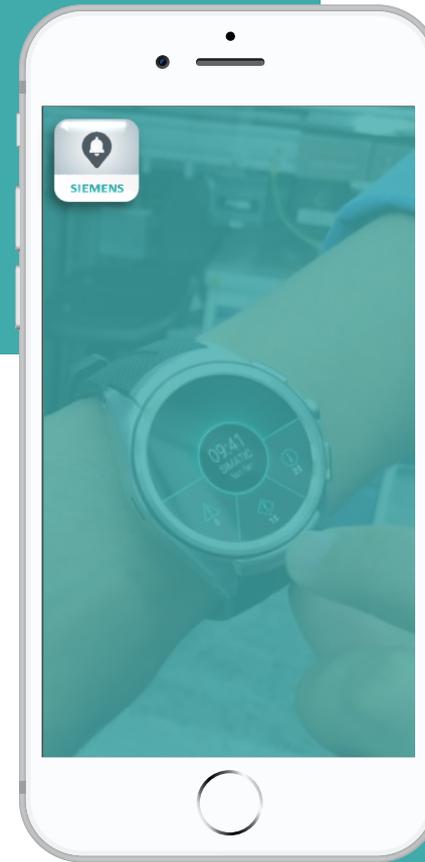
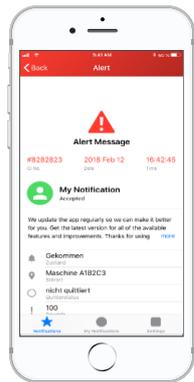


# Detect. React. Benefit.

Increase the availability of your plants with  
SIMATIC Notifier!

New milestones  
of productivity with...

... SIMATIC  
Notifier



Detect  
React  
Benefit

# Advantages

- **Direct notifications** on smartwatch, smartphone and tablet
- **Fast reaction times** in case of service calls or machine failures
- **Reduce downtime** by recognition and localisation of plant or machine failure
- **Easy Integration**
- **Increased mobility and reachability** of employees through communication via WIFI



*Thanks to reports directly to my smartphone I'm able to react quicker and can increase the availability of my production line by several percent!*

Production planner of electronics production

# Source Devices, Communication and Target Devices

## Target Devices

- Smartwatch with WearOS (formerly AndroidWear 2)
- Smartphone or tablet with iOS 12 or higher

