



Digital Distribution and Warehouse

Thinking intralogistics further! – Digital Connectivity & Power

Start

SIEMENS

Warehouse Overview

New Technology
Industrial 5G



OT/IT Network
Integration



Network
Management



Cybersecurity for
Industry



Remote
Communication



Wireless Communication
Automated Guided
Vehicle (AGV)



Wireless Communication
Shuttle Systems



Wireless Communication
Stacker Cranes



Wireless Communication
Tray Sorter Systems



RFID Systems
In-/Outbound Logistics



RFID Systems
Conveyor Systems



Optical Code Reading
Conveyor Systems



RFID Systems
Pouch Sorter Systems



Machine Access
Control



RTLS Systems
Automatic Finding



RTLS Systems
Yard Management



RTLS Systems
Safety & Access Control



RTLS Systems
Paperless Warehouse



Location Intelligence
Software



Power Supply
Automated Guided
Vehicle (AGV)



Power Supply
Add-on modules



Weighing Systems
Conveyor Systems



Industrial Network
Systems



Industrial
Wireless LAN



Industrial Identification
and Locating



Power
Supply



Weighing
Systems



Industrial Network Systems

New Technology
Industrial 5G



OT/IT Network
Integration



Network
Management



Cybersecurity for
Industry



Remote
Communication



Wireless Communication
Automated Guided
Vehicle (AGV)



Wireless Communication
Shuttle Systems



Wireless Communication
Stacker Cranes



Wireless Communication
Tray Sorter Systems



RFID Systems
In-/Outbound Logistics



RFID Systems
Conveyor Systems



Optical Code Reading
Conveyor Systems



RFID Systems
Pouch Sorter Systems



Machine Access
Control



RTLS Systems
Automatic Finding



RTLS Systems
Yard Management



RTLS Systems
Safety & Access Control



RTLS Systems
Paperless Warehouse



Location Intelligence
Software



Power Supply
Automated Guided
Vehicle (AGV)



Power Supply
Add-on modules



Weighing Systems
Conveyor Systems



Industrial Network
Systems

Industrial
Wireless LAN



Industrial Identification
and Locating



Power
Supply



Weighing
Systems



Industrial 5G

Increased performance and efficiency

Reliable warehouse operation thanks to high performance wireless communication



Network infrastructure is designed to be operated by own personal

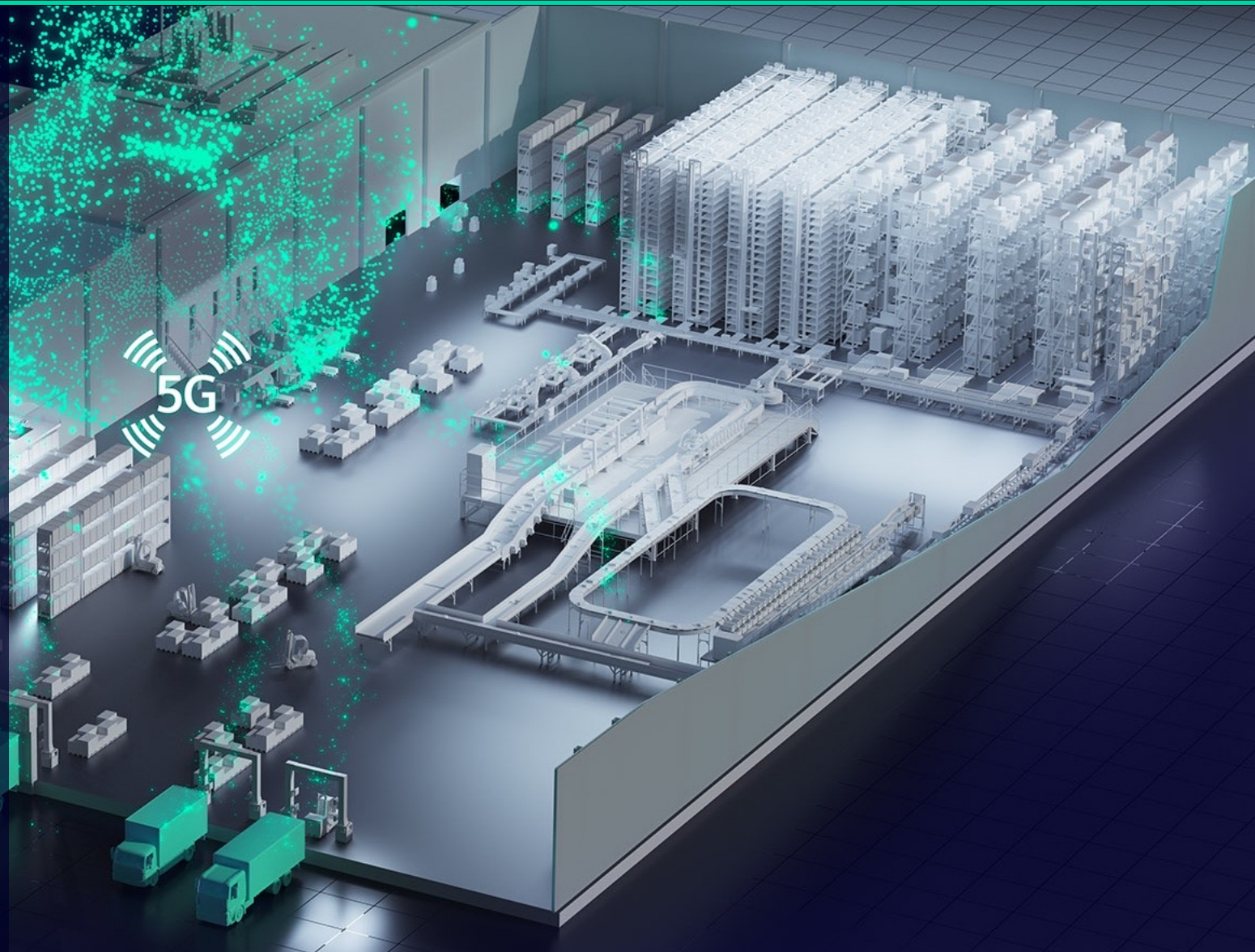


Longer maturities of battery-powered mobile vehicles thanks to energy efficient communication



[Website](#)

[Brochure/video](#)



Industrial Network Systems

Industrial Wireless LAN



Industrial Identification and Locating



Power Supply



Weighing Systems



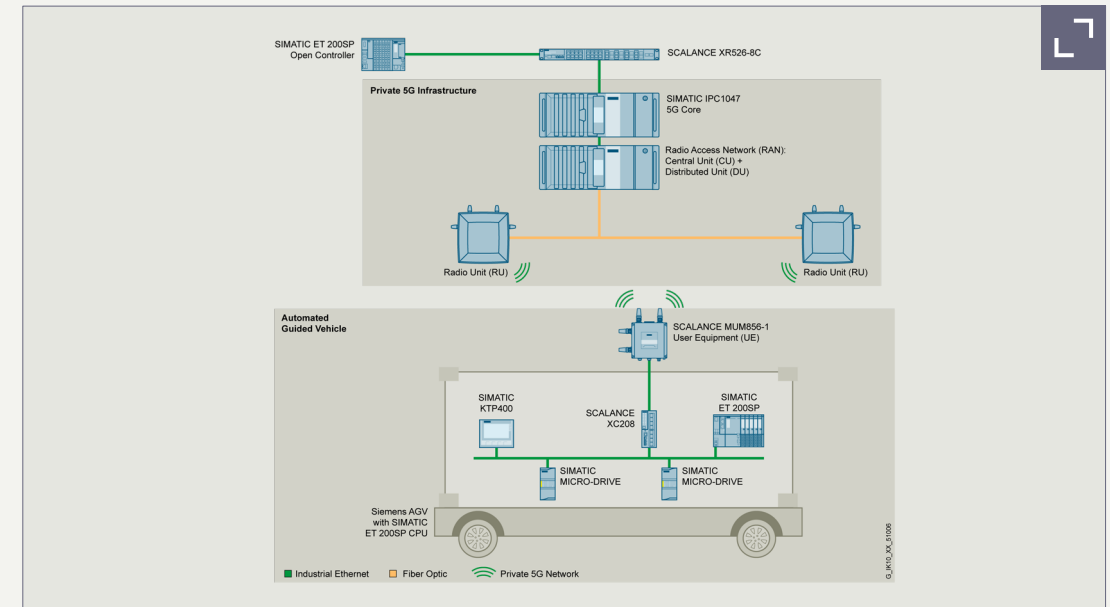
Industrial 5G

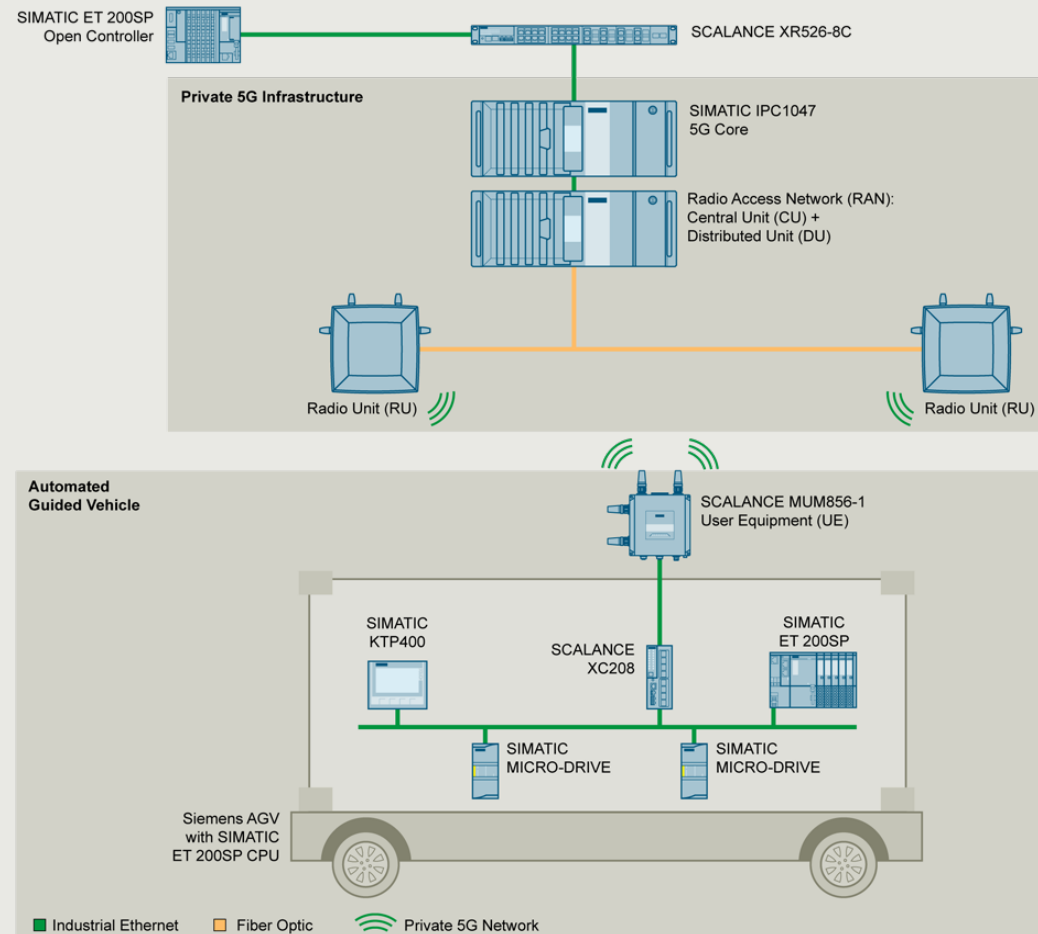
Flexible and reliable wireless communication

