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## Web visualization for display and operation of KNX plants

IP Control Center – control of lighting, solar protection, heating, ventilation and air conditioning via web-compatible end devices

### Ease of operation thanks to straightforward, full-graphic visualization

The IP Control Center is a visualization controller of compact design. It features a freely configurable user interface, offering intuitive operation and display of KNX devices. Lighting, solar protection, heating, ventilation and air conditioning can be displayed via web-compatible end devices such as PCs, laptops, smart phones or tablets – matched to user profiles with different access authorities. To handle comprehensive building and room functions, up to 250 KNX objects are available. In addition, there are powerful application modules for scene control, scheduler programs, alarm reporting and logic functions for use in connection with central control. These modules can be easily matched to holiday schedules, user needs, occupancy times, etc., and can be changed at any time.

### Web editor for flexible and intuitive engineering

Engineering is straightforward via ETS and the web editor, which is preinstalled for display by any browser. So, no extra software is required. Using the web editor, a wide choice of symbols and operating elements can be arranged per drag-and-drop. The user interface can be configured to meet individual needs by embedding own elements or elements provided by an extensive library. There is a choice of six different styles.

### Efficient maintenance and commissioning via KNX interface

The built-in KNX interface facilitates commissioning of KNX plant. Using an extra router, KNX plant can be maintained from a remote location.

### Highlights

- Ease of operation thanks to full-graphic and individually configurable user interface
- Convenient remote control via web-compatible end devices such as tablets or smart phones
- Straightforward and intuitive engineering via web editor without additional software
- Cost benefit thanks to built-in commissioning interface to KNX plants
- Reduced effort owing to remote maintenance and remote commissioning

Answers for infrastructure and cities.

# Flexible, intuitive operation via editable graphic user interfaces

## Graphic visualization – can be optimized for different types of end devices



The web editor can be used to match the display on the end devices to individual needs. If required, customized graphs and pictures can be flexibly included in visualization pages in all web formats. In addition, the web editor provides directly the group addresses programmed with the ETS. They can be easily connected to the operating elements via drag-and-drop.

The web editor is capable of meeting both complex and very special requirements. It is an integral component of the IP Control Center and can be easily opened with a standard web browser.

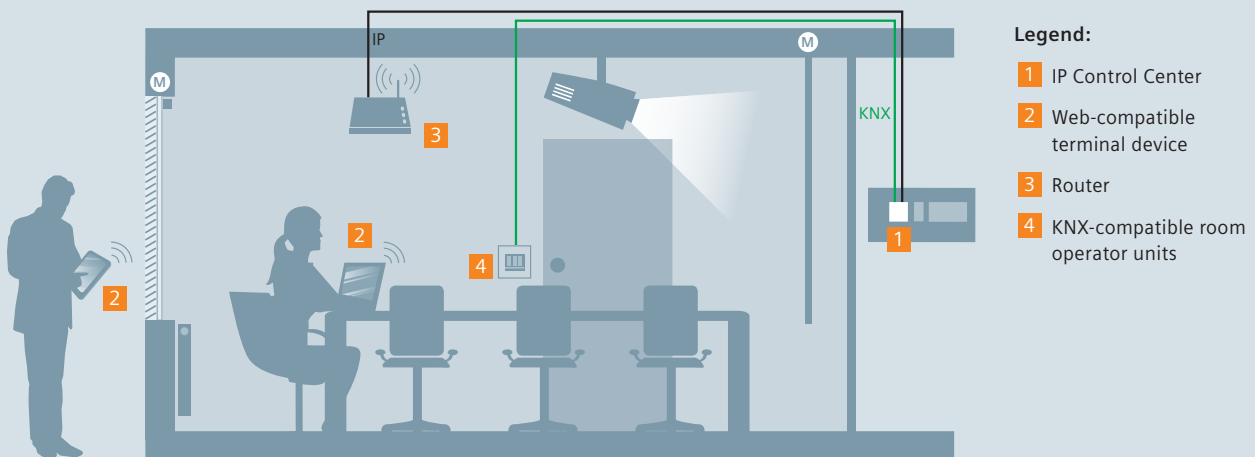
[www.siemens.com/ip-control-center](http://www.siemens.com/ip-control-center)

In addition to the movie about the IP Control Center you find here technical product information and the installation guide on the IP Control Center.



Scan it  
and start  
the movie!


## Application example: remote access via web-compatible end devices



The IP Control Center is especially suited for small and medium-size residential or commercial buildings. With its help, the entire room and building automation system can be conveniently operated and visualized via web-compatible PCs, tablets or smart phones – also wirelessly via WLAN is possible if required. Should a fault occur, an alarm is delivered by mail. The entire KNX plant can be checked and maintained or commissioned from a remote location.

The KNX installation in the room is parameterized and interconnected with the help of ETS. Also, the IP Control Center operates as a commissioning interface for the KNX plant.

## Display and operation units Visualization, server

Technical data								
Type	Description							
	<b>IP Control Center N 152</b> Visualization controller for full-graphic visualizations on web-compatible end devices such as PCs, laptops, tablets and smart phones with a standard web browser.			<ul style="list-style-type: none"> <li>■ Special web site relating to firmware upgrade</li> <li>■ KNXnet/IP interface to parameterize a KNX plant</li> <li>■ Ethernet interface 10/100 Mbits/s with RJ45 socket for connection to the IP network through the internet protocol</li> <li>■ 2 LEDs for indication of IP connection/communication and error messages</li> <li>■ Built-in bus coupler and bus terminal for connection to a KNX network</li> <li>■ Power supply for electronics via external DC 24 V power source. Connection of external power source via low-voltage terminal</li> <li>■ Device for top hat rail mounting on TH35 rails conforming to DIN EN 60715</li> <li>■ Width 4 TE (1 TE = 18 mm)</li> </ul>				
	<ul style="list-style-type: none"> <li>■ Web server to operate and monitor up to 250 transmitted operation states and values</li> <li>■ Web editor for graphic engineering of web visualization and application modules such as:               <ul style="list-style-type: none"> <li>– Scheduler program with up to 300 editable commands per week</li> <li>– Scene module with up to 5,000 scenes or events</li> <li>– Full-graphic logic module providing up to 1,000 logic functions</li> <li>– Alarm function for up to 250 different alarm messages</li> <li>– E-mail function with up to 20 contacts</li> </ul> </li> </ul>							
Selection and ordering data								
Type	Version	DT	Order no.	Price per PU	PU (Unit, Set, M)	PS/ P. unit	PG	Weight per PU (kg)
N 152	IP Control Center N 152	A	5WG1152-1AB01		1	1ST	030	0,150 kg

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The information in this document contains general descriptions of technical options available, which do not always have to be present in individual cases. The required features should therefore be specified in each individual case at the time of closing the contract.

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#### **Answers for infrastructure and cities.**

Our world is undergoing changes that force us to think in new ways: demographic change, urbanization, global warming and resource shortages. Maximum efficiency has top priority – and not only where energy is concerned. In addition, we need to increase comfort for the well-being of users. Also, our need for safety and security is constantly growing. For our customers, success is defined by how well they manage these challenges. Siemens has the answers.

**“We are the trusted technology partner for energy-efficient, safe and secure buildings and infrastructure.”**