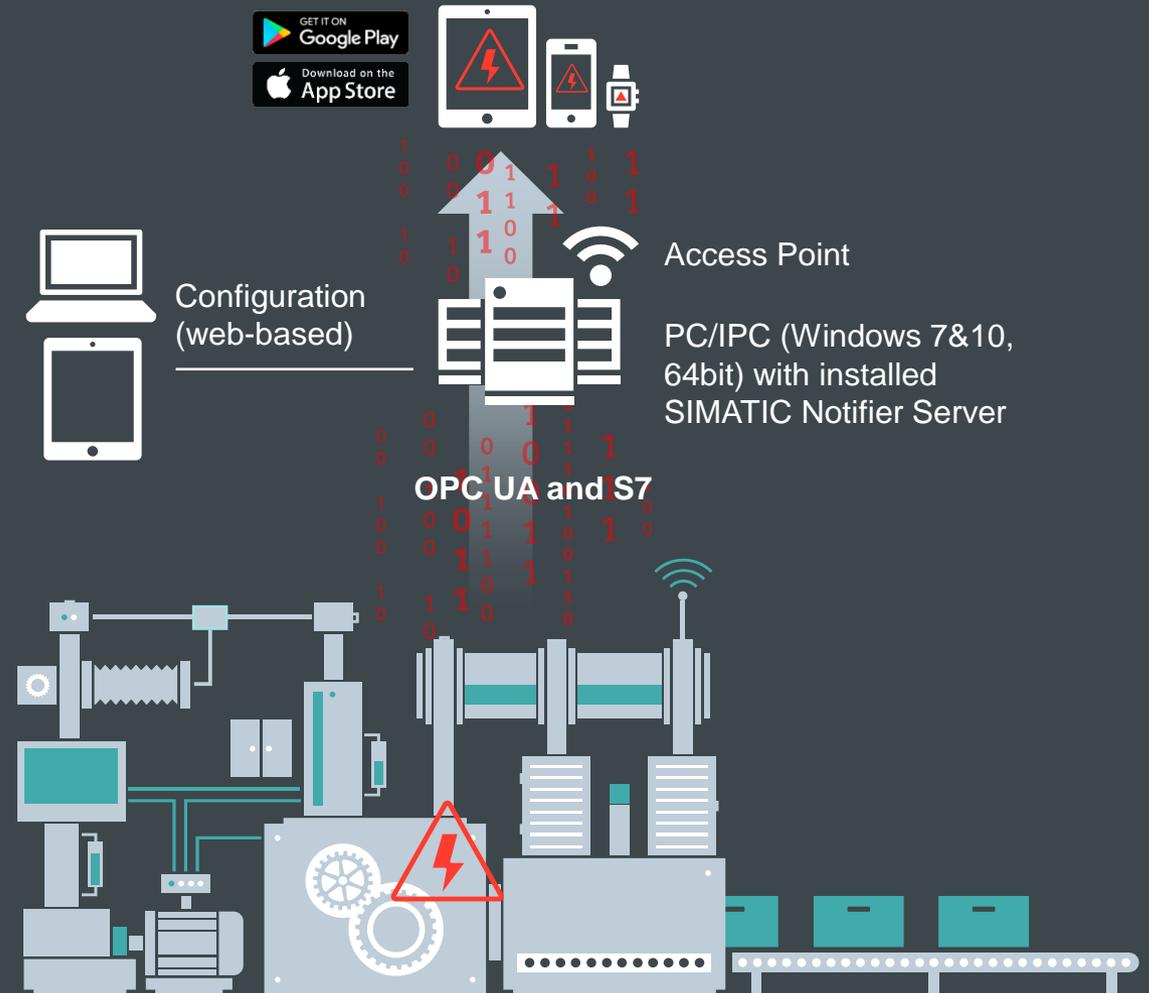
## SIMATIC Notifier Server

- Configuration via webbrowser
- No connection to servers/devices outside the companys network necessary

## Source Devices

- Controllers, HMIs, SCADA systems, ...
- Linkage accomplished via OPC UA DA or S7 communication

**SIEMENS**  
*Ingenuity for life*



# SIMATIC Notifier

## Configuration via Webbrowser

The screenshot displays the SIMATIC Notifier web browser interface. The top navigation bar includes the Siemens logo, the date and time (8.11.2018 15:03:37), and the project name (NotifierDemo). The main content area is divided into two sections: 'Tags [ AdvancedRTOPCUA ]' and 'Notification [ Temperature\_1 ]'. The 'Tags' section contains a table with columns for Name, Data type, Connection, Address, PLC datatype, Encoding, Acquisition mode, Cycle, Disable at startup, and Minimum value. The 'Notification' section contains a table with columns for Name, Alarm class, Condition, Condition value, and Notification text. A sidebar on the left shows the project structure, including 'User management', 'MyFieldPG', 'Notification texts', 'Tags', and 'External tags'. The 'AdvancedRTOPCUA' tag is selected, and its configuration is shown in the main area. The 'Temperature\_1' notification is also selected, and its configuration is shown in the main area. The interface is in English (en-US) and is managed by UMCAdmin.

Name	Data type	Connection	Address	PLC datatype	Encoding	Acquisition mode	Cycle	Disable at startup	Minimum value
1 Blue	Int	AdvancedRTOPCUA	V:1\$DA\$sns=3;s=Blue	Int16		Cyclic in operation	T12s	<input type="checkbox"/>	
2 Info	Int	AdvancedRTOPCUA	V:1\$DA\$sns=3;s=Info	Int16		Cyclic in operation	T12s	<input type="checkbox"/>	
3 MixerSpeed	Int	AdvancedRTOPCUA	V:1\$DA\$sns=3;s=MixerSp	Int16		Cyclic in operation	T12s	<input type="checkbox"/>	
4 Red	Int	AdvancedRTOPCUA	V:1\$DA\$sns=3;s=Red	Int16		Cyclic in operation	T12s	<input type="checkbox"/>	
5 Temperature_1	Int	AdvancedRTOPCUA	V:1\$DA\$sns=3;s=Temper	Int16		Cyclic in operation	T12s	<input type="checkbox"/>	
6 Test	DWord	AdvancedRTOPCUA		UInt32		Cyclic in operation	T12s	<input type="checkbox"/>	
7 Yellow	Int	AdvancedRTOPCUA	V:1\$DA\$sns=3;s=Yellow	Int16		Cyclic in operation	T12s	<input type="checkbox"/>	

Name	Alarm class	Condition	Condition value	Notification text
1 Notifi_Temp_Warning	NotifierWarning	Greater than	50	Color Temperature over 50 Degrees. Please cool down!
2 Notifi_Temp_Alarm	NotifierAlert	Greater than	100	Color Temperature over 100 Degrees. Shut Down or activate cooling system!
3 Notifi_Temp_Alarm_1	NotifierAlert	Less than	10	Color Temperature below 10 Degrees. Heat up or shut down system!

