

A photograph of a Siemens SCALANCE W700 Access Point and a SIMATIC ET 200SP I/O module. The SCALANCE W700 is a grey, rectangular device with a white antenna on the left. It is connected to a SIMATIC ET 200SP I/O module via a blue Ethernet cable. The SIMATIC ET 200SP is a rack-mountable module with multiple ports and a green Ethernet cable connected to it. The background is a light grey surface.

# SIEMENS

Brochure

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SIMATIC NET

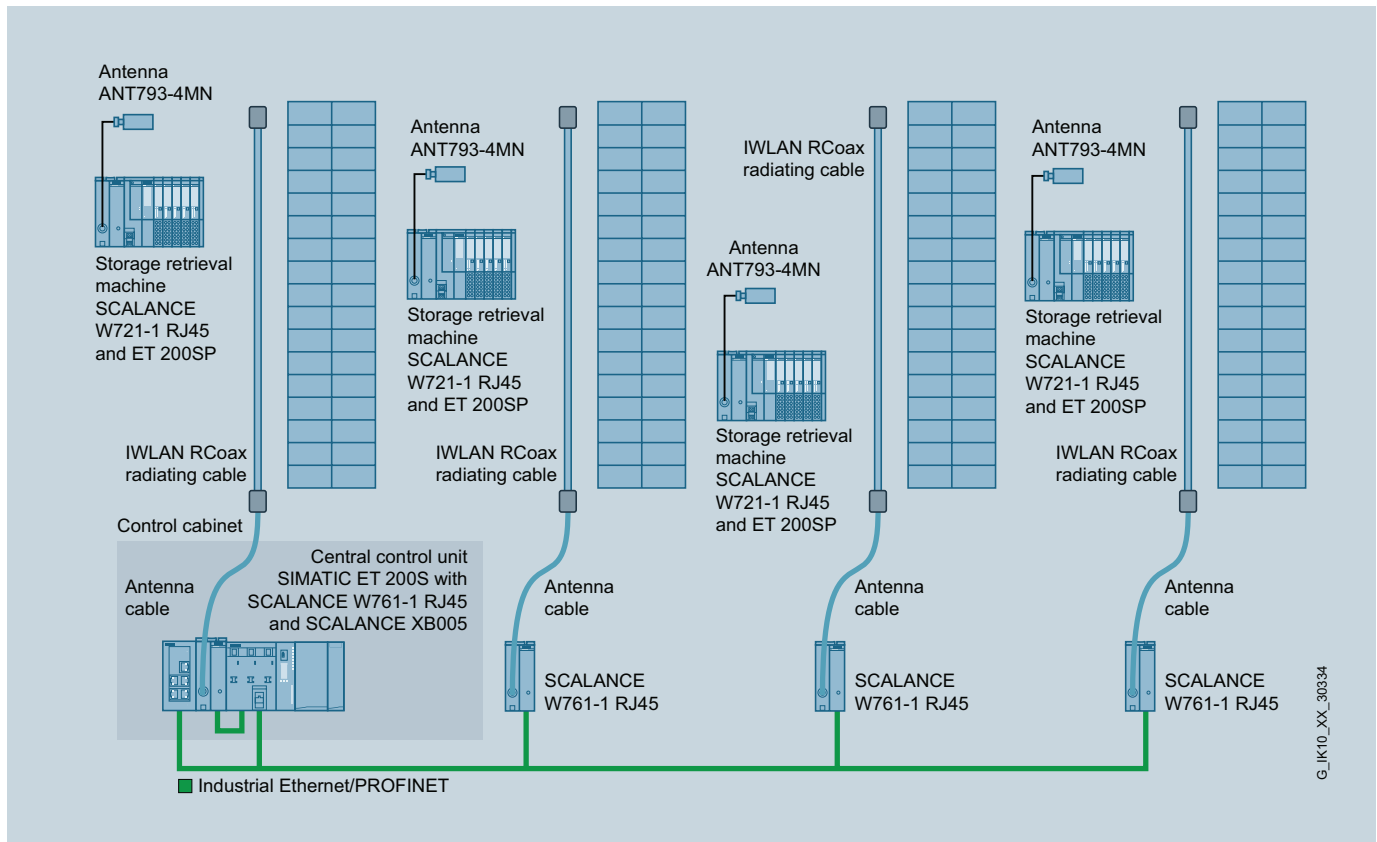
## SCALANCE W760 and W720 – Wireless networking made easy

