supervision.

To be more economical, costs must be reduced regarding engineering, commissioning and maintenance.

Standstills, must be shortened by quick reaction.

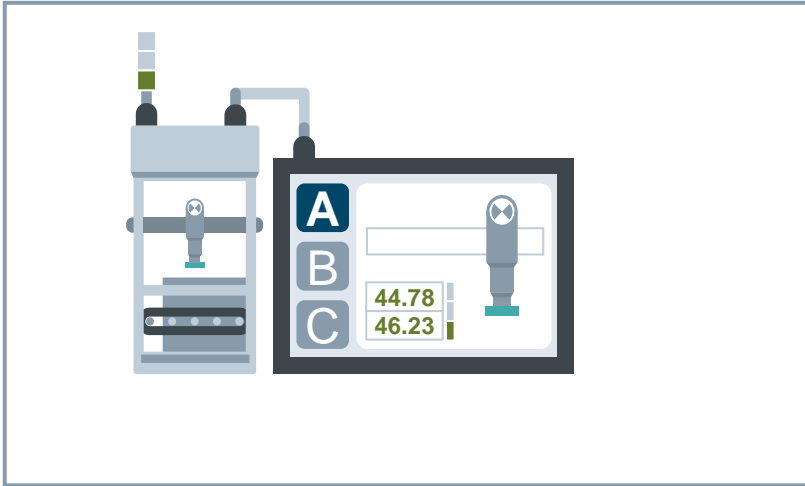
Moreover, the line supervisor needs access to all stations without opening a separate tool.

Solution

WinCC Unified Collaboration

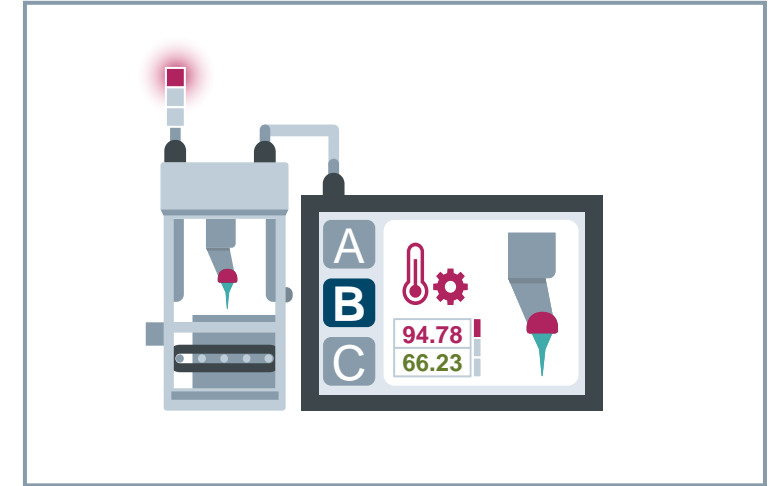
Flexible system configurations by sharing screens between WinCC Unified Panel- or PC-based stations.

WinCC Unified – Collaboration – Overview



Setup distributed configurations by integration of screens

Pre-define configuration in Engineering and avoid duplicated engineering by linking existing screens of other devices.



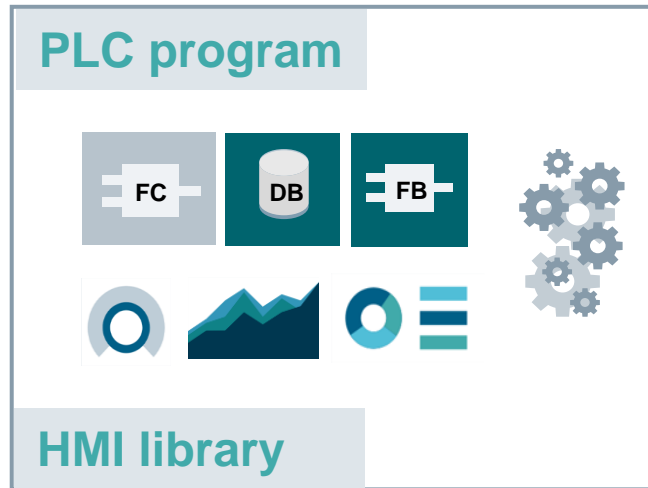
Increased operational efficiency for increases flexibility

Show insights to other machines or lines via “build-in” access (keep user rights).

.No difference in operation of local and collaboration screens.

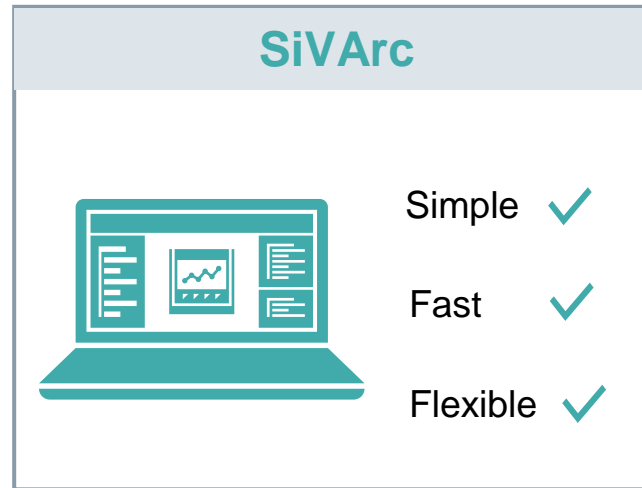
Collaboration Alarms, Tags and Parameter Control are planned for upcoming versions.

WinCC Unified – Automated Engineering – Higher quality in less time using SiVArc



PLC & HMI Standards

Standardize configuration using the SIMATIC Visualization Architect SiVArc and build a UI that fits your needs.



SIMATIC Visualization Architect

Generate instead of programming using TIA Portal SiVArc.



Projects

Create individual project configurations within seconds. Reduce risk and save time.

Engineering automation is the power booster for your workflow.

WinCC Unified – Automated Engineering – Higher quality in less time using a TIA Portal Openness

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Individual solution

Create, modify, validate or analyse WinCC Unified Projects with a .net programming language to fasten Engineering.

TIA Portal

Create projects automatically from scratch or get access to existing configurations using TIA Portal Openness.

Projects

Create individual project configurations within seconds. Reduce risk and save time.

Engineering automation is the power booster for your workflow.

SIMATIC WinCC Unified System – More information before you start



OT/IT Connectivity via communication protocols

Direct integration of SIMATIC S7-PLCs as well as Modicon, Allen-Bradley, Mitsubishi MELSEC and Omron PLCs.

Secure data exchange via OPC UA DA Server & Client or forward alarms via OPC UA Alarm and Condition (A&C) Server



Logging & Analysis for detailed insights

Scale from easy-to-use file-based logging to a powerful SQL Server for long-term logging of a high amount of data for PC Systems.

Create tailored reports using well-known MS Excel.



Remote Clients included to get started immediately

Each HMI Unified Comfort Panel offers 1 Client for remote Operation (max.3).

Each WinCC Unified PC offers a local User Interface plus 1 Client for remote Operation and 1 Client for remote **Monitoring** (both extendable upon demand).

Powered
by WinCC
Unified

SIMATIC HMI Unified Comfort Panels

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SIMATIC HMI Unified Comfort Panels – Multitouch from 7” to 22”

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SIMATIC HMI Unified Comfort Panels – Highlights



Great usability in a brilliant way

Capacitive Multitouch technology combined with bright colours and excellent readability.



Size doesn't matter

Same interfaces and functionality for all devices from 7" to 22".



Need more? Add Apps!

Use Siemens Industrial Edge to extend standard functionality by edge apps.



The power to do more

Realize larger applications thanks to increased system limits.



Security Integrated

From access control and encrypted communication to security patches. Everything is inside.



Everything under control

Full commissioning within TIA Portal. No IT-management necessary.



Ready for the future as of today

Take full advantage of WinCC Unified with a modern User Interface



Comfort DNA remains

Well-known Comfort Panel features like automatic system backup remain.



SIMATIC HMI Unified Comfort Panels – Latest enhancements



Distributed Systems

Setup of distributed configurations by sharing screens between WinCC Unified devices via Collaboration.