System tested end-to-end wireless communication solution for mobile applications in distribution- and warehouses

Connecting a large number of autonomous automated guided vehicles (AGVs) or automated mobile robots (AMRs) in a single network

Highest reliability with lowest latencies with Ultra-Reliable Low-Latency Communication





OT/IT Integration

Perfect interaction between OT and IT networks in logistics

Maximum availability guaranteed in a segmented and redundant network architecture from the machine to the cloud level with open standards for all major clouds



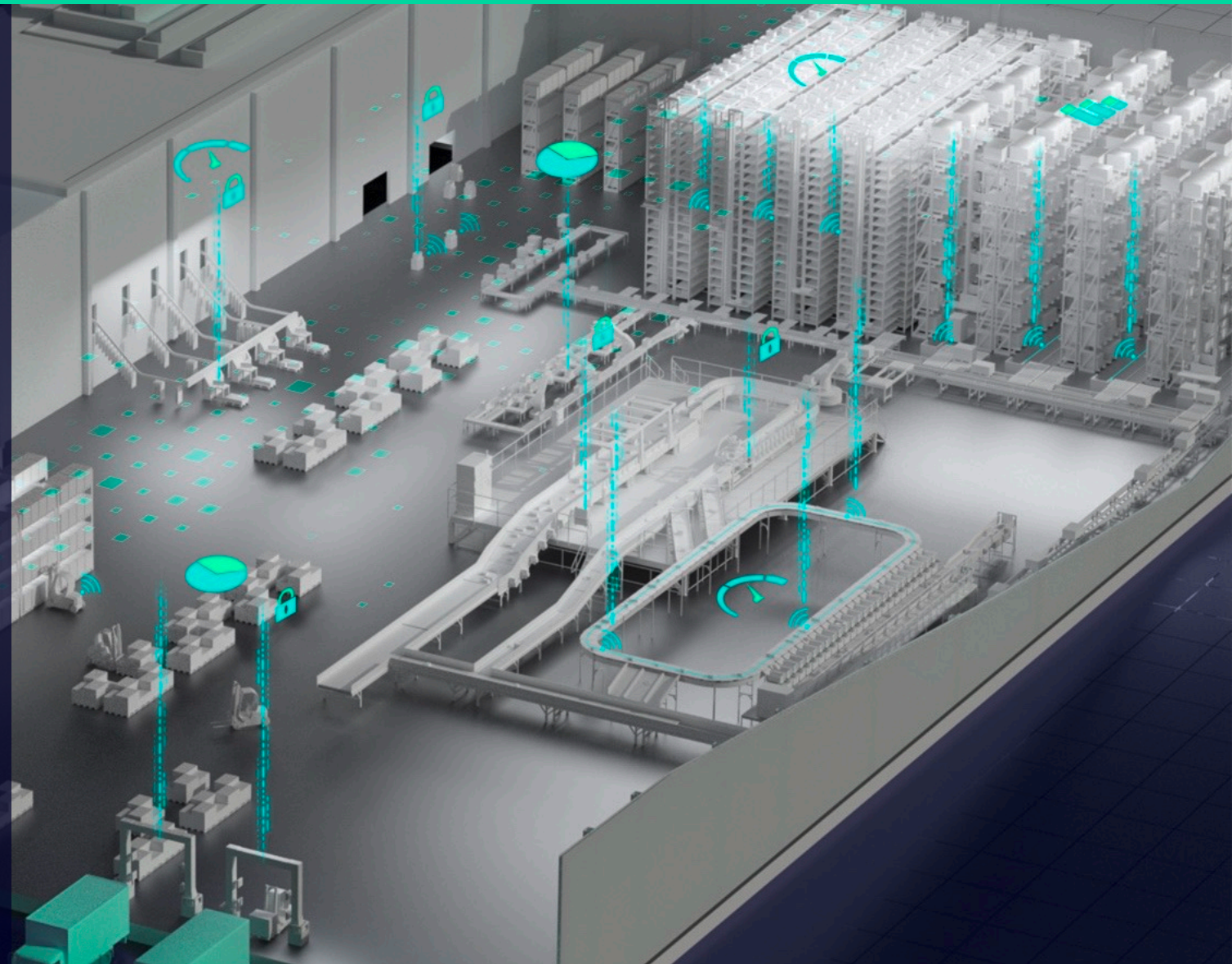
Highest security with multilevel protection concept using userbased and protocol-based access control to end systems of network cells



Minimal response times with cutting-edge network portfolio of robust hardware products with extended temperature range and different IP protection classes



[Website](#)



Industrial Network
Systems

Industrial
Wireless LAN



Industrial Identification
and Locating



Power
Supply



Weighing
Systems



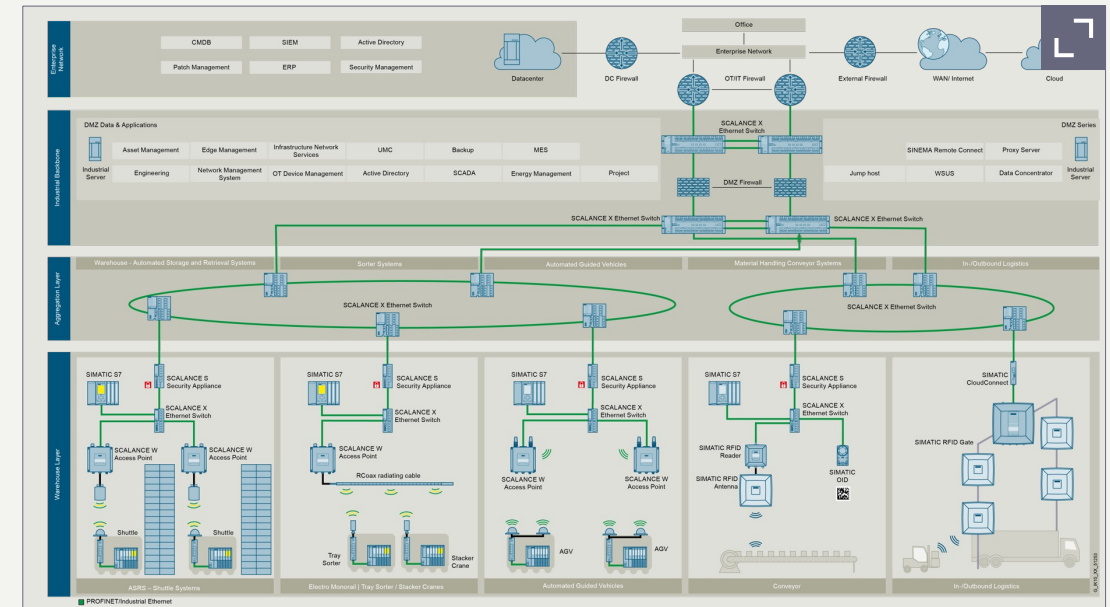
OT/IT Integration

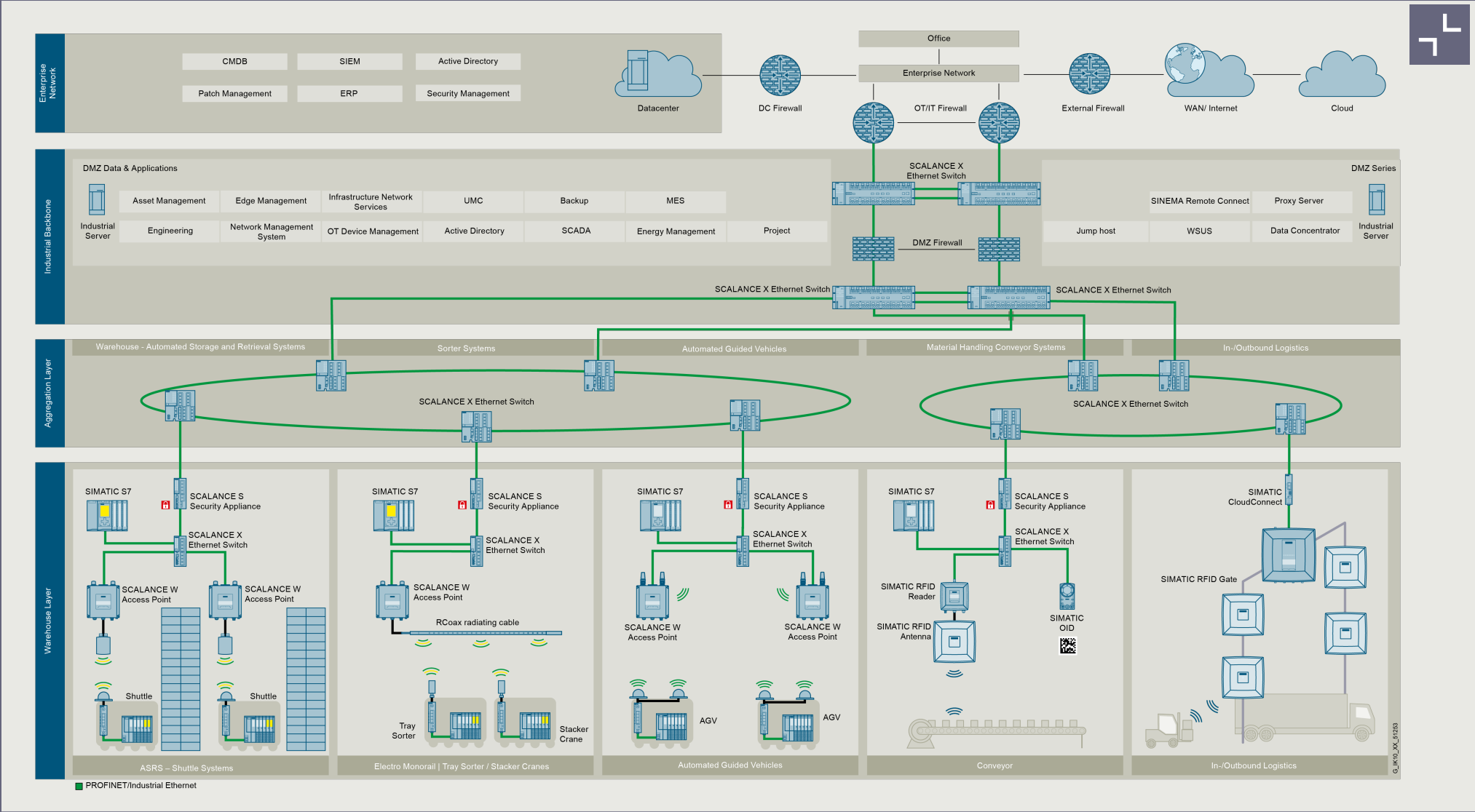
Perfect interaction between
OT and IT networks in logistics