Sidebar  
incl.  
Connections

Variables

Notifications & Conditions

## Individual configuration possibilities

- Notification categories
- User Roles
- Device Management
- Trigger conditions
- Notification texts
- ...

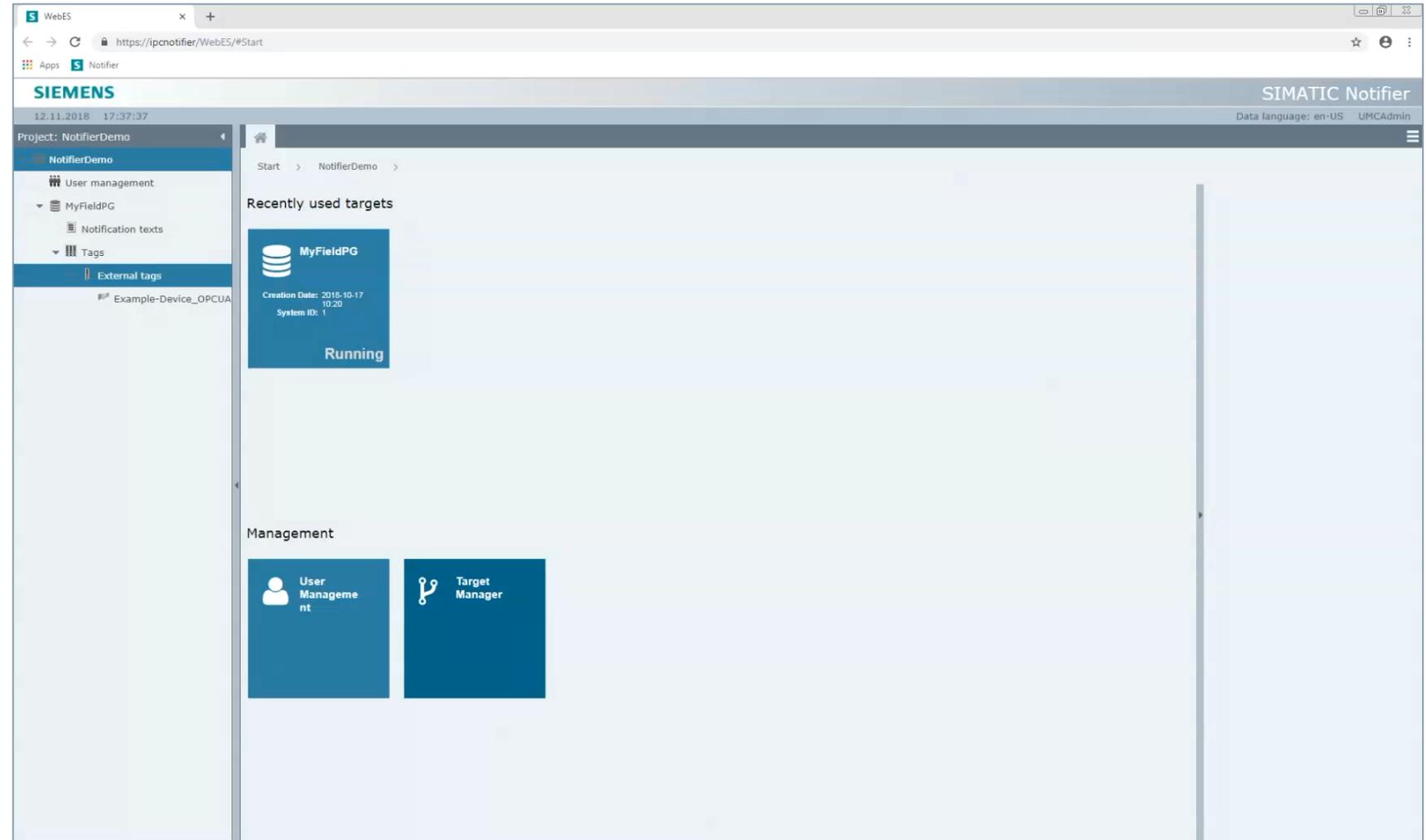
# SIMATIC Notifier

## Typical notification configuration takes less than 2 minutes

### SIMATIC Notifier Server

Workflow to easily configure notifications for your smartwatches & smartphones

1. Configure connection to data source via OPC UA and/or S7
2. Configure tags to monitor
3. Configure rules to create notifications
4. Configure user roles and assign notifications