Unified Comfort Panel Web Client (HTML5)

Independent remote access via web browser for additional operator stations.



Modern User Interface enhancements

New F(x) Control, custom fonts, new flat styles (day/ night switch) and 2-Hand operation.



**Available with
TIA Portal V17**

Extensions for Parameter control

e.g. UDT in UDT or multilanguage support.



Enhancements for communication

Integration of OPC UA Client and Modbus RTU.



Enhancements for user management

Configure individual function rights and integration to central user management (UMC).



Enhancements for system diagnostics

Easy access to diagnostic information (diagnose buffer) of SIMATIC PLCs.



Please note the general highlights and V17 news for for Panel- and PC-based systems at page 9/10 ([Link](#)).

SIMATIC HMI Unified Comfort Panels – Standard and Neutral design version in six different sizes

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Standard design

Silver frame – With Siemens branding

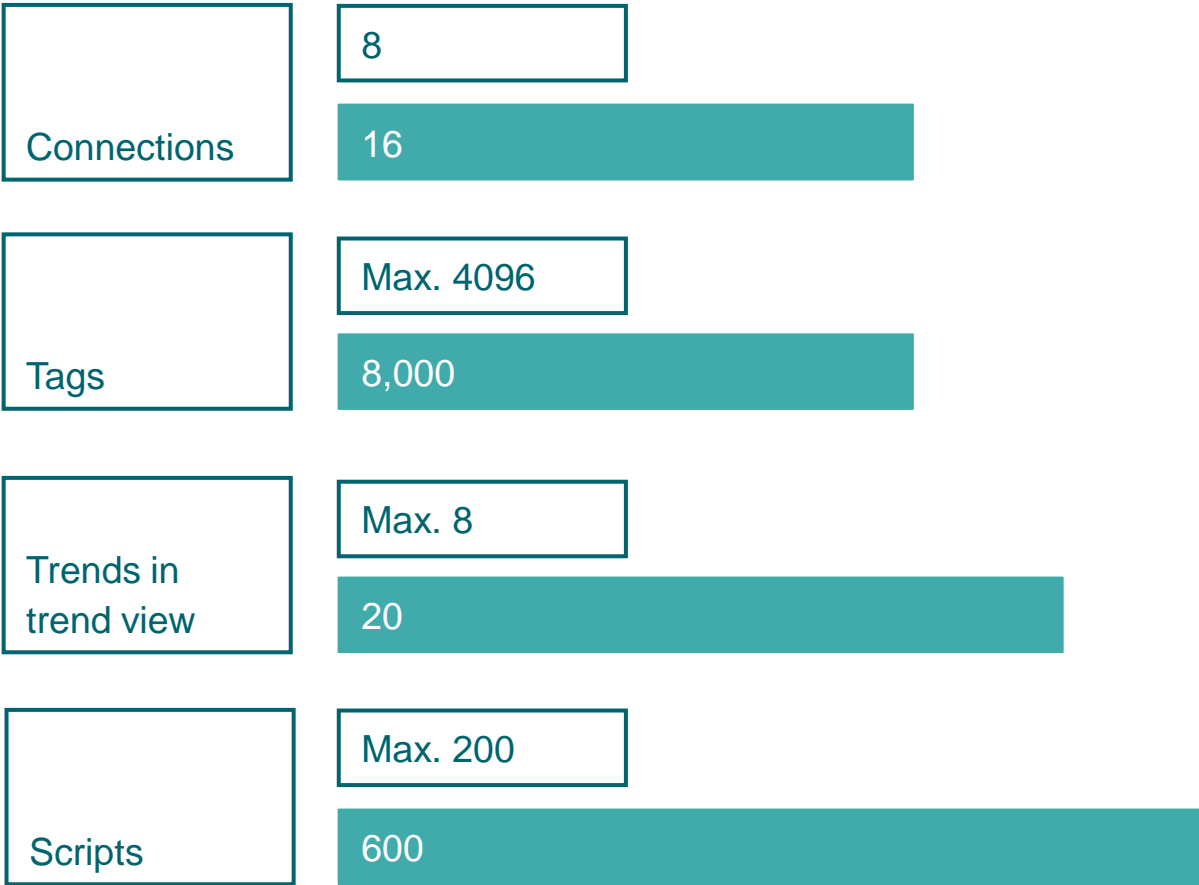


Neutral design

Black frame – No branding

Both designs are available with 7", 10", 12", 15", 19" and 21,5" display

SIMATIC HMI Unified Comfort Panel – Increased system performance



□ Comfort Panel ■ Unified Comfort Panel

Increased quantity structure from 7" to 22".

Doubled quantity structure compared to Comfort Panel.

Differentiation only for tags, objects per screen and trend areas per trend view.

SIMATIC HMI Unified Comfort Panels – Get work done!

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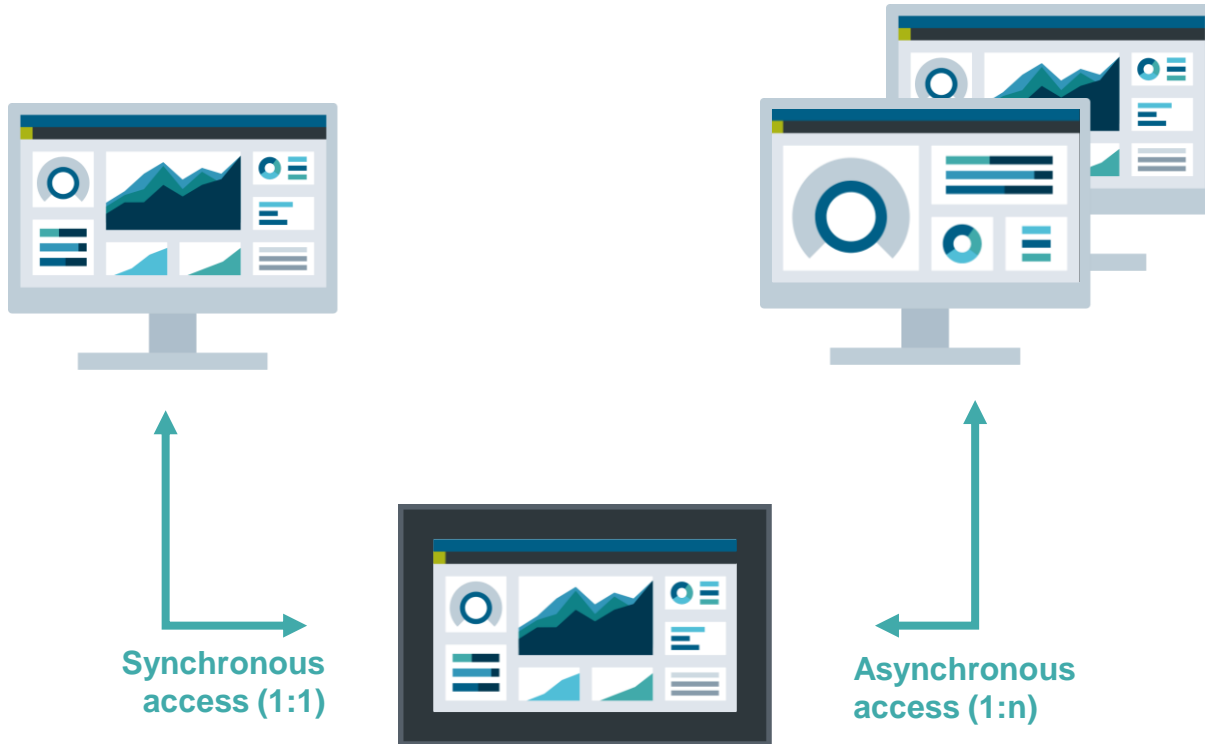
Ready to use system applications

Work in documents, view instruction videos or get access to web-based systems with the preinstalled applications on every Unified Comfort Panel.

Preinstalled system applications

Browser	Google Chrome
Media Player	VLC Media Player
Office	Libre Office
PDF Viewer	Okular

SIMATIC HMI Unified Comfort Panels – More flexibility to use the visualization during operation



Asynchronous access

- Remote operation & monitoring with any modern web browser
- No need for apps or plugins
- Independent from the operation on-site
- Up to 3 web clients for each Unified Comfort Panel. (One “Operate” Client is included.)