SCALANCE products are part of Totally Integrated Automation, the industrial automation solution from Siemens stands for efficient interoperability of all automation and network related components

Complete tested and approved automation solution including industrial Ethernet from a single source

Investment protection by tested functional compatibility of successor products





SINEC NMS

Maximum transparency for
your warehouse network

Easy monitoring and diagnostic
with graphical representation and
topological recognition of the network
(24/7 visibility of network status)



Maximum transparency for industrial
network systems with automatic
documentation of the whole network



SINEC NMS manages efficiently
large-scale networks following
IEC 62443 security guidelines

[Website](#)[Brochure/video](#)

Industrial Network
Systems

Industrial
Wireless LAN



Industrial Identification
and Locating



Power
Supply



Weighing
Systems



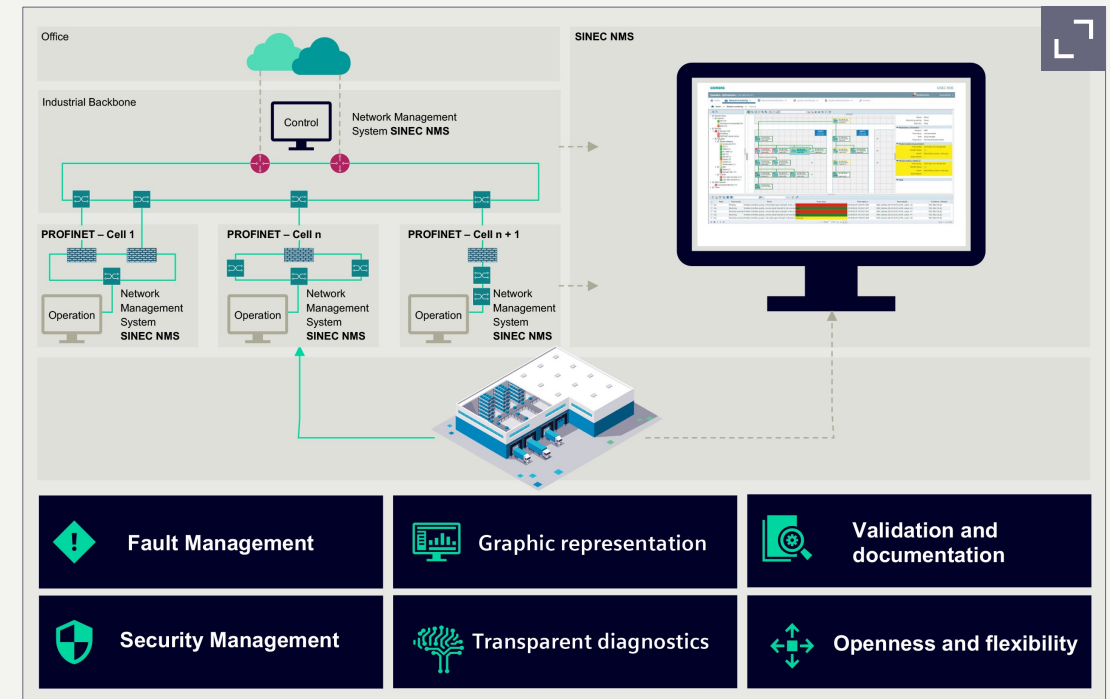
SINEC NMS

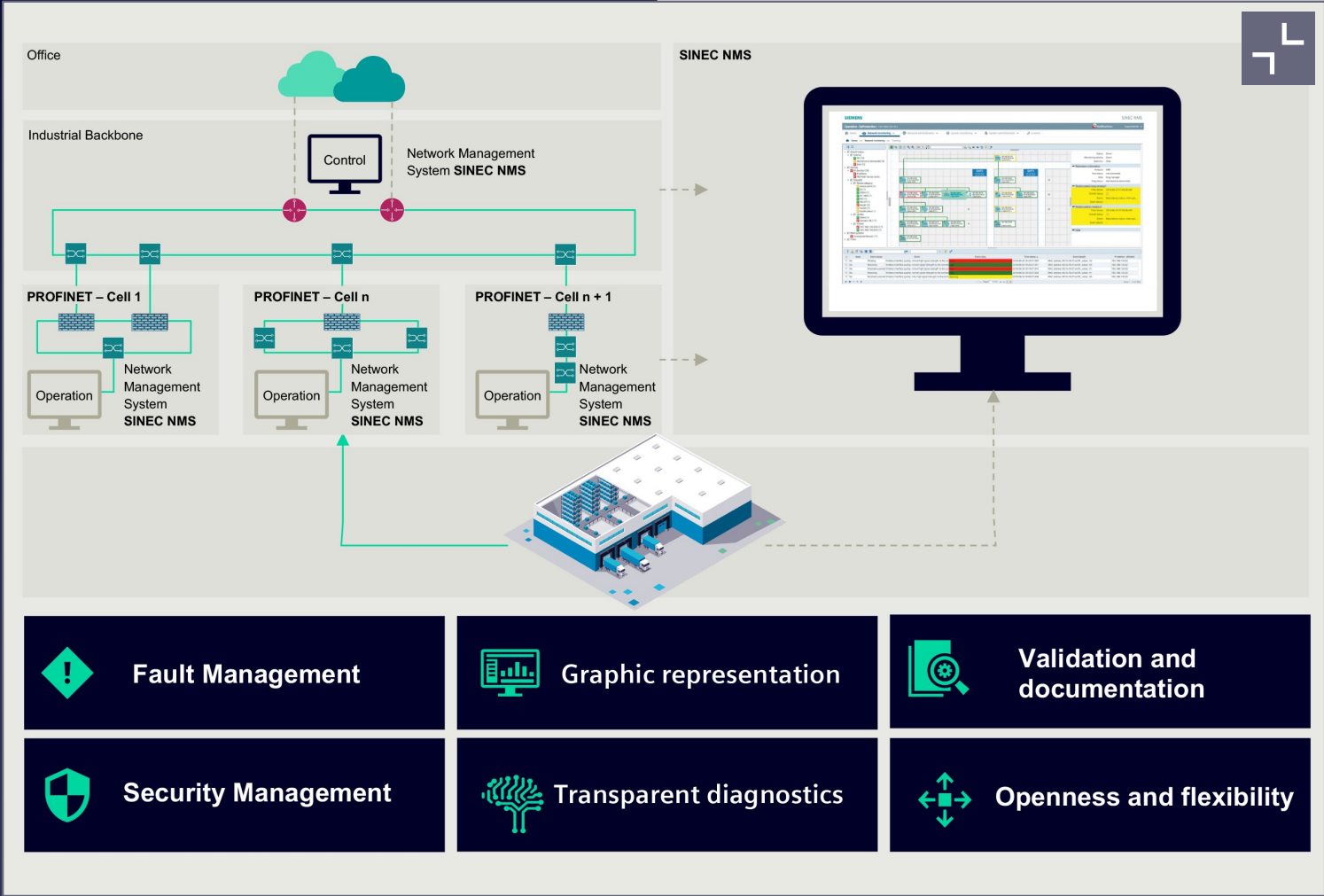
Time-saving management for warehouse network

Central policy based management ensures secure configuration backup and firmware updates

Manages entire network infrastructures for Siemens, partner and third-party devices at ease, onsite or remotely

Excellent scalability for any size of networks due to distributed architecture





Cybersecurity for Industry

Industrial Cybersecurity is essential for secure logistic processes

High Availability – Avoiding disturbances caused by attacks



Integrity – Reduction of malfunctions, production errors and downtimes



Confidentiality – Protection of confidential data, information and intellectual property

[Website](#)[Brochure/video](#)

