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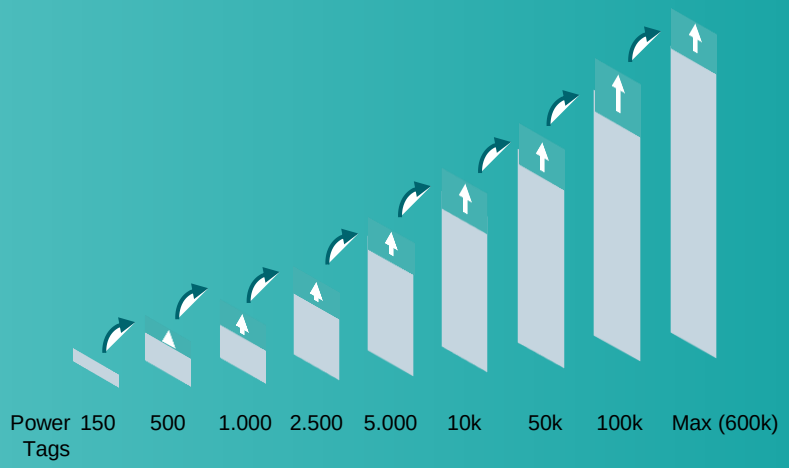
WinCC Unified PC RT V17



Configuration V17 – PC Systems – WinCC Unified PC Runtime with 128 connections

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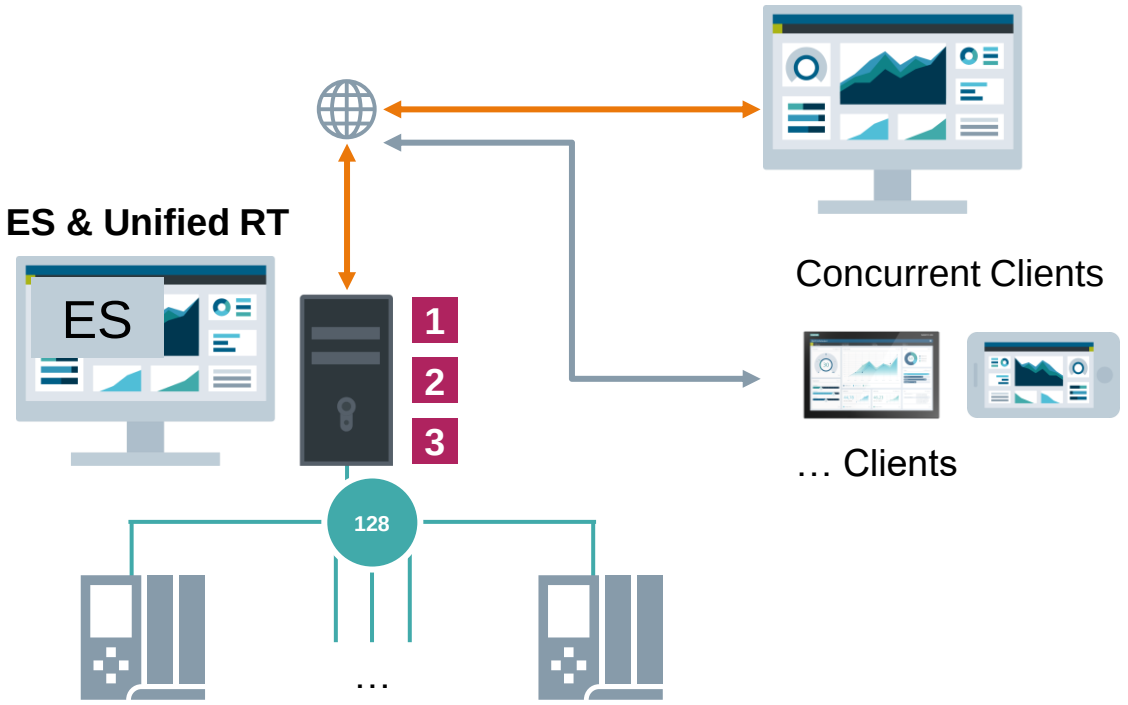

- Each WinCC Unified PC Runtime includes 3 Clients – for locale HMI plus one Operate and one Monitor remote access.
- Simatic NET must be licensed separately for more than 10 x S7-connections S7-connections (up to 128)

1 Base Packages WinCC Unified PC RT System

WinCC Unified PC RT n

- **WinCC Unified PC (150) RT**
- WinCC Unified PC (500) RT
- WinCC Unified PC (1k) RT
- WinCC Unified PC (2.5k) RT
- WinCC Unified PC (5k) RT
- WinCC Unified PC (10k) RT
- WinCC Unified PC (50k) RT
- WinCC Unified PC (100k) RT
- WinCC Unified Max RT (max.)