Synchronous access

- Based on the well established Sm@rt Server / -Client concept
- Synchronized remote operation with the operation on-site
- Accessible with Sm@rt Client App or with third party VNC-apps

SIMATIC HMI Unified Comfort Panels – Need more? Add apps!



Unified Comfort Panel

Application Requirements

Alarming, Logging, Connectivity, Recipes, Multitouch

Standard Requirements

App

App

App

Data Analytics, Reporting, 3rd party service

Application specific requirements

What used to be possible only with separate hardware or an open PC platform.
Is now also possible on an embedded platform that is easier to maintain. Everything in one device.

SIMATIC HMI Unified Comfort Panel – Extend the functionality of the devices by Edge Apps



planned

Device-Managed Edge Locally on device

- Installation and Uninstallation of Edge Apps on the device
- Update of Edge Apps
- Start and Stop of Edge Apps
- Diagnostic information of all currently running edge apps
- Remote access via webserver or Control Panel of device



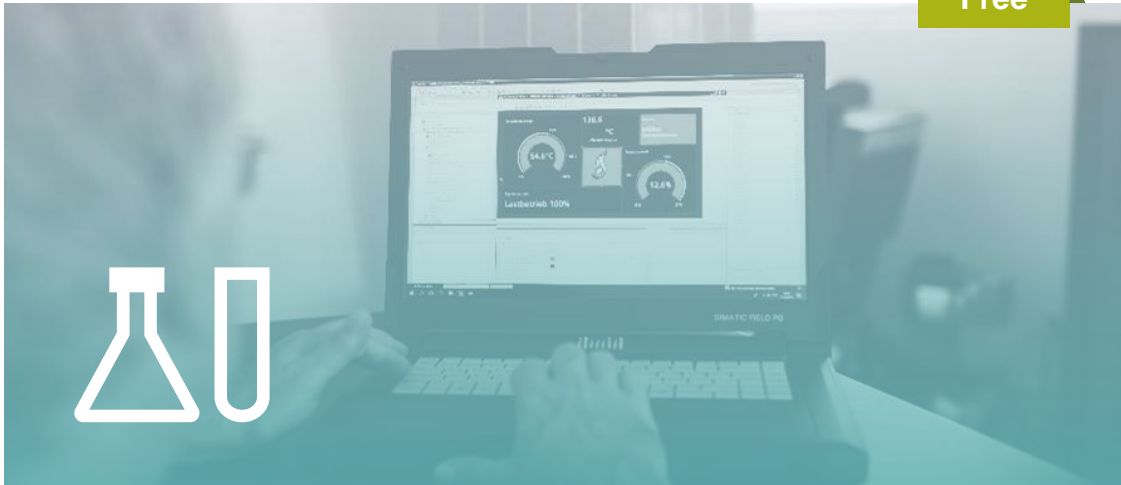
Centrally Managed Edge On-Premises/On-MindSphere

- On- and Offboarding of devices
- Diagnostic information
- Version management of Edge Apps
- Manage all Apps from remote
- Deploying of Edge Apps based on customized device-groups
- Deploying of Security Patches

Device-Managed Edge on Unified Comfort Panels – No additional costs to get started

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Free



Demo, Test and Development

- Siemens Industrial Edge is part of every Unified Comfort Panel by default
- Simply activate the Edge functionality in the Control Panel
- No need for a separate software package

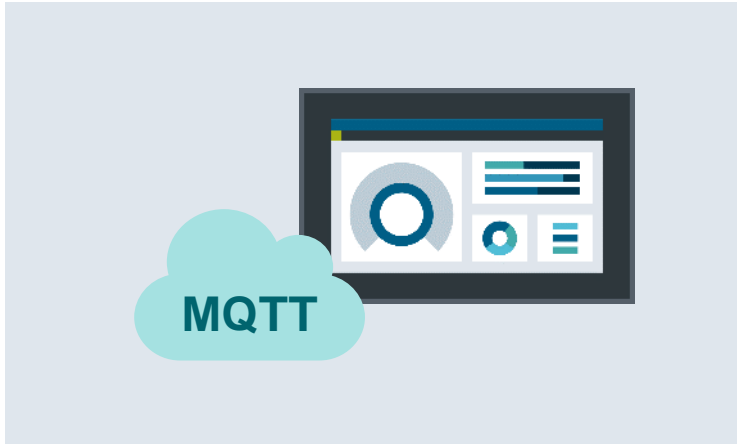
License



Productive Usage

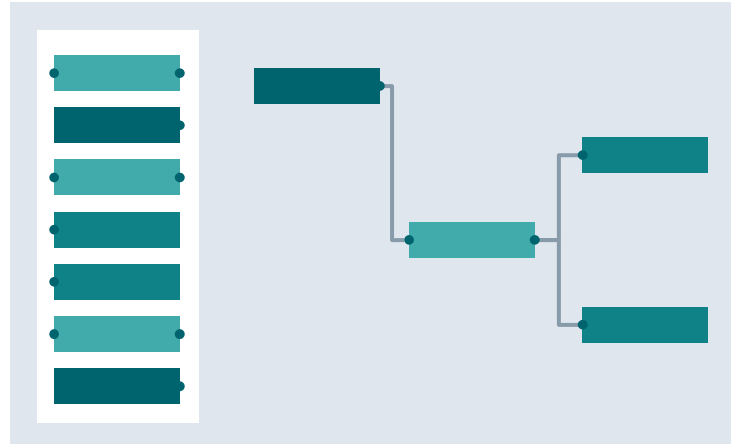
- As soon as the device is in productive usage a certificate of license will be required for each Unified Comfort Panel
- No need for license transfer
- Version independent

SIMATIC HMI Unified Comfort Panels – Edge App Examples



MQTT App Cloud Connection

MQTT is the most common protocol for the connection of automation equipment to cloud based systems like MindSphere.



SIMATIC Flow Creator Data processing made easy

Define your data flow and create rules, KPIs or trigger actions, if threshold values are exceeded or a special event happens.




SIMATIC Notifier Mobile Notification

Transform the Unified Comfort Panel into a messaging service. Manage and send mobile notifications directly to your Smartphone or Smartwatch.

Free Application Example – “Getting Started with Edge @ Unified Comfort Panels”



```
export function Funtion (parameter1, parameter2){  
  let tag1 = Tags('MyTag1');  
  tag1.Write(123);  
  
  let tag2 = Tags('MyTag2');  
  tag1.Write(123);  
  
  if (tag1 > tag2){  
    UI.RootWin.  
    HMIRutnti  
  } else  
    HMIRun  
  }  
}
```



Free application example including following content

- MQTT App
- Source Code
- Documentation about how to develop an App and how to download to the Unified Comfort Panel
- How to use the Siemens App Publisher
- How to use the Open Pipe interface to exchange data between an Edge App and the WinCC Unified

Available in SIOS

SIMATIC HMI Unified Comfort Panels – Security integrated



Activate/Deactivate Hardware interfaces

- Mass storage (USB/SD)
- Ethernet/PROFINET (also via RT functions)
- SNMP and Transfer

Activate/Deactivate applications

- All Applications can be deactivated
- EDGE is deactivated by default

Security Updates

With TIA Portal or SIMATIC Automation Tool

Device security

- User management also for control panel
- Access to control panel instead of operating system GUI

Further information

Security guidelines for SIMATIC HMI devices [SIOS 109481300](#)

Experience the new panels virtually



Check out the new SIMATIC HMI Unified Comfort panels instantly. The latest AR technology makes it possible to place a scale 3D model of a panel in your immediate environment. Simply scan the QR code with your smartphone.

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SIMATIC WinCC Unified PC System

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SIMATIC WinCC Unified PC System – Additional Highlights and enhancements



Scalable for industries

Advanced functionality like long-term databased logging, reporting

Available with TIA Portal V17:

Traceability via Audit Trails.



Zero installation Clients

Flexible remote access for Operation.

Available with TIA Portal V17:

Monitor-only clients in order to provide management or information screens.