Industrial Network
Systems

Industrial
Wireless LAN



Industrial Identification
and Locating



Power
Supply



Weighing
Systems



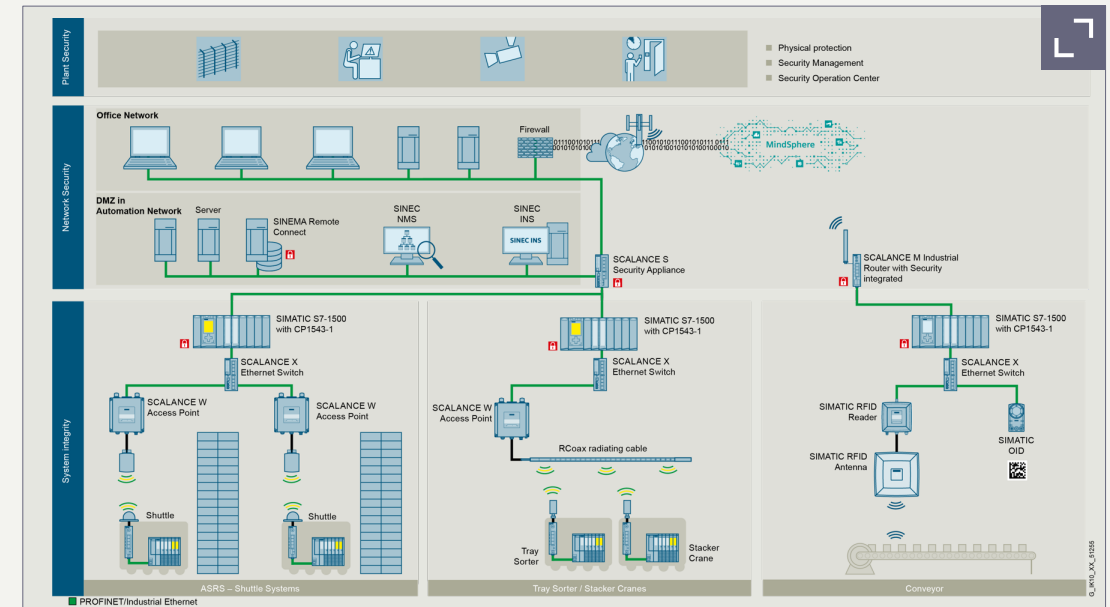
Cybersecurity for Industry

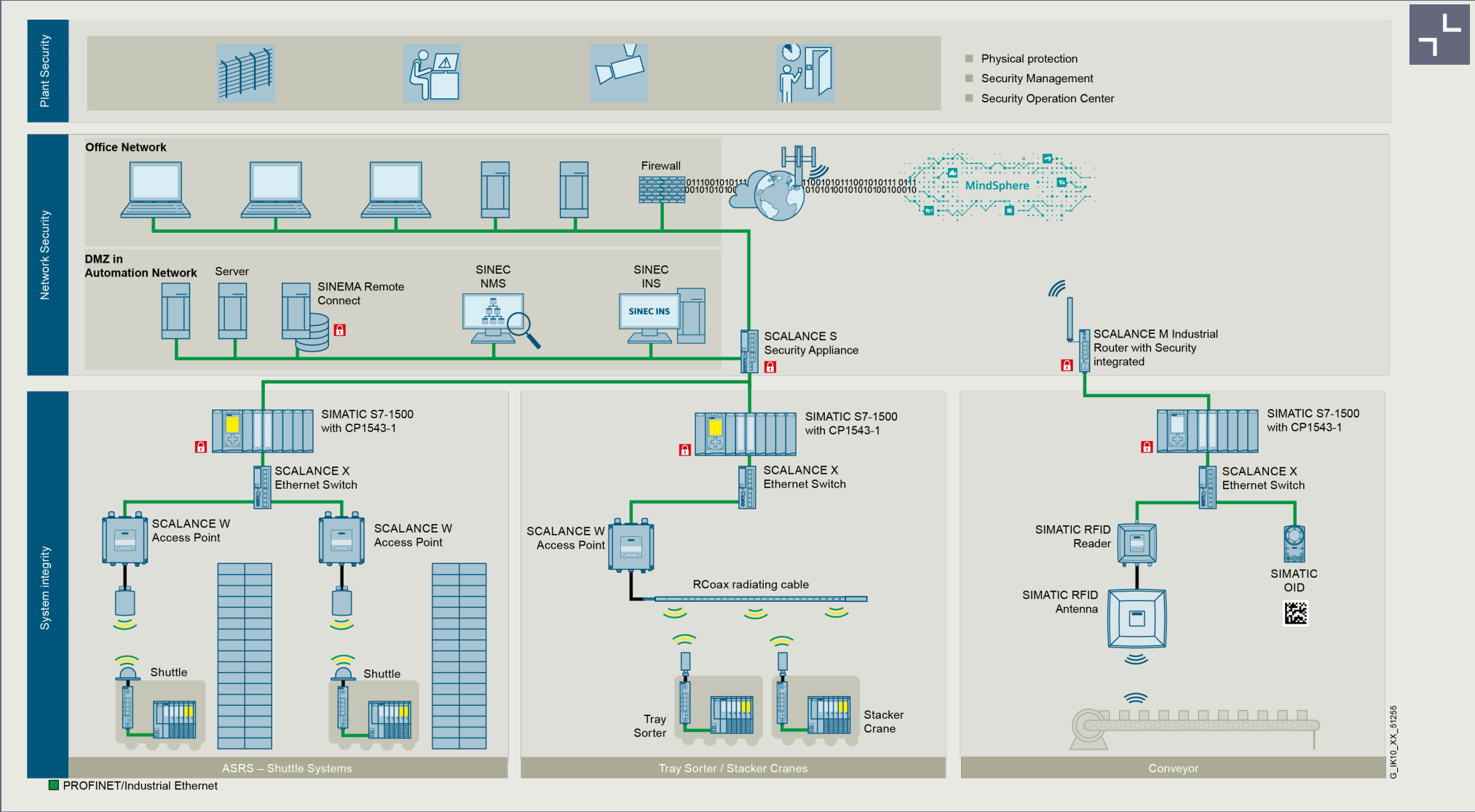
Protect the productivity and availability of your plant

High transparency via security threats in daily operation published / tracked by Siemens CERT over the lifecycle

High investment security through certified secure development Siemens products according to IEC 62443-4-1

Increased security level by comprehensive product and service offerings for secure OT network architectures for large distribution- und warehouses





SINEMA Remote Connect

Easy and secure remote access
for material handling systems

Cost saving thanks to easy integration
and connection of different machines
and plants using the central management
platform SINEMA Remote Connect



Time saving via fast remote access
without any special IT Knowledge



Highest security thanks to VPNs for
secured remote communications

[Website](#)[Brochure/video](#)[Sales promotion](#)

Industrial Network
Systems

Industrial
Wireless LAN



Industrial Identification
and Locating



Power
Supply



Weighing
Systems



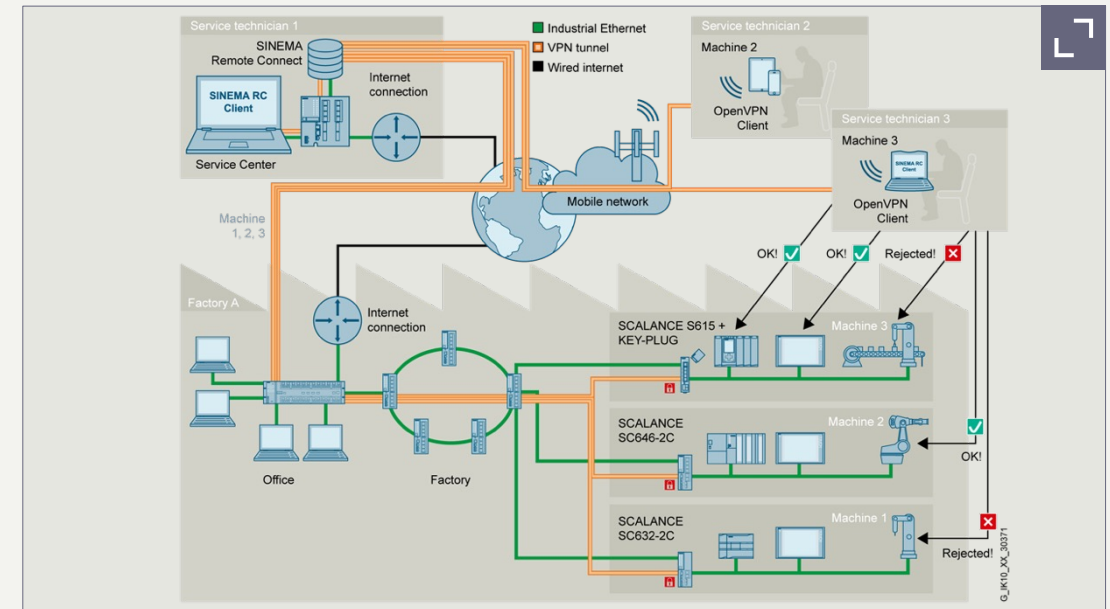
SINEMA Remote Connect

Flexible and secure remote access
for material handling systems

Secured access to remote automation cell via
web-based management or TIA Portal

Flexible media access from mobile wireless
networks up to private lines –
for every requirement the right device

High transparency thanks to central administration
of all user and device connections





Industrial Wireless LAN

New Technology
Industrial 5G

OT/IT Network
Integration

Network
Management

Cybersecurity for
Industry

Remote
Communication

Wireless Communication
Automated Guided
Vehicle (AGV)

Wireless Communication
Shuttle Systems

Wireless Communication
Stacker Cranes

Wireless Communication
Tray Sorter Systems

RFID Systems
In-/Outbound Logistics

RFID Systems
Conveyor Systems

Optical Code Reading
Conveyor Systems

RFID Systems
Pouch Sorter Systems

Machine Access
Control

RTLS Systems
Automatic Finding

RTLS Systems
Yard Management

RTLS Systems
Safety & Access Control

RTLS Systems
Paperless Warehouse

Location Intelligence
Software

Power Supply
Automated Guided
Vehicle (AGV)

Power Supply
Add-on modules

Weighing Systems
Conveyor Systems



Industrial Network
Systems

Industrial
Wireless LAN

Industrial Identification
and Locating

Power
Supply

Weighing
Systems

SCALANCE W

Future-Proof Industrial Network solutions enable efficiency

Save energy costs thanks to energy-optimized operations via digital output to remotely switch off all automation components



Fewer charging stations required in the warehouse by activating the sleep mode to eliminate energy consumption



Highest availability thanks to easy-to-use diagnostic functions e.g. integrated signal recorder

[Website](#)[Brochure/video](#)[Industrial Network Systems >](#)[Industrial Wireless LAN](#)[Industrial Identification and Locating >](#)[Power Supply >](#)[Weighing Systems >](#)