2 WinCC Unified PC Engineering System

- WinCC Unified PC (10k) ES
- WinCC Unified PC (100k) ES
- WinCC Unified PC (Max) ES

3 SIMATIC NET V17

MLFB: 6GK1704-1CW17-0AA0

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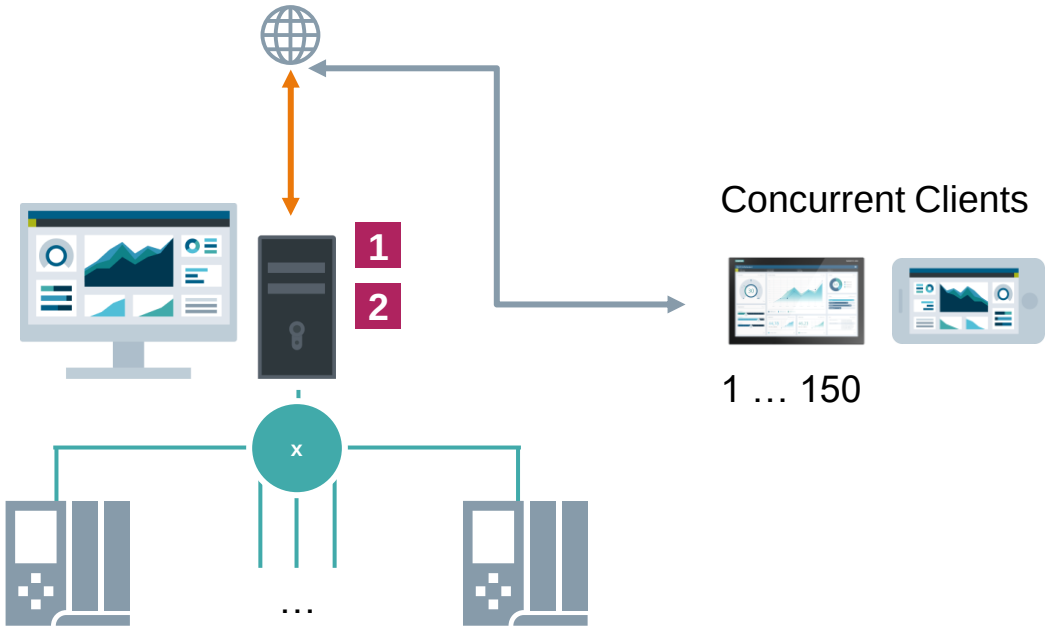
Configuration V17 – PC Systems –
WinCC Unified PC Runtime – 1 Unified Server and 150 Clients



- Concurrent Clients (150 system are tested),
  One for local HMI plus one for remote access
- In principle, more clients **are possible** (depending on the total system load) but cannot be guaranteed
- Windows operating system with **actual** HTML 5 Browser
- "Zero Installation" Clients via state-of-the-art web browsers – (no need to install separate apps or plug-ins)

1 Base Packages WinCC Unified PC RT System

WinCC Unified PC RT n

2 WinCC Unified Client

- WinCC Unified Clients Operate (1) MLFB: 6AV2157-1JW00-0LB0
- WinCC Unified Clients Operate (3) MLFB: 6AV2157-3JW00-0LB0
- WinCC Unified Clients Operate (10) MLFB: 6AV2157-2CW00-0LB0
- WinCC Unified Clients Operate (30) MLFB: 6AV2157-6CW00-0LB0
- WinCC Unified Clients Operate (100) MLFB: 6AV2157-2DW00-0LB0

- WinCC Unified Client Monitor (1) MLFB: 6AV2157-1JM00-0LB0
- WinCC Unified Client Monitor (3) MLFB: 6AV2157-3JM00-0LB0
- WinCC Unified Client Monitor (10) MLFB: 6AV2157-2CM00-0LB0