Expand functionality

Individual application via a Server sided data interface for online and historical tags and alarms with .net or C++ programming.



Object-oriented HMI

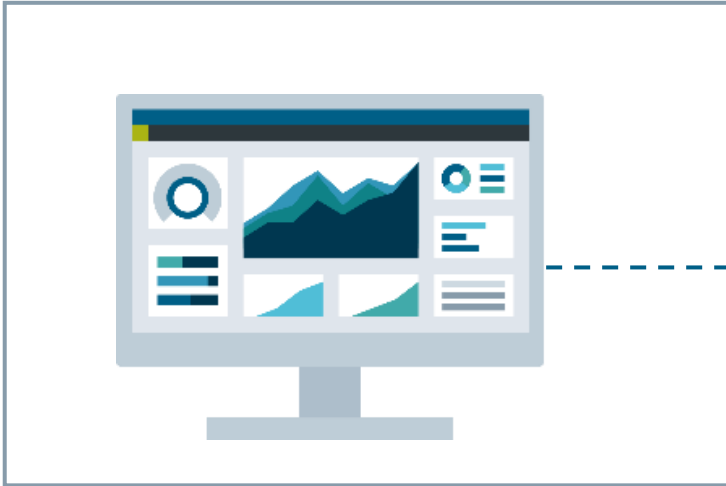
Manage entire plant solutions based on the technological hierarchy.



Please note the general highlights and V17 news for for Panel- and PC-based systems at page 9/10 ([Link](#)).

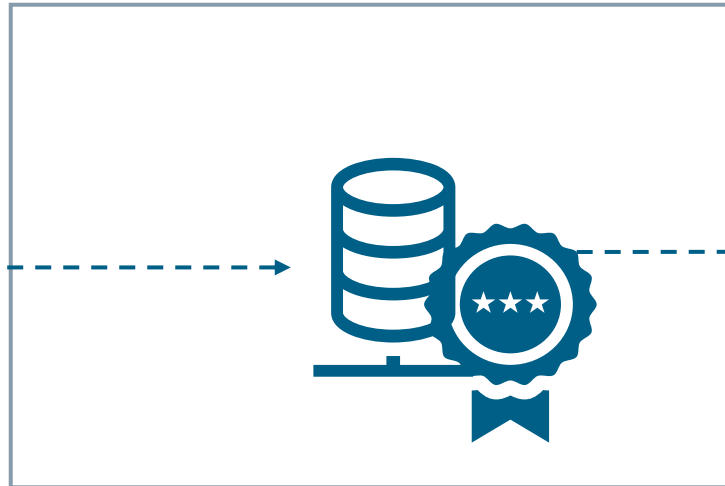
SIMATIC WinCC Unified PC System – Scalable for industries

Audit Basis - Trace process operation



Create Audit Trails for changes of process tags

Trace manual-, automated-, or changes via script changes as well as the reasons of change



Detect manipulation for high level of security

Use Unified Logging to log Audit Trails using secured communication including manipulation detection

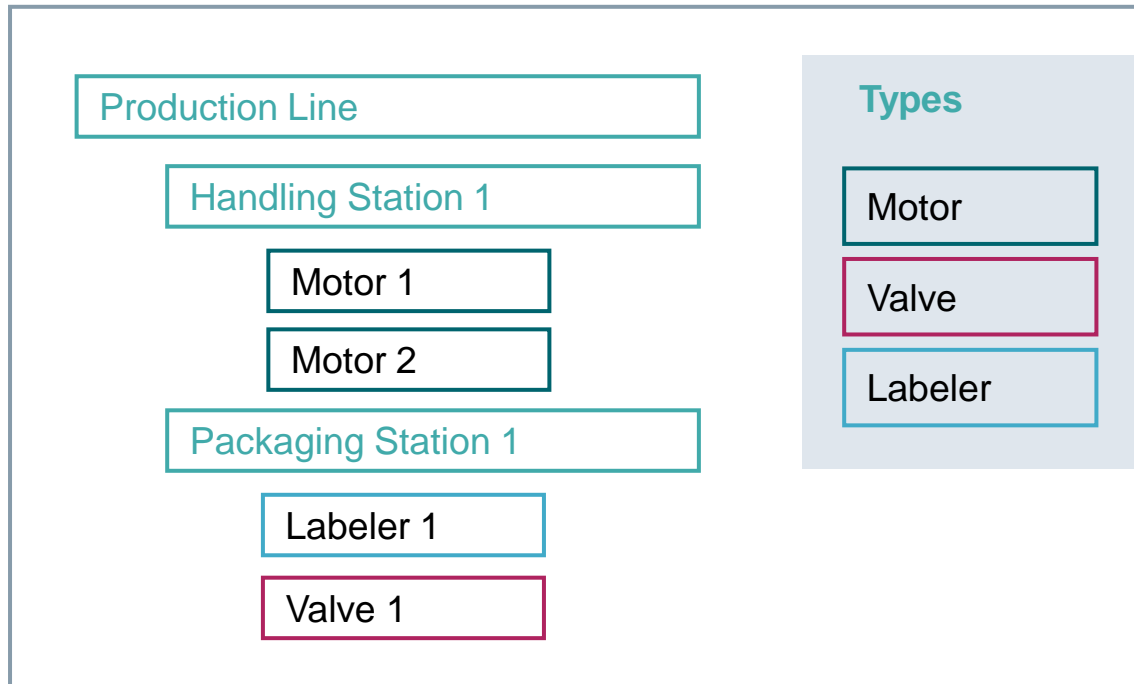


Audit Reports for evaluation

Use WinCC Unified Reporting in order to document audit trail details as well as hints in case of manipulations.

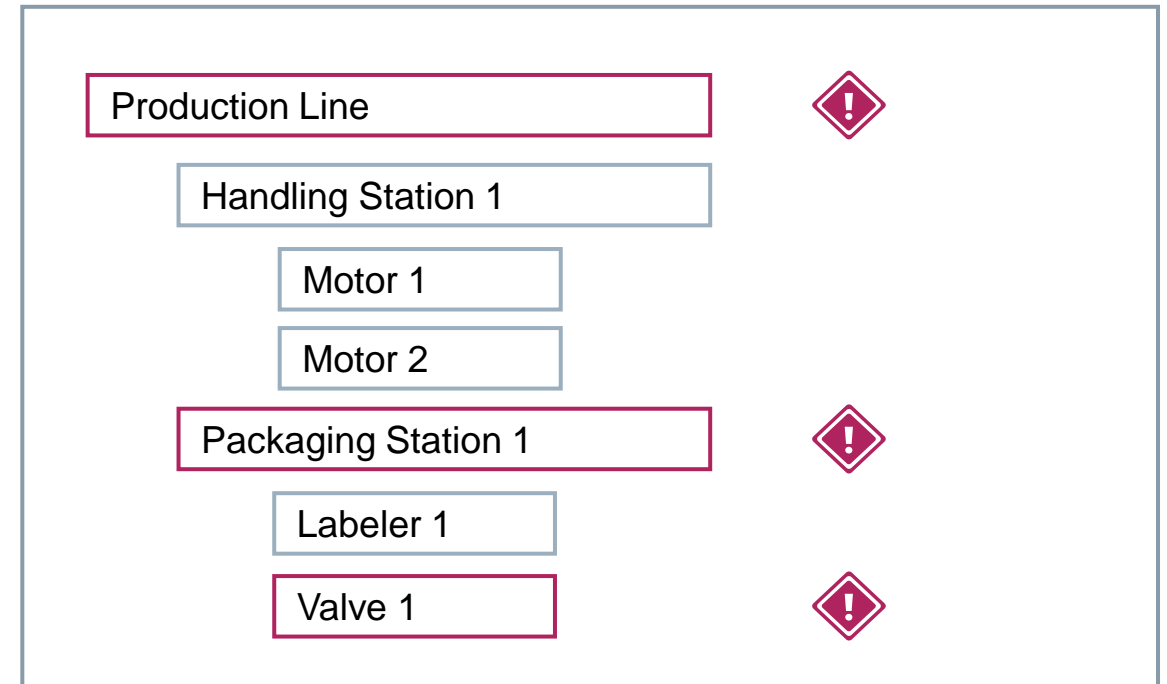
SIMATIC WinCC Unified PC System – Object-oriented HMI –

Efficient engineering and operation



Object-oriented engineering approach

Create a technological hierarchy of your plant and build plant assets based on objects that can be updated centrally.