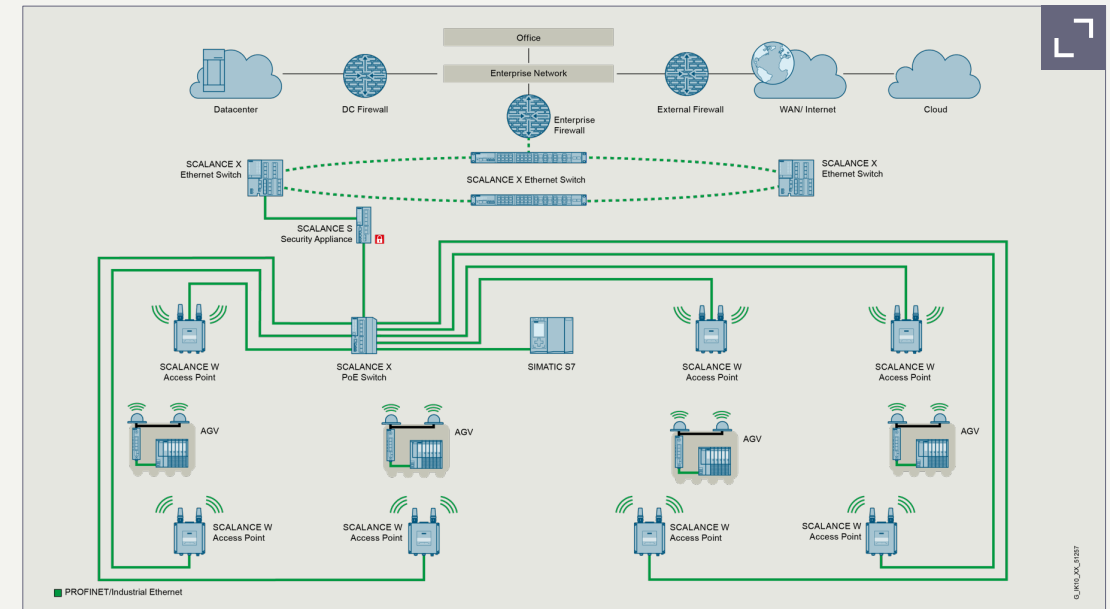
SCALANCE W

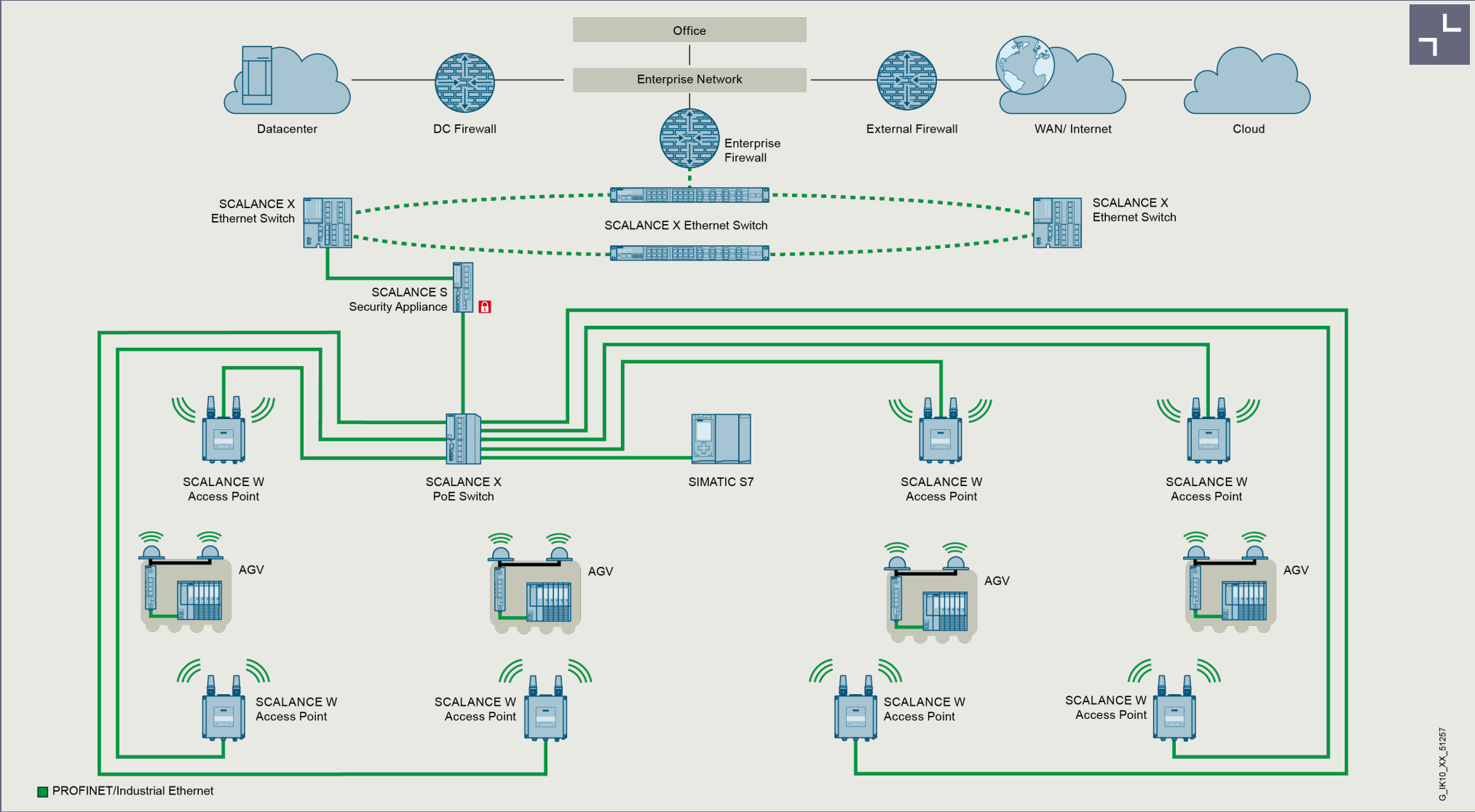
Future-Proof Industrial Network solutions enable efficiency

High flexibility in fulfilling customers wireless technology demands (**Wi-Fi 6/5G**) by leveraging same form factor and operating systems of SCALANCE W and SCALANCE M

Fast serviceability by non-specialized maintenance personnel with configurations saved on Configuration Plugs

Easy configuration and scalable commissioning thanks to a powerful toolbox (PRESET PLUG, TIA Portal, SINEC NMS, NAT functionality)





Industrial Network Systems >

Industrial Wireless LAN

Industrial Identification and Locating >

Power Supply >

Weighing Systems >

SCALANCE W

Flexible Industrial Wireless LAN solution for every shuttle concept

Higher throughput in storage and retrieval systems based on real-time communication thanks to Siemens [iFeatures](#)



Cost-effective and maintenance-free IWLAN solution as opposed to systems with contact conductors



Maximum availability due to smaller impact of maintenance with selective downtime of aisles or levels thanks to dedicated safety concepts based on iFeatures

[Website](#)[Brochure/video](#)[Industrial Network Systems >](#)[Industrial Wireless LAN](#)[Industrial Identification and Locating >](#)[Power Supply >](#)[Weighing Systems >](#)

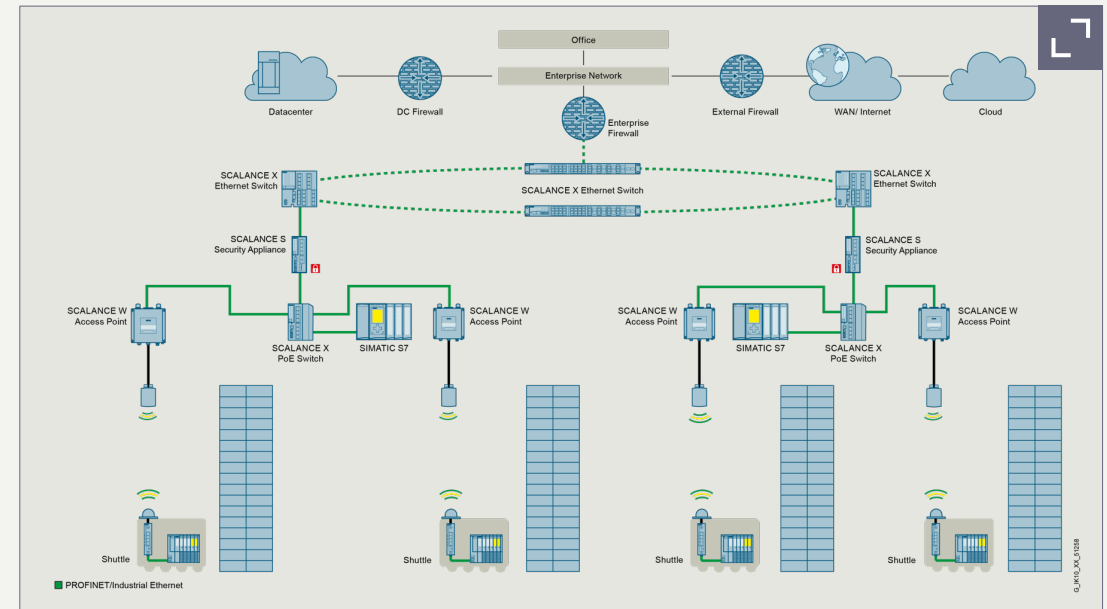
SCALANCE W

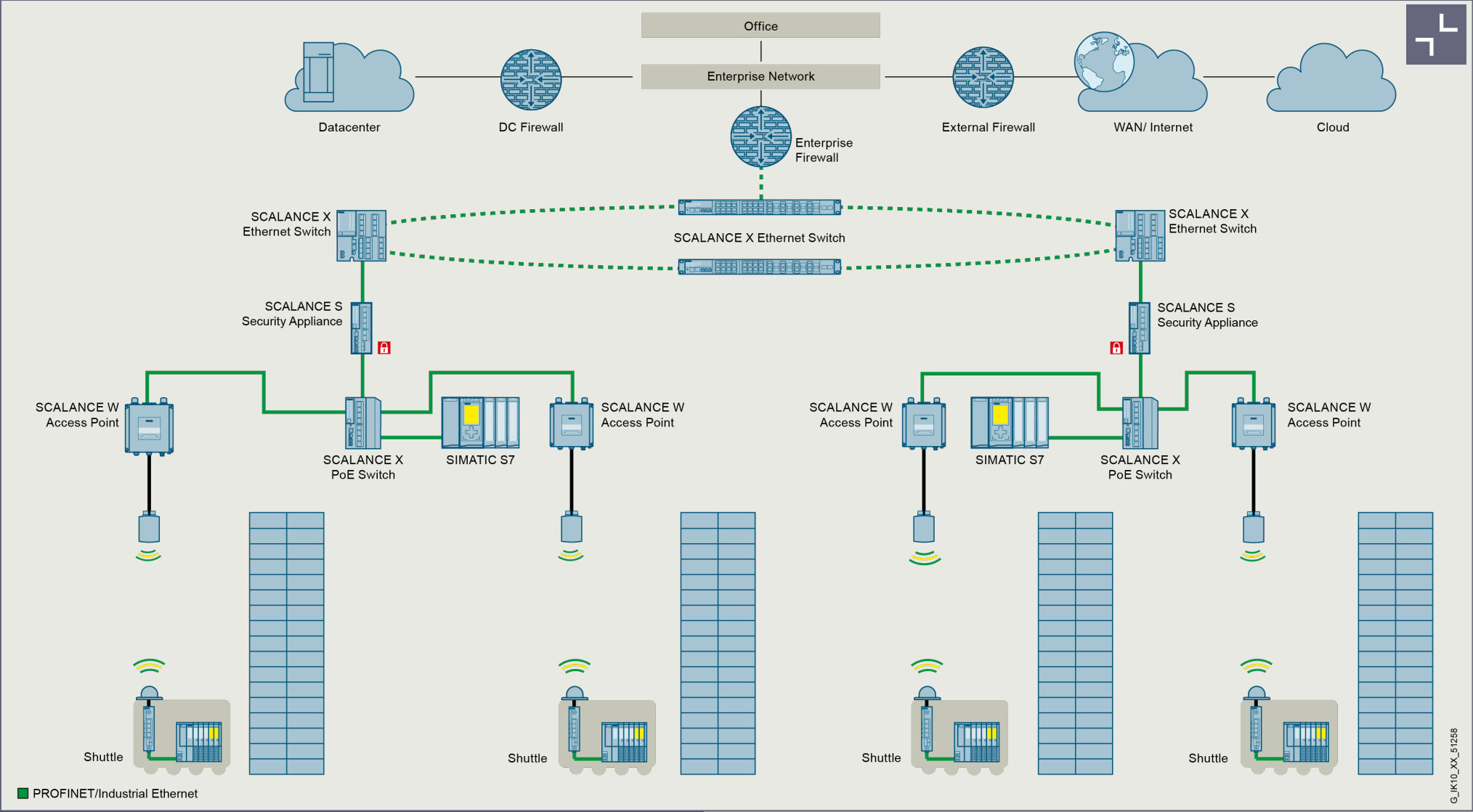
Flexible Industrial Wireless LAN solution for every shuttle concept