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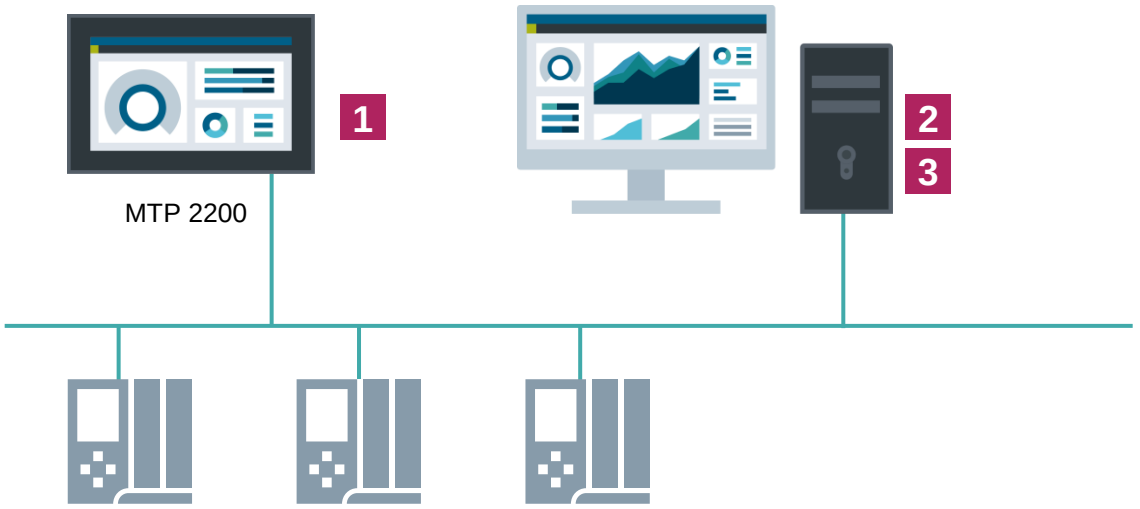
WinCC Logging – File-based Logging (4200 Logging Tags)



- File-based Logging up to 5,000 Logging Tags (included)
- Alternative tag number solution: With 4200 logging tags
- **I don't necessarily need a 5K RT license because I could also archive internal tags**

1 Base Packages SIMATIC HMI Unified Comfort Panels (7 – 22")

Device name	MLFB Standard Design
MTP2200 Unified Comfort	6AV2128-3XB06-0AX0

2 Base Packages WinCC Unified PC RT System

WinCC Unified PC RT n

- WinCC Unified PC (2.5k) RT…
- WinCC Unified PC (5k) RT

3 WinCC Unified Logging Tags (4200)

• WinCC Unified Logging Tags	
• WinCC Unified Logging Tags (100)	MLFB:6AV2157-2DA00-0LB0
• WinCC Unified Logging Tags (500)	MLFB:6AV2157-1EA00-0LB0
• WinCC Unified Logging Tags (1000)	MLFB:6AV2157-2EA00-0LB0
• WinCC Unified Logging Tags **(5000)**	MLFB:6AV2157-1FA00-0LB0

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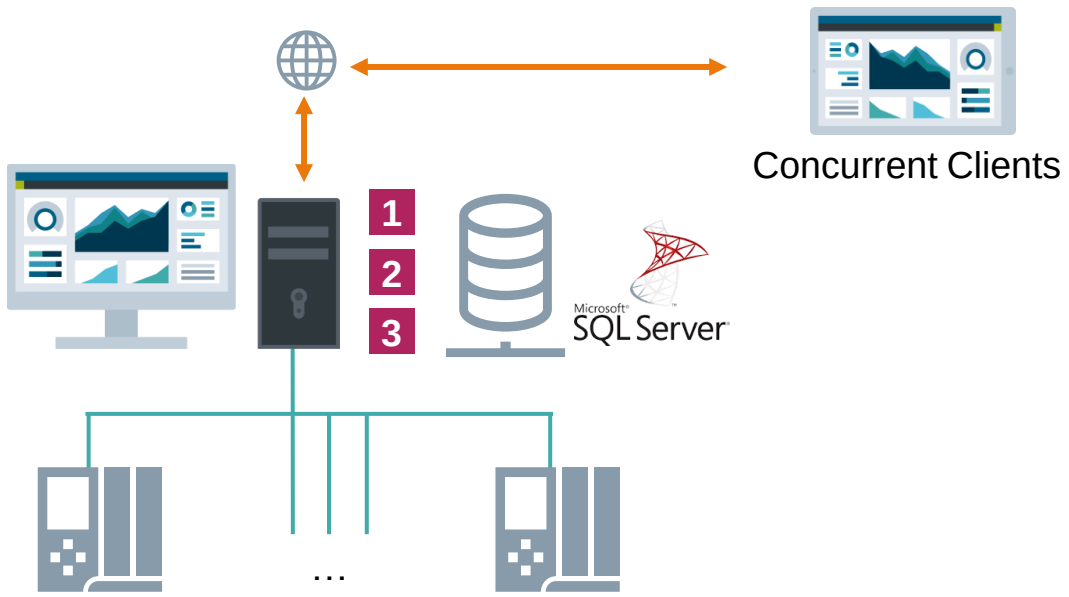
Configuration V17 – PC Systems – Logging – Unified PC Runtime Databased Logging (11 000 Logging Tags)