Hierarchically structured operation

Use the technological hierarchy to navigate through all of your plant assets. Get a quick overview of system status based on a hierarchical alarm structure.

SIMATIC WinCC Unified PC System – Plant Intelligence Options - Highlights

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Plant Intelligence Options: Calendar

Manage working times, now offering improved usability and easier creation of calendar-based reports.



Plant Intelligence Options: Performance Insight

Get production insights based on individual KPI calculation, now enables modification and recalculation of KPIs.



Plant Intelligence Options: Sequence

Planning and adaptation of sequences to control and monitor recipe-controlled processes.



Plant Intelligence Options: Line Coordination

Orchestration of recipe and batch-controlled processes based on S7-1500 and WinCC Unified.



Reduced Engineering effort due to a modular, object-oriented concepts **based on the technological hierarchy**

SIMATIC WinCC Unified PC System – Plant Intelligence Options - Enhancements

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Plant Intelligence Options: Calendar

Creating reporting easily by using
the same tool..



Plant Intelligence Options: Performance Insight

Configuring easily through
improved usability
Reduced cost with own data base..



Plant Intelligence Options: Sequence

Transferring project data easily with
export import functionality.

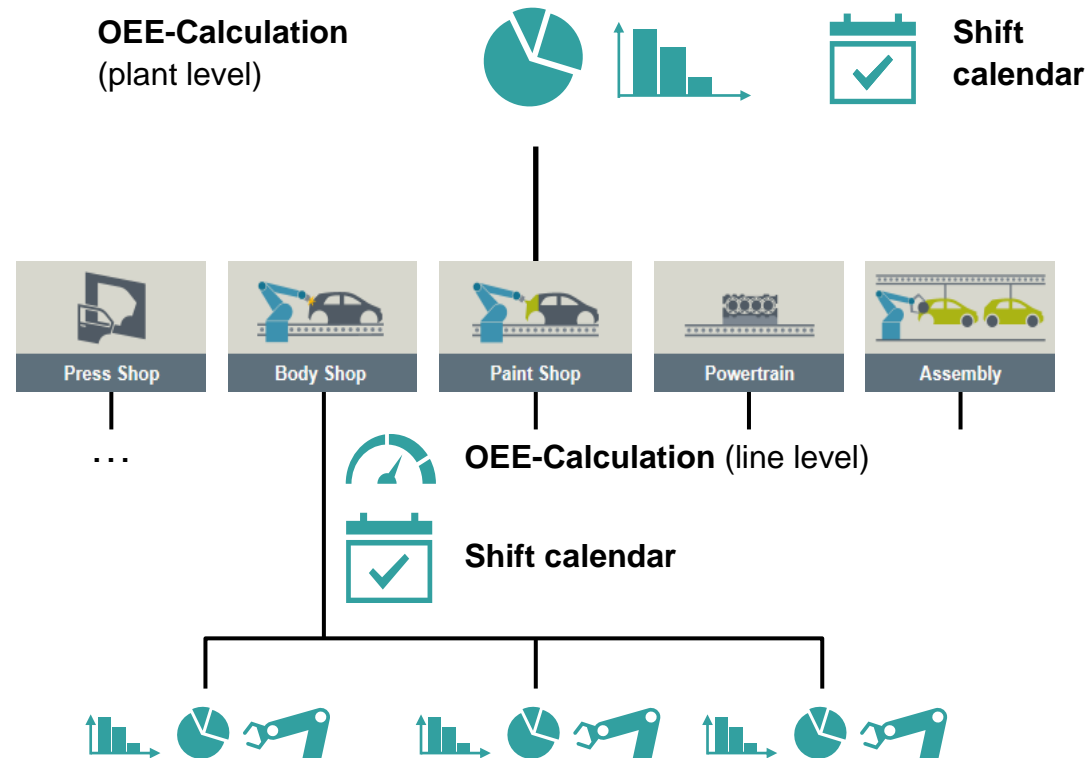


Plant Intelligence Options: Line Coordination

Monitoring and Adapting of job
parameters easily.
Better protection mechanism for
operation by user rights.



Plant Intelligence Options – Calendar and Performance Insight



Reduced Engineering effort due to a modular, object-oriented concepts **based on the technological hierarchy.**

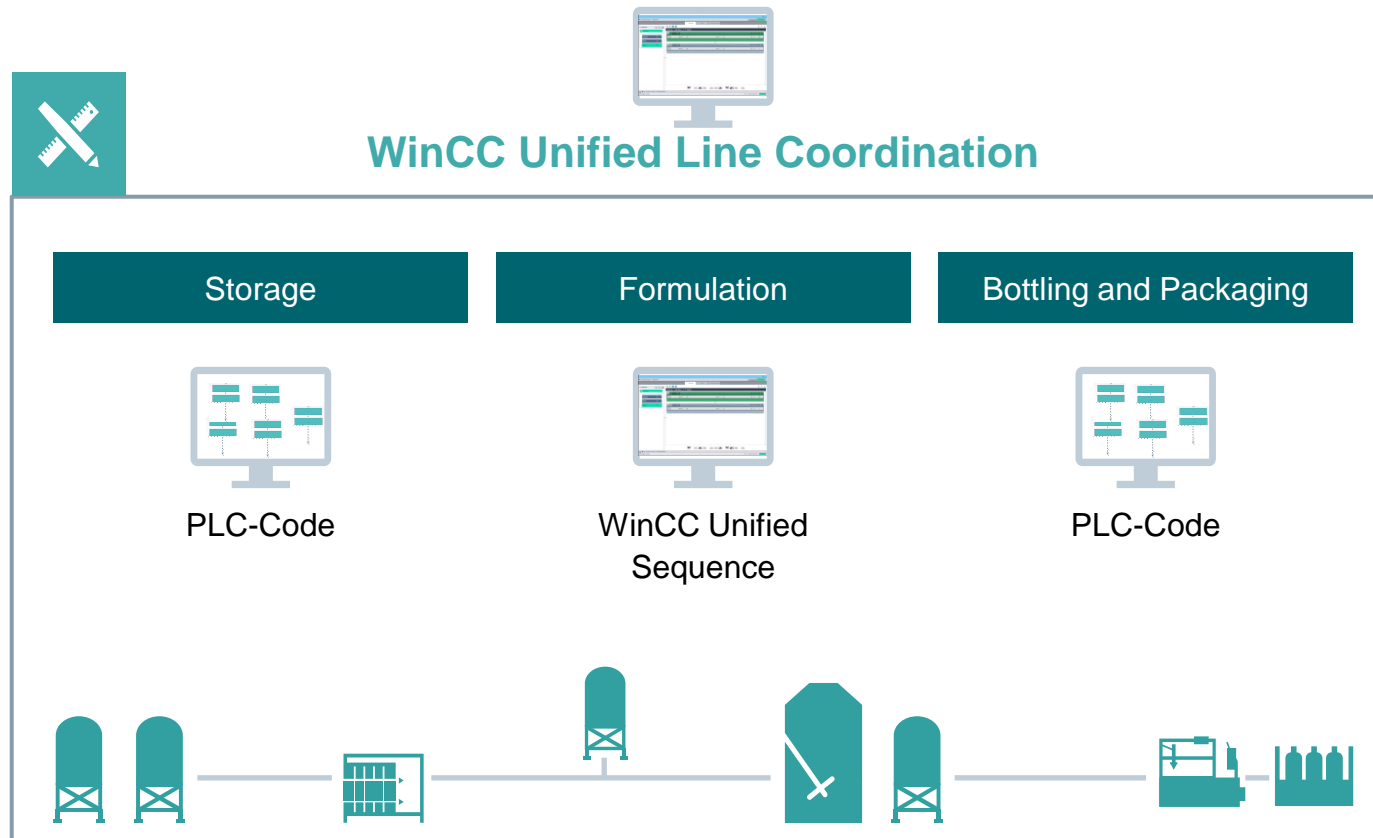
Central definition of time categories
e.g., operation, planned downtime, unplanned downtime,..