Wireless networking of machines made easy and economical – with the SCALANCE W760 Access Points and SCALANCE W720 Client Modules! Thanks to their SIMATIC design, automation components such as a SIMATIC ET 200SP, can be seamlessly integrated into an industrial WLAN to save space in the control cabinet – complying with the IEEE

802.11n standard and with a data rate of up to 150 Mbit/s. And, thanks to integrated iFeatures, the SCALANCE W722-1 RJ45 Client Module even makes, for example, video transmission or PROFINET with PROFIsafe communication possible.

Answers for industry.

High bay warehouses demand wear-free and low-maintenance data networking.  
SCALANCE W products and RCoax radiating cables are ideally suited to this purpose.



Application example: Storage and retrieval machines in the high bay warehouse automated with SCALANCE W721-1 RJ45 and W761-1 RJ45 with RCoax

These IWLAN products permit low-cost deployment in industrial applications – with or without iFeatures. Thanks to their design, which is adapted to SIMATIC, SIMATIC ET 200SP modules can easily be connected wirelessly to a WLAN.

For reliable wireless real-time communication, the client version with integrated iFeatures is used. Existing LAN cabling in existing networks can be upgraded and converted easily, quickly and cost-effectively using Industrial Wireless LAN.

The SCALANCE W series is completed with an extensive range of antennas.

### Advantages

Fast and uncomplicated commissioning as well as lower maintenance and installation costs due to:

- Wireless exchange of data in poorly accessible areas

- The RCoax radiating cable, which offers stable data transmission in defined areas of movement

- Space-saving and simple installation due to a very compact and lightweight construction

Wireless standard	IEEE 802.11a/b/g/n
Supported frequencies	2.4 and 5 GHz
Max. bandwidth	150 Mbit/s
Antenna connectors	1 x R-SMA connector
LAN interfaces	1 x RJ45
Temperature range	0°C to +55°C
Degree of protection	IP20
Enclosure material	Plastic
Current	24 V DC
Installation	35 mm DIN rail

### Product versions

- SCALANCE W761-1 RJ45  
Access Point for use in the control cabinet
- SCALANCE W722-1 RJ45  
Client Modules with integrated iFeatures for use in the control cabinet
- SCALANCE W721-1 RJ45  
Client Modules for use in the control cabinet

Apart from the Web-Based Management (WBM) interface, mobile web pages of the SCALANCE W are available for diagnostic purposes; these have been optimized for use with mobile devices such as smart phones or tablet PCs.



Access Point SCALANCE W760



SCALANCE W700 mobile website



Find out more:  
[siemens.com/iwlan](http://siemens.com/iwlan)



## Get more information

**Making the most of air**  
Industrial Wireless LAN –  
flexible, plant-wide wireless infrastructure:  
[www.siemens.com/iwlan](http://www.siemens.com/iwlan)

IWLAN in the TIA Selection Tool:  
[www.siemens.com/tia-selection-tool](http://www.siemens.com/tia-selection-tool)

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<http://support.automation.siemens.com>

To ensure the secure operation of a plant or machine it is also necessary to take suitable preventive action (e.g. cell protection concept) and to integrate the automation and drive components into a state-of-the-art holistic industrial security concept for the entire plant or machine. Any third-party products that may be in use must also be taken into account. Please find further information at:  
<http://www.siemens.com/industrialsecurity>

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