- The number of Logging Tags is scalable (countable) to grow upon demand up to 30.000 Logging Tags.
- The licenses for Logging Tags are valid both logging types: file-based and databased- Logging
- For logging less 5,000 Tags use File-based Logging
- Alternative tag number solution: With 11 000 logging tags I don't necessarily need a 50K RT license because I could also archive internal tags

1 Base Packages WinCC Unified PC RT System

WinCC Unified PC RT n

- WinCC Unified PC (150) RT
- WinCC Unified PC (500) RT
- WinCC Unified PC (1k) RT
- WinCC Unified PC (2.5k) RT
- WinCC Unified PC (5k) RT
- WinCC Unified PC (10k) RT
- **WinCC Unified PC (50k) RT**
- WinCC Unified PC (100k) RT
- WinCC Unified Max RT (max.)

2 Database Storage

MLFB: 6AV2154-0BS01-7LA0

3 WinCC Unified Logging Tags (11 00)

(1x WinCC Unified Logging Tags (10 000 +1000))

• WinCC Unified Logging Tags (100)	MLFB:6AV2157-2DA00-0LB0
• WinCC Unified Logging Tags (500)	MLFB:6AV2157-1EA00-0LB0
• WinCC Unified Logging Tags **(1000)**	MLFB:6AV2157-2EA00-0LB0
• WinCC Unified Logging Tags (5000)	MLFB:6AV2157-1FA00-0LB0
• WinCC Unified Logging Tags **(10000)**	MLFB:6AV2157-2FA00-0LB0
• WinCC Unified Logging Tags (30000)	MLFB:6AV2157-6FA00-0LB0

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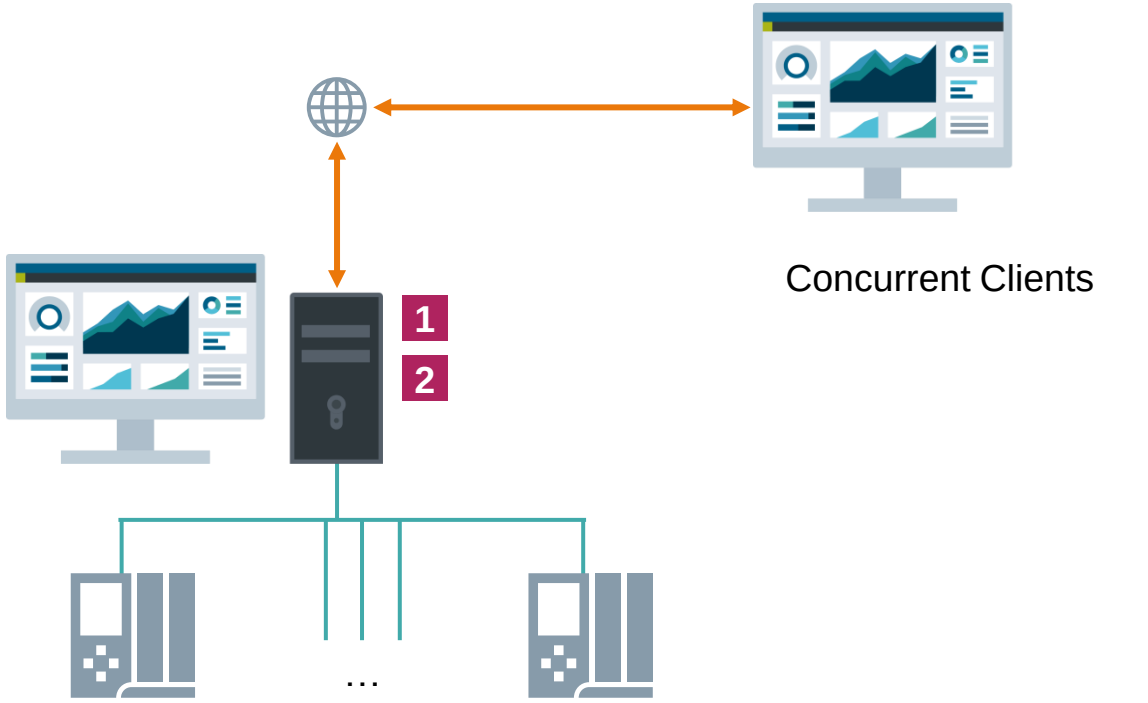
Configuration V17 – PC Systems – Recipes – Unified PC Runtime with Parameter Control