Flexible Planning of calendar-based procedures
using templates e.g., for working shifts

Analysis of production processes based on
individually calculated key performance indicators
e.g., OEE, ...

The PI-options “Calendar” and “Performance Insight” can be used individually or in combination with each other.

Plant Intelligence Options – Sequence (SES) und Line Coordination (LCS)



The PI-options SES and LCS can be used individually or in combination with each other.

Comprehensive engineering and line integration of units.

Orchestration of production procedures with WinCC Unified Line Coordination.

Fast changeability of procedures in the production process with WinCC Unified Sequence.

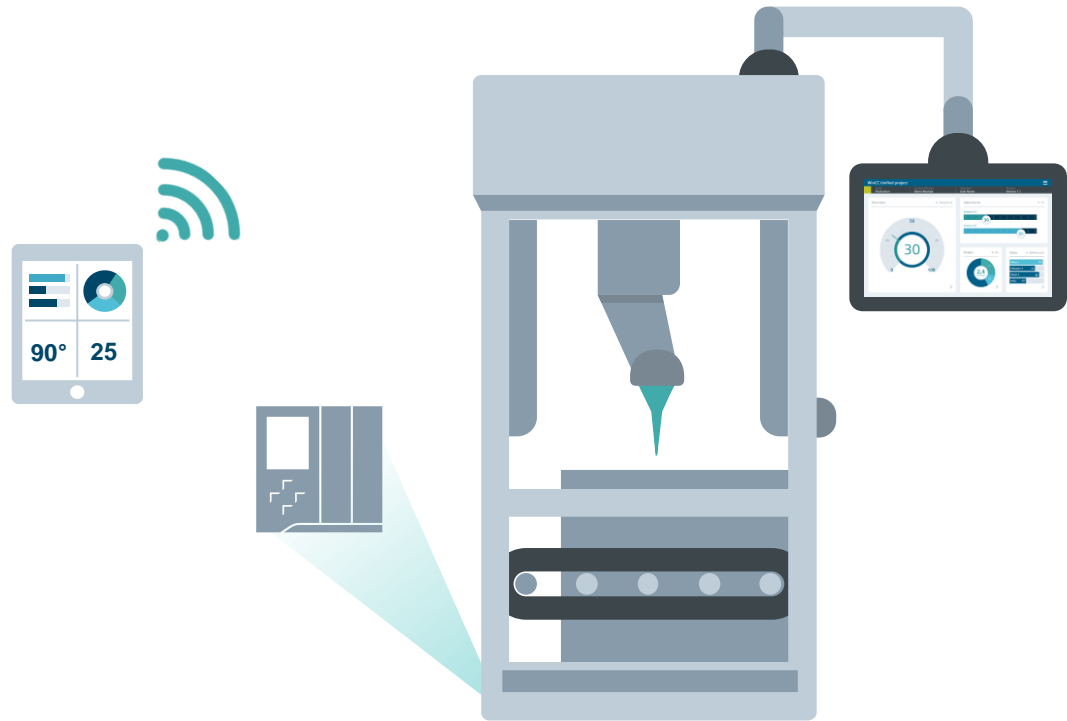


SIMATIC WinCC Unified View of Things (TIA Portal)

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Basic visualization for maintenance and service without the need for programming



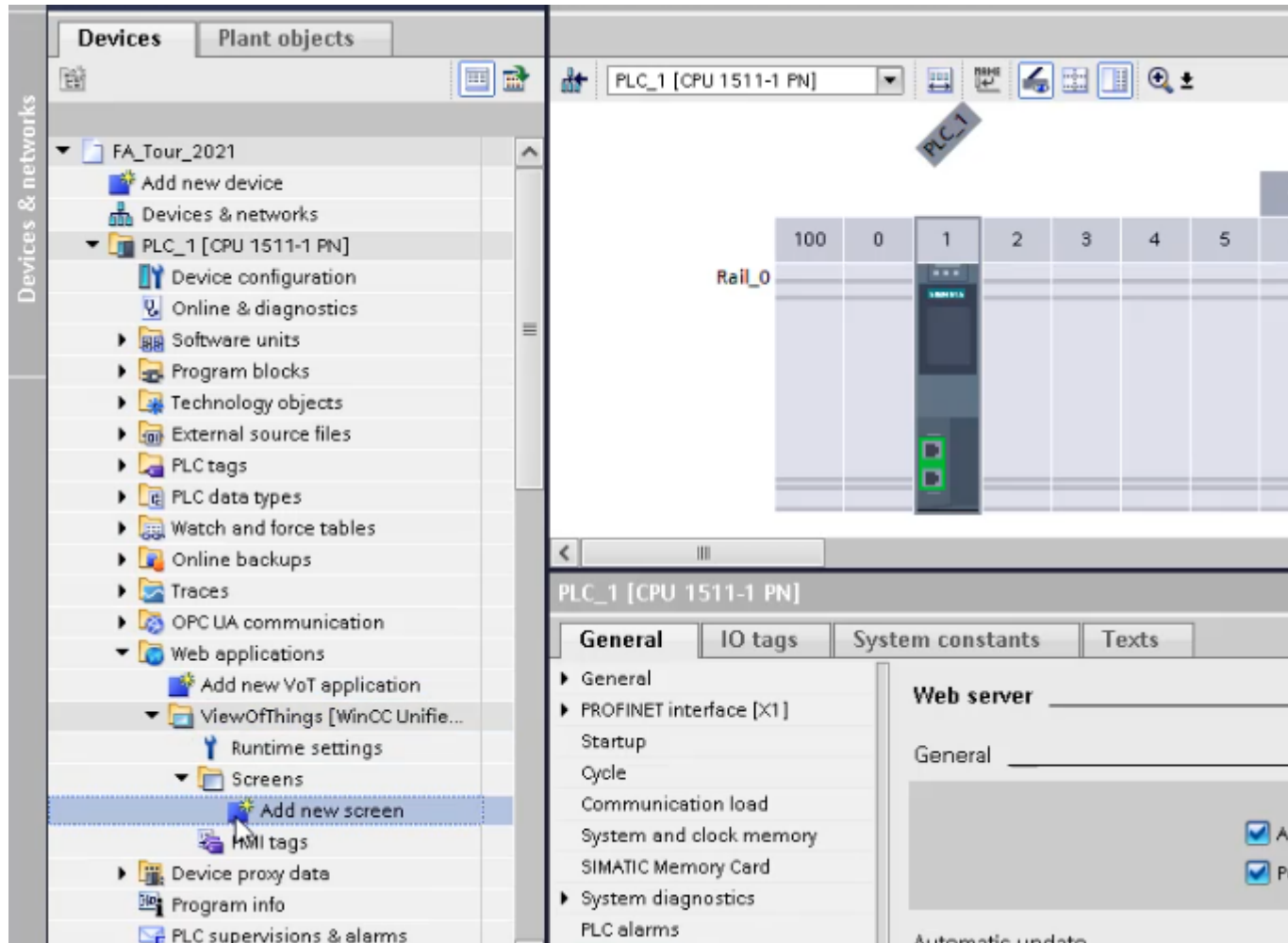
HMI Panel

Regular visualization for the operation of the machine by the end user. Includes everything that is required for 24/7 operation (e.g. Alarming and Archiving).

View of Things (VoT)

Allows to implement a basic visualization (e.g. for maintenance and service use cases) that is completely separated from the end user visualization.

WinCC Unified View of Things Functional Overview



Basic objects & Elements
(e.g. I/O field, button, gauge)

Graphics (incl. Dynamic SVG) as well as Screen
Windows to build screen architecture

Basic Scripting functionality with JavaScript in
screens

User Management with the S7-1500 Webserver
FW 2.9

SIMATIC WinCC Unified View of Things (VoT) Summery



View of Things follows configuration approach –
no need for programming skills

Comfortable editor with drag & drop functionality for visual
configuration of your screens

View of Things is based on WinCC Unified Technology –
Screens can also be used for Panel & PC visualization

View of Things only requires an Engineering license for
WinCC (TIA Portal)



Get Started, Tutorials Community & Training



Get started smoothly with the WinCC Unified System – Supporting Materials



Tutorial Center

Video series for an easy start with the WinCC Unified System. Learn all the things you need to get started smoothly.