Highest stability of the wireless communication in challenging high bay storage environments thanks to Siemens iFeatures

Safe and selective maintenance of shuttles thanks to PROFINsafe applications enabled through real-time communication via iPCF

Policy based network configuration und central firmware management as well as diagnosis enabled by the network management system SINEC NMS





SCALANCE W

Industrial Wireless LAN for safe and reliable crane operation

High availability thanks to wear-free and robust contactless communication with a controlled and defined radio field along its route



Maintenance-free operation as opposed to optical systems or conductor lines



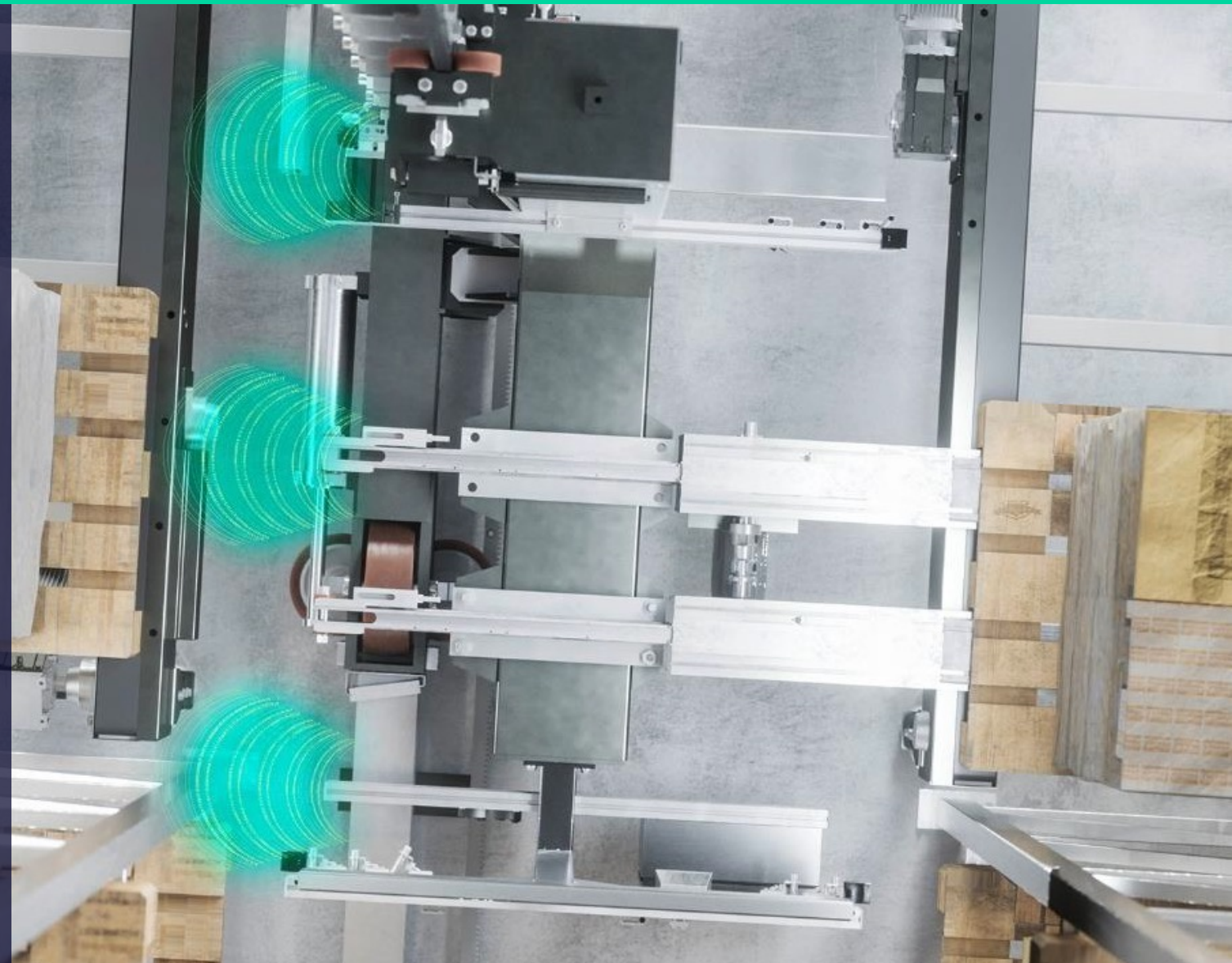
Highest availability thanks to easy-to-use diagnostic functions e.g. integrated signal recorder



Website



Brochure/video



Industrial Network Systems >

Industrial Wireless LAN

Industrial Identification and Locating >

Power Supply >

Weighing Systems >

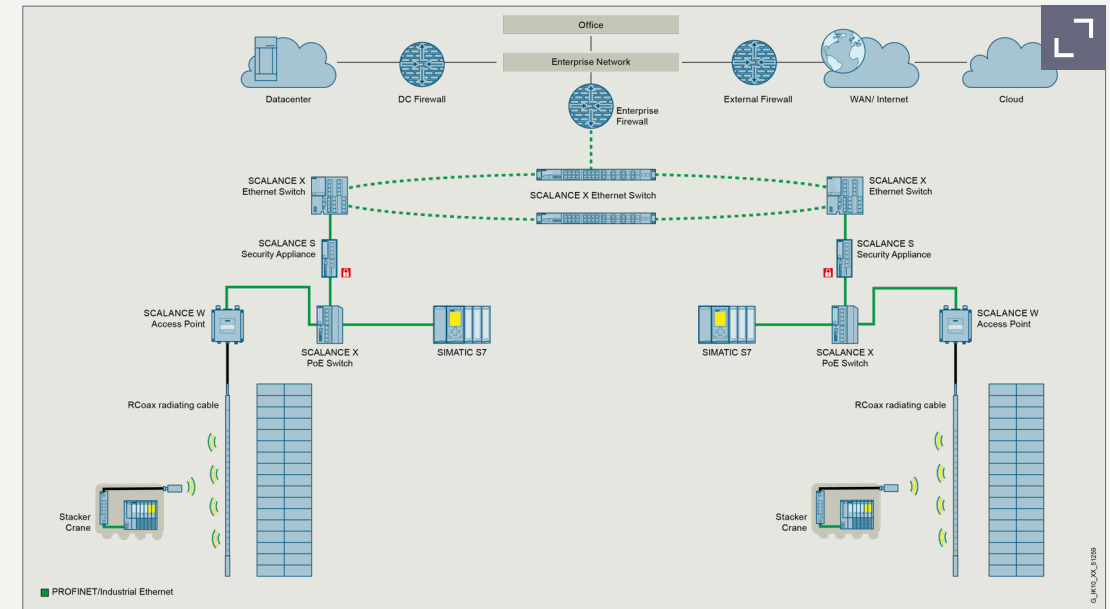
SCALANCE W

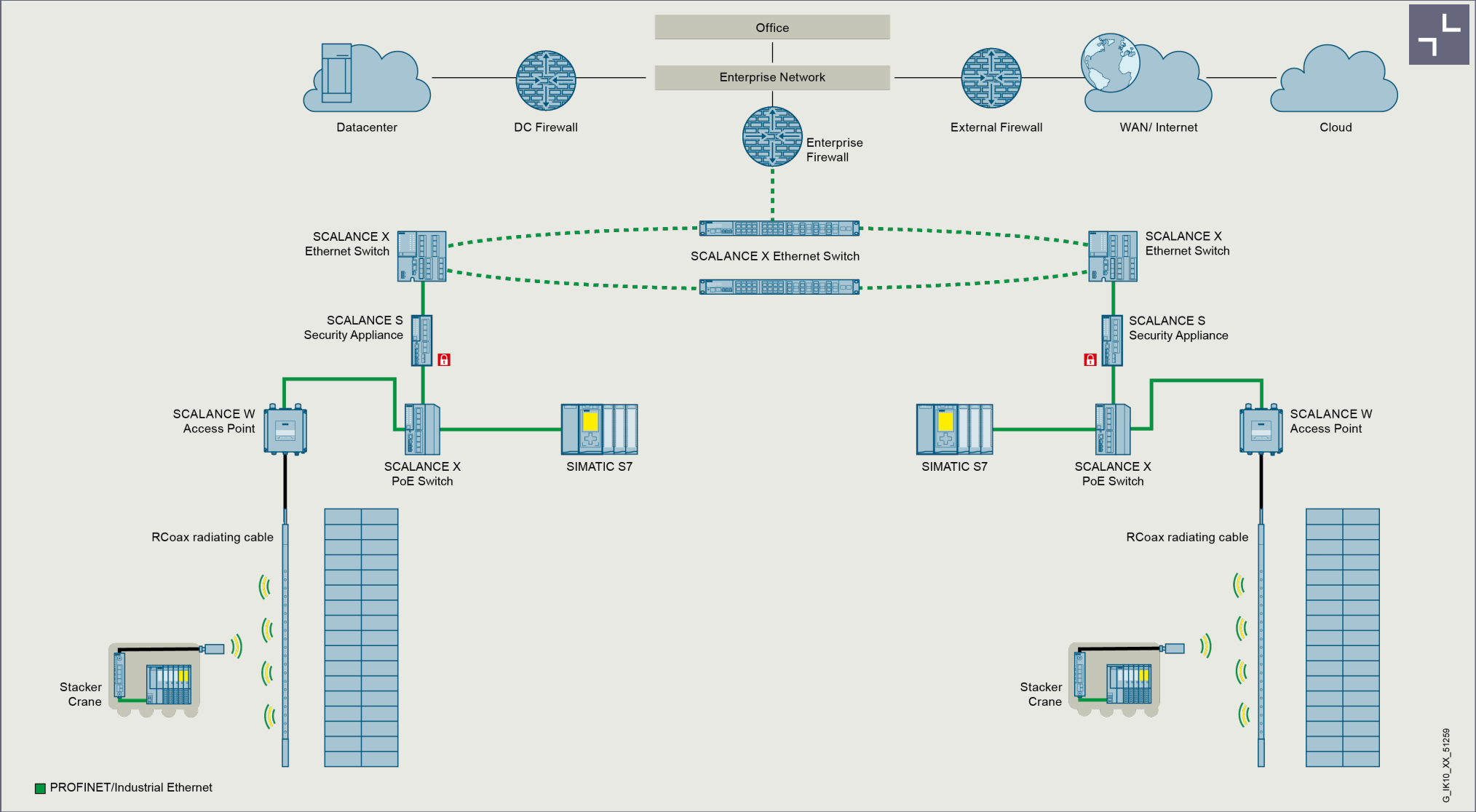
Industrial Wireless LAN for safe and reliable crane operation