Recipe station – Additional clients can be added upon demand

1 Base Packages WinCC Unified PC RT System

WinCC Unified PC RT n:

- WinCC Unified PC (150) RT
- WinCC Unified PC (500) RT
- WinCC Unified PC (1k) RT
- WinCC Unified PC (2.5k) RT
- WinCC Unified PC (5k) RT
- WinCC Unified PC (10k) RT
- WinCC Unified PC (50k) RT
- WinCC Unified PC (100k) RT
- WinCC Unified Max RT (max.)

2 WinCC Unified Parameter Control (PC)

MLFB: 6AV2154-0BP01-7LB0

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SIMATIC HMI Unified Comfort Panels – Starter Kits and accessories

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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

Special offer for all UCP Starter-Kits (until end of the calendar year 2021)

- As of 2022, the L1-prices for the starter kits will also be adjusted (Price group remains).

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SIMATIC WinCC Unified –
Ordering Information – IPC Packages

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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

Note : no kiosk mode possible (due to missing Windows functions in Windows 10 LTSB/ LTSC)

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SIMATIC WinCC Unified
Ordering Information - IPC Packages

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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

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SIMATIC WinCC Unified –
IPC Promotion Packages incl. Clients

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Available with V17

WinCC Unified PC RT + 1 Client

- WinCC Unified **PC RT 150**
- Parameter Control
- Logging Tags **(100)**
- Client Operate **(1)**

6AV2155-3DV01-7AA0

- WinCC Unified PC **RT 500**
- Parameter Control
- Logging Tags **(200)**
- Client Operate **(1)**

6AV2155-1EV01-7AA0

WinCC Unified PC RT + 2 Clients

- WinCC Unified **PC RT 150**
- Parameter Control
- Logging Tags **(100)**
- Client Operate **(2)**

6AV2155-3DW01-7AA0

- WinCC Unified PC **RT 500**
- Parameter Control
- Logging Tags **(200)**
- Client Operate **(2)**

6AV2155-1EW01-7AA0

~ 30% discount

Only with concurrent order of a SIMATIC IPC see SIOS (99860269)

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SIMATIC WinCC Unified
Promotion Packages (IPC Package)

SIEMENS
Ingenuity for life

Available with V17

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 **(100)** Client Operate **(2)**	6AV2155-3DW01-7AA0
WinCC Unified V17 PC RT 500 + 1 Client Package	Parameter Control LoggingTags **(200)** 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 !

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SIMATIC WinCC Unified
Ordering Information - Promotion Packages

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Ingenuity for life

Available with V17

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

~ 30% discount

Packages only available via Online Software Delivery (OSD)

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SIMATIC WinCC Unified – Promotion Packages – Collaboration / Clients

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Available with V17

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

~ 20% discount

Packages only available via Online Software Delivery (OSD)

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SIMATIC WinCC Unified –
Promotion Package Plant Intelligence Options

SIEMENS
Ingenuity for life

Available with V17

WinCC Unified Plant Intelligence Optionen

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

6AV2155-1CP31-7LA0

~ 30% discount

Package only available via Online Software Delivery (OSD)

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