Template Suite

Ready to use screen templates for PC Systems and the Unified Comfort Panels in a free TIA Portal library incl. Wizard.



Switching Guideline

Everything you need know when you want to switch from an existing visualization to the WinCC Unified System



Find all the supporting materials for the WinCC Unified System at a glance

<https://support.industry.siemens.com/cs/ww/en/view/109777887>

SIMATIC WinCC Unified System – Application Examples



Type	English
TIA Portal Add-In Data 2 Unified	SIOS Download
WinCC Unified Tag Simulator	SIOS Download
WinCC Unified Demo projects	SIOS Download
TIA Portal Library HMI Template Suite	SIOS Download
Getting Started Edge @ Unified Comfort Panel	SIOS Download
From Comfort to Unified Comfort Guideline	SIOS Download

Siemens - C:\Users\siemens\Documents\Automation\MyProject\MyProject

Project Edit View Insert Online Options Tools Window Help

Save project Go online Go offline <Search in project>

Totally Integrated Automation PORTAL

Project tree

MyProject > Devices & networks

Topology view Network view Device view

Network Connections HMI connection

Devices & networks

Devices Plant objects

Name

MyProject

Add new device

Devices & networks

Ungrouped devices

Security settings

Cross-device functions

Common data

Documentation settings

Languages & resources

Version control interface

Online access

Card Reader/USB memory

Reference projects

Details view

Name

Add new device

Devices & networks

Ungrouped devices

Security settings

Cross-device functions

Common data

Portal view Overview Devices & ne...

Properties Info Diagnostics

The library was closed.

ENG 12:55 PM 4/3/2020

VICPAS

HMI Parts Center

WinCC Unified Community – Join us now for free!



Learn everything you need to get started
with the WinCC Unified System.



Discuss with other WinCC Unified
users or prospects online.



More than 90 minutes of videos
in short on-demand clips.

Join us now for free on
www.siemens.com/wincc-unified-system.

SIMATIC WinCC Unified System – How to get started with the Engineering



WinCC (TIA Portal) Engineering available



You are ready to start!

The license of WinCC (TIA Portal) is also valid for engineering using WinCC Unified (TIA Portal).

No WinCC Engineering is available



Have a look to our attractive Packages

- **WinCC Unified Trial**
- **Unified Comfort Starter Kits**
including Device, Engineering and accessories
- **IPC- Packages**
for concurrent order of SIMATIC IPC
and WinCC Unified PC Runtime
- **Promotion Packages**
for WinCC Unified PC systems

New system | New technologies | New functionalities | New possibilities

Get more insights how to optimize engineering in order to create Unified projects via WinCC Unified Getting Started, Tutorial or Trainings (Digital Industry Academy)!

Basic SIMATIC WinCC Unified & Unified Comfort Panels

Description

Learn how to create TIA Portal projects for Unified Comfort Panels and how to use them optimally.

Short title

TIA-UWCCM

SITRAIN personal

3 days classroom training.

SITRAIN

(<http://www.siemens.com/SITRAIN>)

Advanced SIMATIC WinCC Unified Scripting (JavaScript)

Description

Learn to optimally use JavaScript in SIMATIC WinCC Unified without previous programming knowledge.

Short title

TIA-UWCCJA

SITRAIN access

~3 hours web-based training.

SITRAIN access – the digital learning platform

Advanced SIMATIC WinCC Unified for PC systems

Description

Learn how to use the functionalities and options especially available for PC Systems with WinCC Unified.

Short title

TIA-UWCCPC

SITRAIN personal

2 days classroom training.

Starter Kits & Promotion Packages



SIMATIC HMI Unified Comfort Panels – Starter Kits and accessories



Starter-Kit

- Device
- WinCC Unified V17 Comfort
- 1,5 m Profinet cable
- Memory Card (32 GB)
- Protective film
- Device-Managed Edge license



[Overview of Starter kits in Industry Mall](#)

Accessories

- Mounting frames for Comfort Panel compatibility
- Input tools (e.g. touch pen, mouse and keyboard)
- Storage media (e.g. USB-Stick, SD-Card)
- Protective films



[Overview of accessories in Industry Mall](#)

SIMATIC WinCC Unified – Ordering Information – IPC Packages



SIMATIC IPC

Available for almost all SIMATIC IPCs that meet the technical requirements of SIMATIC WinCC Unified PC.



SIMATIC WinCC Unified PC

WinCC Unified PC Runtime License
+ Parameter Control
+ Logging Tags
(number depends on the RT license)

- Price discount only with concurrent order of IPC and WinCC Unified software
- Please note the technical requirements of WinCC Unified when selecting the configuration
- Further information regarding the packages can be found in SIOS (99860269)
<https://support.industry.siemens.com/cs/de/en/view/99860269>

SIMATIC WinCC Unified – Promotion Packages (IPC Package)



Package	Options included	Order Number
WinCC Unified V17 PC RT 150 + 1 Client Package	Parameter Control LoggingTags (100) Client Operate (1)	6AV2155-3DV01-7AA0
WinCC Unified V17 PC RT 150 + 2 Clients Package	Parameter Control LoggingTags (200) Client Operate (2)	6AV2155-3DW01-7AA0
WinCC Unified V17 PC RT 500 + 1 Client Package	Parameter Control LoggingTags (100) Client Operate (1)	6AV2155-1EV01-7AA0
WinCC Unified V17 PC RT 500 + 2 Client Package	Parameter Control LoggingTags (200) Client Operate (2)	6AV2155-1EW01-7AA0

Cannot be ordered with IPC127E, IPC227E, IPC277E, IPC327E and IPC377E !

SIMATIC WinCC Unified – Promotion Packages



Available for current release

WinCC Unified PC (1k) RT

- WinCC Unified PC (1k) RT
- Parameter Control (PC)
- Logging Tags (100)
- Report Execution

6AV2155-2ES01-7AL0

WinCC Unified PC (10k) RT

- WinCC Unified PC (10k) RT
- Parameter Control (PC)
- Logging Tags (1000)
- Report Execution

6AV2155-2FS01-7AL0

WinCC Unified PC (50k) RT

- WinCC Unified PC (50k) RT
- Parameter Control (PC)
- Logging Tags (1000)
- Report Execution
- Database Option
- Client Operate (1)

6AV2155-1GS01-7AL0

Packages only available via Online Software Delivery (OSD).

~ 30%
discount

SIMATIC WinCC Unified – Promotion Packages – Collaboration/Clients

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Available for current release

WinCC Unified Collaboration (3x1)

- 3x WinCC Unified Collaboration
- can be distributed to any HMI Unified Comfort Panel or WinCC Unified PC Runtime System

6AV2155-3JR01-7LB0

WinCC Unified Client (5x1)

- 5x WinCC Unified Client Operate (1)
- can be distributed to any HMI Unified Comfort Panel or WinCC Unified PC Runtime System

6AV2155-1CW01-7LB0

Packages only available via Online Software Delivery (OSD).

~20%
discount

SIMATIC WinCC Unified – Promotion Package Plant Intelligence Options

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Available for current release

WinCC Unified Plant Intelligence Options

- Calendar Option (Base)
- Performance Insight Option (Base)

6AV2155-1CP31-7LA0

Package only available via Online Software Delivery (OSD).