Remote operation and remote diagnostics available thanks to high data rates over the newest wireless technology standard

Easy configuration and scalable commissioning thanks to a powerful toolbox (PRESET PLUG, TIA Portal, SINEC PNI)

Highest stability of the wireless communication in challenging environments thanks to Siemens iFeatures





SCALANCE W

Maintenance-free industrial wireless LAN solutions with RCoax

Less errors in sorting due to fast and reliable industrial wireless communication



Increased performance thanks to unique Siemens iFeatures securing real-time communication



Cost-effective due to maintenance-free RCoax cable solution as opposed to systems with conductor lines



Website



Brochure/video



Industrial Network Systems >

Industrial Wireless LAN

Industrial Identification and Locating >

Power Supply >

Weighing Systems >

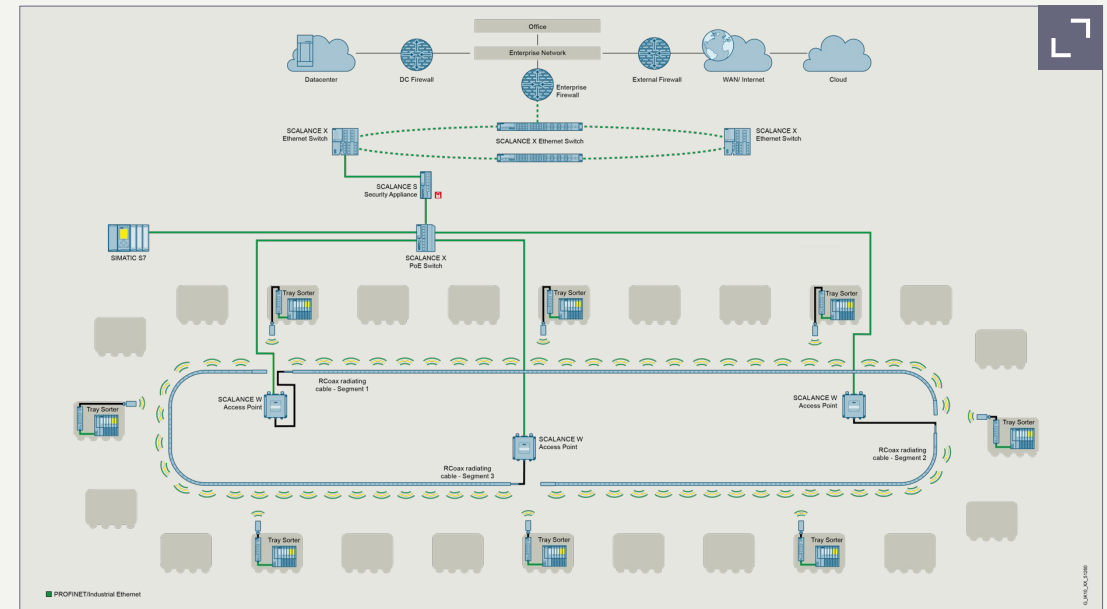
SCALANCE W

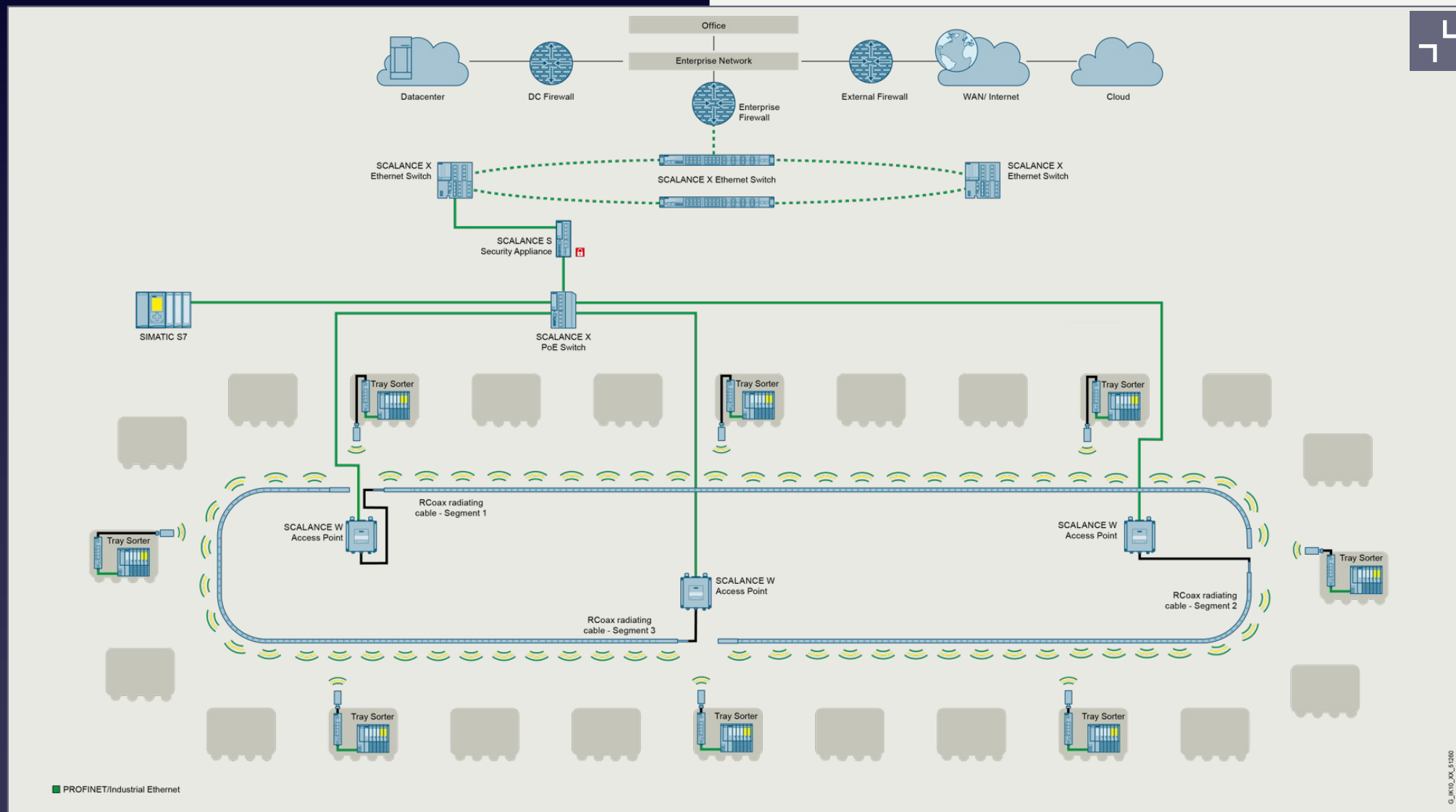
Maintenance-free industrial wireless LAN solutions with RCoax

Flexible installation with no need for long term preparation and time expensive infrastructure design

RCoax cable solutions are considerably more cost-effective compared to systems with high maintenance contact conductors and trailing cables

Real-time wireless communication with iPCF is fulfilling the requirements of the automation protocols (e.g. PROFINET or Ethernet/IP) in the sorting system





Industrial Identification and Locating

New Technology
Industrial 5G

OT/IT Network
Integration

Network
Management

Cybersecurity for
Industry

Remote
Communication

Wireless Communication
Automated Guided
Vehicle (AGV)

Wireless Communication
Shuttle Systems

Wireless Communication
Stacker Cranes

Wireless Communication
Tray Sorter Systems

RFID Systems
In-/Outbound Logistics

RFID Systems
Conveyor Systems

Optical Code Reading
Conveyor Systems

RFID Systems
Pouch Sorter Systems

Machine Access
Control

RTLS Systems
Automatic Finding

RTLS Systems
Yard Management

RTLS Systems
Safety & Access Control

RTLS Systems
Paperless Warehouse

Location Intelligence
Software

Power Supply
Automated Guided
Vehicle (AGV)

Power Supply
Add-on modules

Weighing Systems
Conveyor Systems



Industrial Network
Systems

Industrial
Wireless LAN

Industrial Identification
and Locating

Power
Supply

Weighing
Systems

SIMATIC RF600

Scalable identification system for supply-chain solutions

Optimized material flow and automated data acquisition with comprehensive and scalable industrial identification portfolio



Maximum transparency from shop floor to cloud thanks to seamless integrated communication and security solutions



Future-proofed portfolio of robust hardware – products and efficient software tools ensure highest efficiency

[Website](#)[Brochure/video](#)[Sales promotion](#)[Industrial Network Systems](#) >[Industrial Wireless LAN](#) >[Industrial Identification and Locating](#)[Power Supply](#) >[Weighing Systems](#) >