# SIMATIC Notifier

## Ordering Information



## Notifier Information and Videos

[Product Homepage](#)

[Contact us!](#)

## Notifier Server

[Mail](#)

## Notifier App



## Catalogue numbers:

Notifier Server for Windows:

**6AV2170-0AA10-0AA0**

Notifier Client:

**6AV2170-0AA20-0AA0**

# SIMATIC Notifier Licensing



## Basis (one time fee)

Notifier **Server License** incl. 1x Notifier Client License



## Individually expendable (one time fee)

x-times Notifier **Client licenses**



2 x  
Client licenses



3 x  
Client licenses



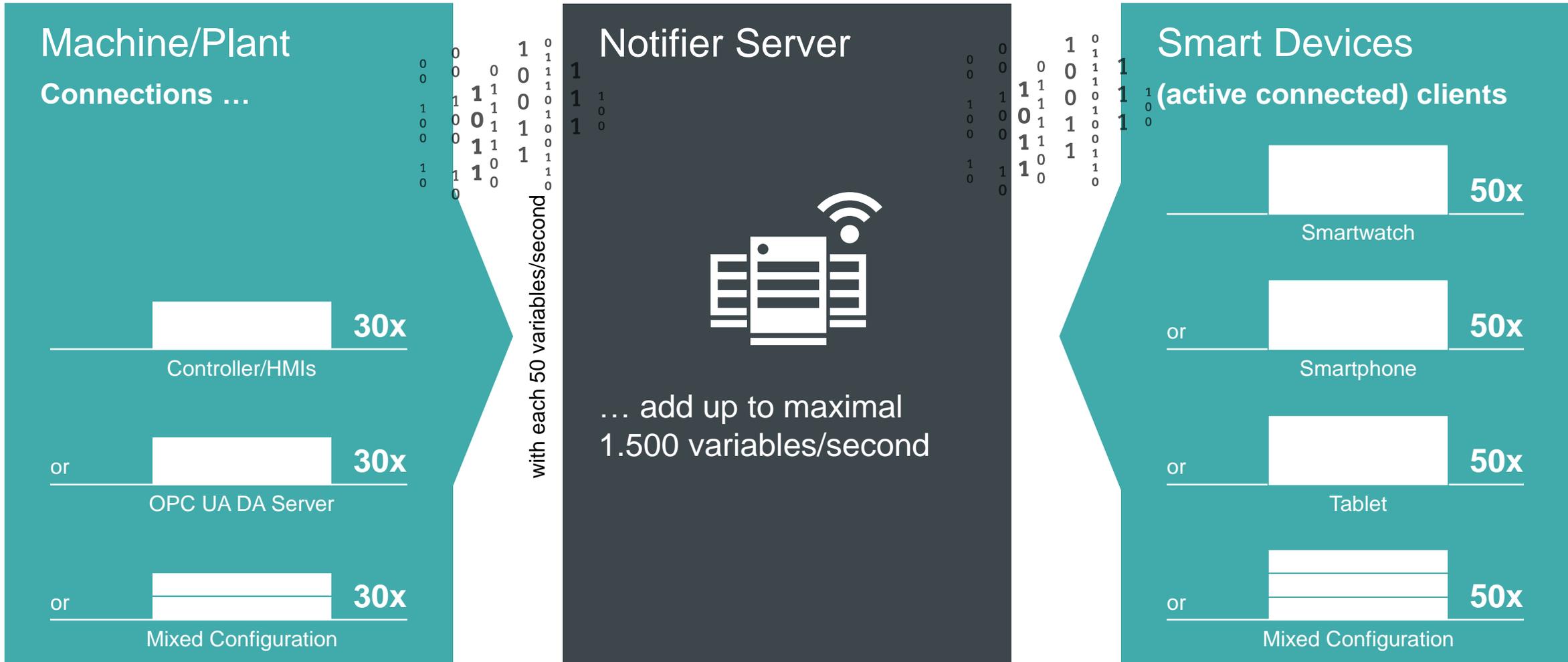
4 x  
Client licenses



Maximum 49 Clients

1, 2, 3, 4, ... 49

# SIMATIC Notifier System Limits Server





# SIMATIC Notifier

## Mobile Alarming

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## Siemens AG

Digital Factory Division  
Factory Automation  
Operator Panels

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[www.siemens.com/simatic-notifier](http://www.siemens.com/simatic-notifier)