~30%
discount

Further Information



SIMATIC HMI Unified Comfort Panels – Choose accessories upon demand



Coming Soon

Mounting accessories

Mounting frame for
Comfort Panel compatibility



Input tools

- Touch pen incl. holder
- USB mouse and keyboard



Protective films

All display sizes (7 – 22")



Storage Media

- SIMATIC SD-card
- SIMATIC HMI USB flash drive

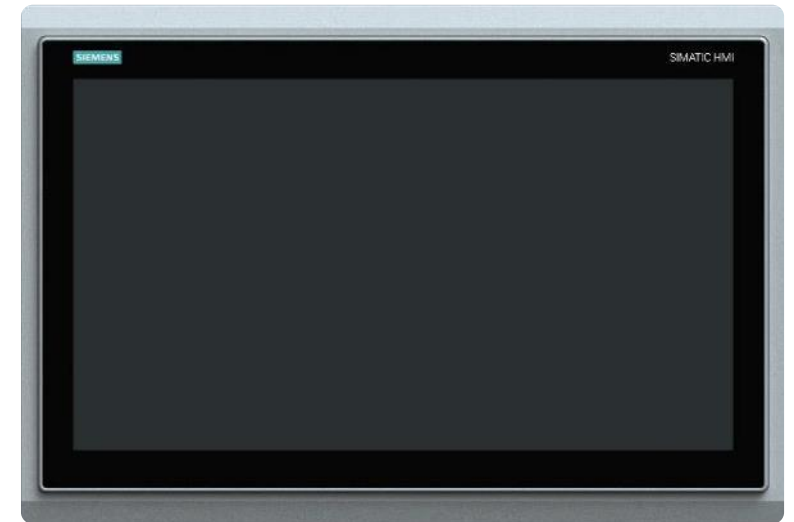
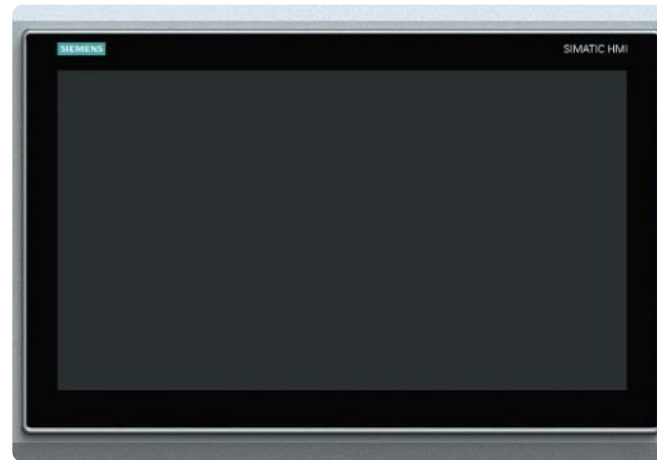
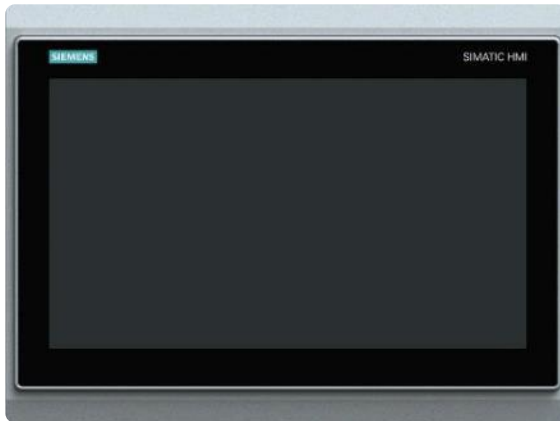


<https://mall.industry.siemens.com/mall/de/WW/Catalog/Products/10144445?tree=CatalogTree>

SIMATIC HMI Unified Comfort Panels – Accessories – Mounting frames

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Coming Soon



Available for all devices (MTP1500, MTP1900, MTP2200) that have smaller cut-out
compared to Comfort Panel

Ordering Information



SIMATIC WinCC Unified V17

Ordering Information – Engineering / Trial



WinCC Unified Engineering	Package (DVD)	Online Software Delivery (OSD)
WinCC Unified Comfort ES	6AV2151-0XB01-7AA5	6AV2151-0XB01-7LA5
WinCC Unified PC (10k) ES	6AV2153-2FB01-7AA5	6AV2153-2FB01-7LA5
WinCC Unified PC (100k) ES	6AV2153-2GB01-7AA5	6AV2153-2GB01-7LA5
WinCC Unified PC (Max) ES	6AV2153-0XB01-7AA5	6AV2153-0XB01-7LA5
WinCC Unified PC (1k) ES Trial	6AV2153-2EB01-7AA7	Download via SIOS

All ordering numbers for WinCC Unified can be found in: [SIOS 109792165](#)

SIMATIC WinCC Unified Ordering Information - IPC Packages



Package	Options included	Order Number
WinCC Unified V17 PC RT 150 Package	WinCC Unified Logging Tags (100) Parameter Control	6AV2155-3DB01-7AA0
WinCC Unified V17 PC RT 500 Package	WinCC Unified Logging Tags (200) Parameter Control	6AV2155-1EB01-7AA0
WinCC Unified V17 PC RT 1k Package	WinCC Unified Logging Tags (500) Parameter Control	6AV2155-2EB01-7AA0
WinCC Unified V17 PC RT 2.5k Package	WinCC Unified Logging Tags (500) Parameter Control	6AV2155-2MB01-7AA0
WinCC Unified V17 PC RT 5k Package	WinCC Unified Logging Tags (1000) Parameter Control	6AV2155-1FB01-7AA0
WinCC Unified V17 PC RT 10k Package	WinCC Unified Logging Tags (1000) Parameter Control	6AV2155-2FB01-7AA0
WinCC Unified V17 PC RT 50k Package ¹	WinCC Unified Logging Tags (1000) Parameter Control	6AV2155-1GB01-7AA0

¹ Cannot be ordered with IPC127E, IPC227E, IPC277E, IPC327E and IPC377E

SIMATIC HMI Unified Comfort Panels

Ordering Information



Device Name	Display Size	MLFB Standard Design	MLFB Neutral Design
MTP700 Unified Comfort	7.0"	6AV2128-3GB06-0AX0	6AV2128-3GB36-0AX0
MTP1000 Unified Comfort	10.1"	6AV2128-3KB06-0AX0	6AV2128-3KB36-0AX0
MTP1200 Unified Comfort	12.1"	6AV2128-3MB06-0AX0	6AV2128-3MB36-0AX0
MTP1500 Unified Comfort	15.6"	6AV2128-3QB06-0AX0	6AV2128-3QB36-0AX0
MTP1900 Unified Comfort	18.5"	6AV2128-3UB06-0AX0	6AV2128-3UB36-0AX0
MTP2200 Unified Comfort	21,5"	6AV2128-3XB06-0AX0	6AV2128-3XB36-0AX0

Accessories: <https://mall.industry.siemens.com/mall/en/WW/Catalog/Products/10144445?tree=CatalogTree>

Mounting Frames – Ordering information



Coming Soon

Name	Mounting compatibility	MLFB
Mounting Frame Set 15" Touch	from TP1500 to MTP15000	6AV6881-6QD41-1AA0
Mounting Frame Set 19" Touch	from TP1900 to MTP1900	6AV6881-6UD41-1AA0
Mounting Frame Set 22" Touch	from TP2200 to MTP2200	6AV6881-6VD41-1AA0

SIMATIC HMI Unified Comfort Panels – Starter Kits



Hardware Starter-Kit

- Device
- WinCC Unified V17 Comfort
- 1,5 m Profinet cable
- Memory Card (32 GB)
- Protective film
- EDGE Runtime for Unified Comfort (Device-managed) license



SIMATIC HMI Unified Comfort Panels Starter Kits



Device Name	MLFB
MTP700 Unified Comfort	6AV2128-3GB06-0AP0
MTP1000 Unified Comfort	6AV2128-3KB06-0AP0
MTP1200 Unified Comfort	6AV2128-3MB06-0AP0
MTP1500 Unified Comfort	6AV2128-3QB06-0AP0
MTP1900 Unified Comfort	6AV2128-3UB06-0AP0
MTP2200 Unified Comfort	6AV2128-3XB06-0AP0

Thank you for your attention!

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Subject to changes and errors. The information given in this document only contains general descriptions and/or performance features which may not always specifically reflect those described, or which may undergo modification in the course of further development of the products. The requested performance features are binding only when they are expressly agreed upon in the concluded contract.

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[siemens.com/wincc-unified-system](https://www.siemens.com/wincc-unified-system)