

WinCC OA IOT Suite

empowered by SIMATIC WinCC Open Architecture

siemens.com/wincc-oa-iot-suite

WinCC OA IOT-Box-SW

WinCC OA IOT-Box-SW for SIMATIC Nanobox (IPC2XX) and Industrial Linux (both not included).

Included apps:

Dashboard, Mapping, OPC UA, Publish, Subscribe, S7, Update Center, Rules, System. Up to 1000 Tags, up to 2 user interfaces. Automatic updates of WinCC OA IOT-Box-SW and apps via IOT-OPA possible (requires separate IOT-OPA-SW license). Perpetual License.

1x WinCC OA IOT-Box-SW: 6AV6356-1AA31-7AA0

10 x WinCC OA IOT-Box-SW 6AV6356-1AA31-7AA1

20 x WinCC OA IOT-Box-SW 6AV6356-1AA31-7AA2



WinCC OA IOT Suite

WinCC OA IOT-OPA

Allows secure administration of devices running WinCC OA IOT-Box-SW. Includes update option for WinCC OA IOT-Box-SW and Industrial Linux (Equivalent to SUS). Can be installed as On-Premise or in cloud. Operating System is Linux. Subscription license.

WinCC OA IOT-OPA-SW for update and administration of up to 10 devices. Connection to IOT-Repository included. **6AV6356-1BA31-7BA0**

WinCC OA IOT-OPA update extension for 10 further devices 6AV6356-1BA31-7BA1

WinCC OA IOT-Repository

Enables distribution of WinCC OA IOT-Box-SW-packages and App-packages to WinCC OA IOT-OPAs. Connections to additional IOT Repositories are free of charge. Device management is excluded. Includes connection to WinCC OA IOT-OPAs. Can be installed on premise or in cloud. Operating System is Linux. Prerequisites for the use are valid WinCC OA IOT-Box-SW licenses as well as a corresponding right to update devices (bound to the IOT-OPA license).

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Applications	54774		publisher	category
Devices	WinCC OA IOT2040		ETM Professional Control GmbH	general
Hall Templates	WinCC GA Nanobox		ETM Professional Control GmbH	general
C Synchronization	Base		ETM Professional Control GmbH	general
	DataMapping		ETM Professional Control GmbH	general
	K0T2040		ETM Professional Control GmbH	general
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WinCC OA IOT-Repository

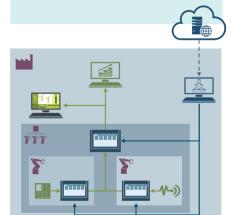
WinCC OA IOT Suite empowered by SIMATIC WinCC OA

Scope of solution:

- Targets for brownfield retrofit Cloud usage optional
- Provides infrastructural services to explore new ways of deployments

IOT-Repository:

 Cloud-based for simple distribution of 3rd party apps & updates



by electrician

Major USPs of IOT Box SW:

• Easy collection and preprocessing of data

• Commissioning within 1h

• Local visualization Forwarding information

Technical features of IOT Box SW:

- Apps are WinCC OA applications
- Based on a WinCC OA IOT Framework Standard WinCC OA Based on SIEMENS Industrial OS

Based on Siemens industrial Hardware:

- In 1st step hosted on Siemens IPC2xx only
- Will be delivered as SW only as well

Major USPs of IOT-OPA:

- Automated maintenance of devices, SW, OS
- Enhancing machines after commissioning
- Enables additional/new business models

Technical features of IOT-OPA:

- Central repository for SW, Apps and OS incl. patches
- Device management including automatic patch deployment
- File exchange/storage for backup/restore and templates

Update mechanism:

- Devices and SW/Apps supporting different states
- Devices can be operated stand alone as well
- System established officially inside SAG (ATOS approved)

For the secure operation of Siemens products and solutions, it is necessary to take suitable preventive action (e.g. cell protection concept) and integrate each component into a holistic, state-ofthe-art industrial security concept. Third-party products that may be in use should also be considered.

For more information about industrial security, visit http://www.siemens.com/industrialsecurity.

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Subject to change 03/20