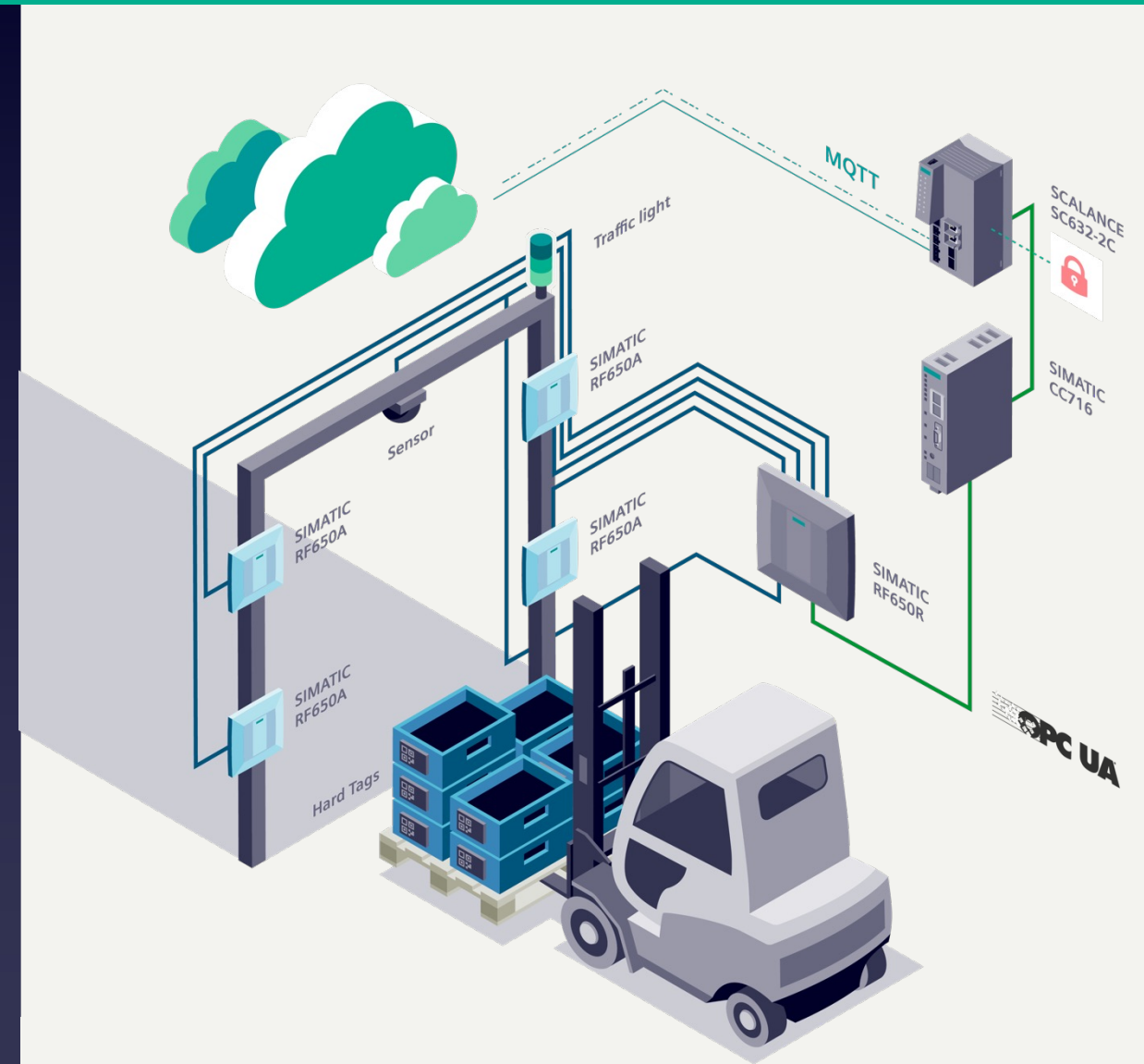
SIMATIC RF600

Improved visibility of product and item information

RFID technology enhance the effortless and seamless tracking of moving products and items along the supply chain significantly

Accelerated material flow, forecasts and schedules with real-time data information about assets and item movements

High failure prevention due to automatic detection which ensure instant visibility and end-to-end traceability



SIMATIC RF600

Innovative identification system
for optimized material flow

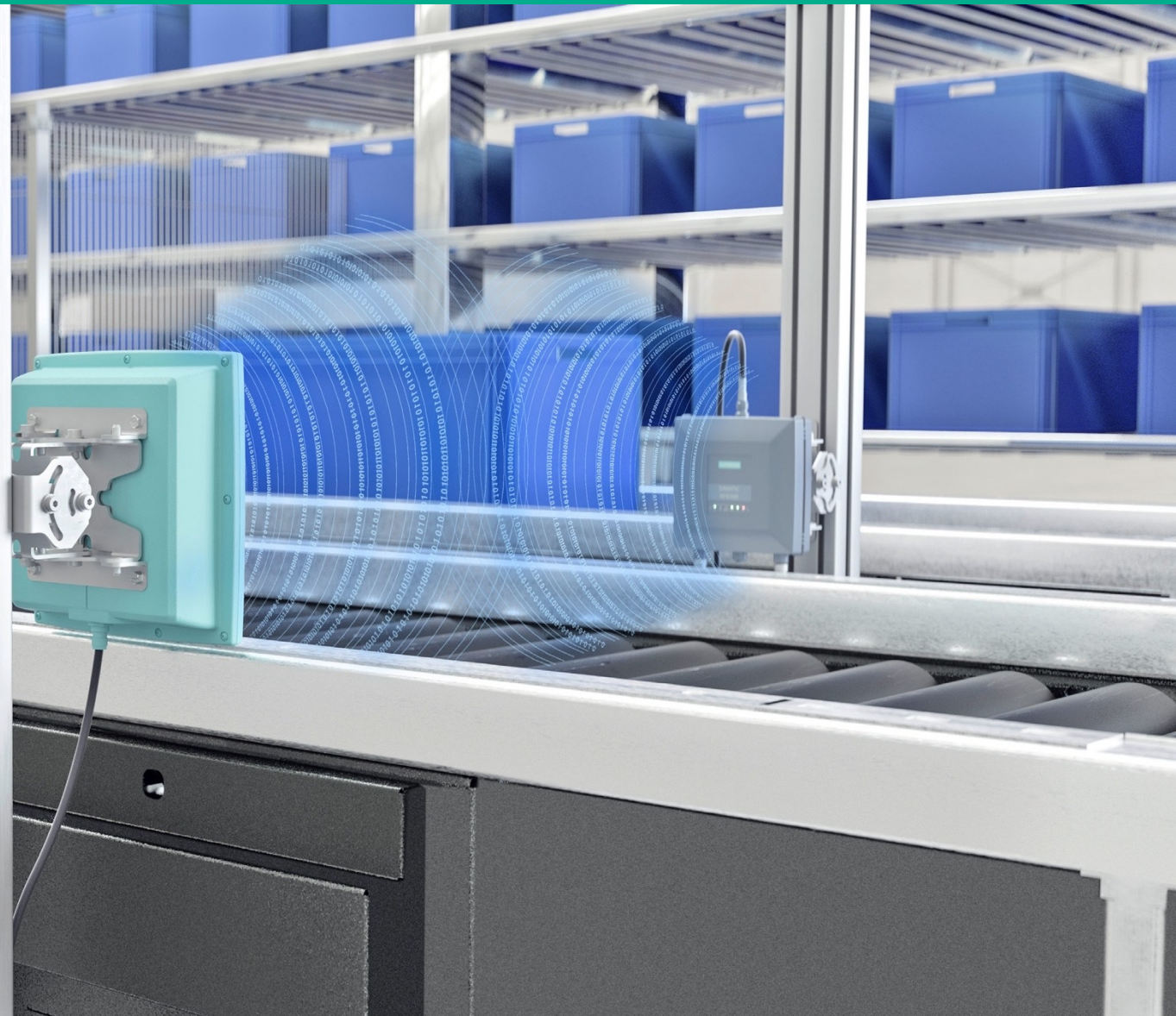
Proven “UHF for Industry” algorithms
ensure reliable identification of products
and assets at all stages in your material
handling process



Cost-efficient and scalable reader
portfolio, modular antennas and large
transponder selection



Maximum efficiency in integration
thanks to simple cloud connection via
OPC UA

[Website](#)[Brochure/video](#)[Sales promotion](#)[Industrial Network
Systems](#) >[Industrial
Wireless LAN](#) >**Industrial Identification
and Locating**[Power
Supply](#) >[Weighing
Systems](#) >

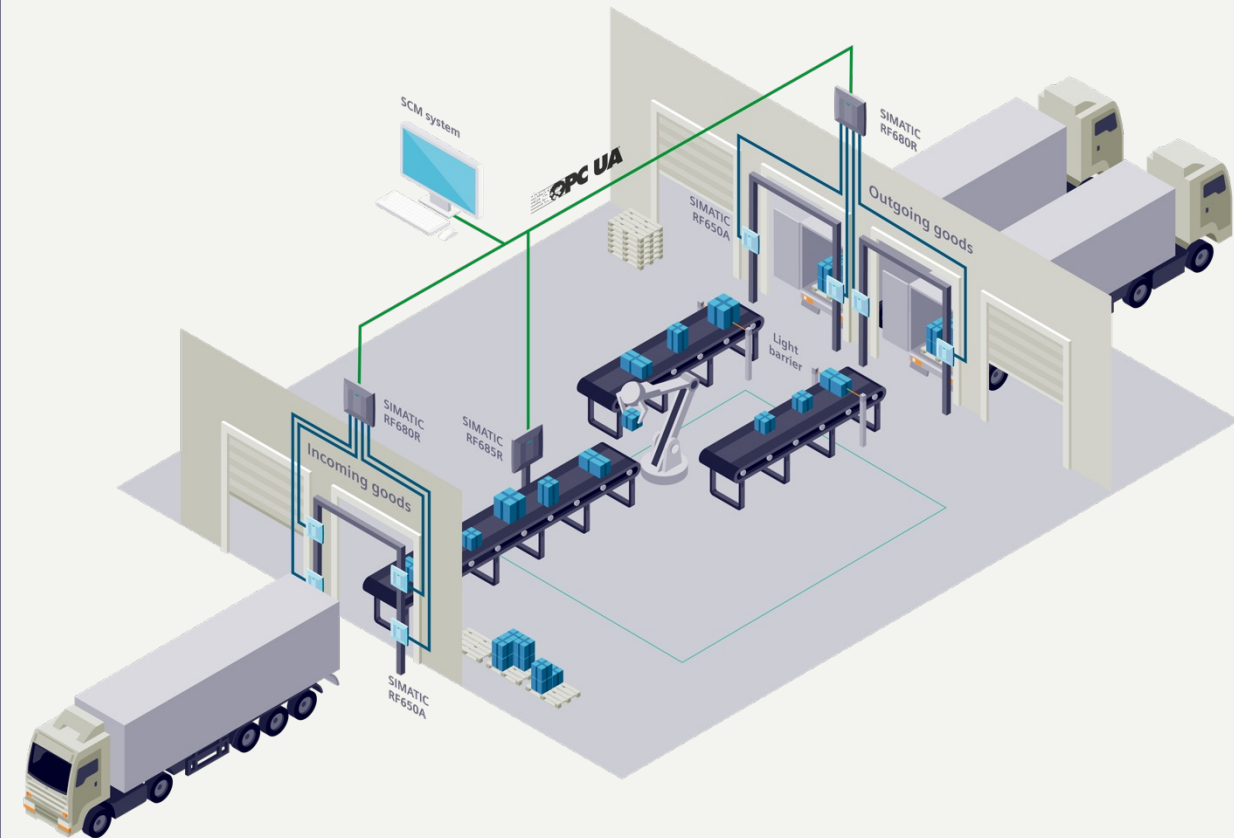
SIMATIC RF600

Enhanced productivity and optimized routing of deliveries

Sorting processes can be optimized faster and more ease without higher-level systems thanks to the directly stored information on the RFID-transponders

Improvement of sorting processes by RFID technology increasing material flow performance thanks to minimum no-reads

Simplified outbound processes enable the capture of errors at the carton level in-time before the assembling and shipping process of pallets



SIMATIC MV500

Powerful code reading system
for transparent logistic processes

Best-in-class reading results in dynamic
read distances with electronic focus and
automated, switchable light segments



Secure and reliable connection to cloud
applications thanks to TIA integration



Easy-to-use with one-click configuration
for network connection and code reading
parametrization



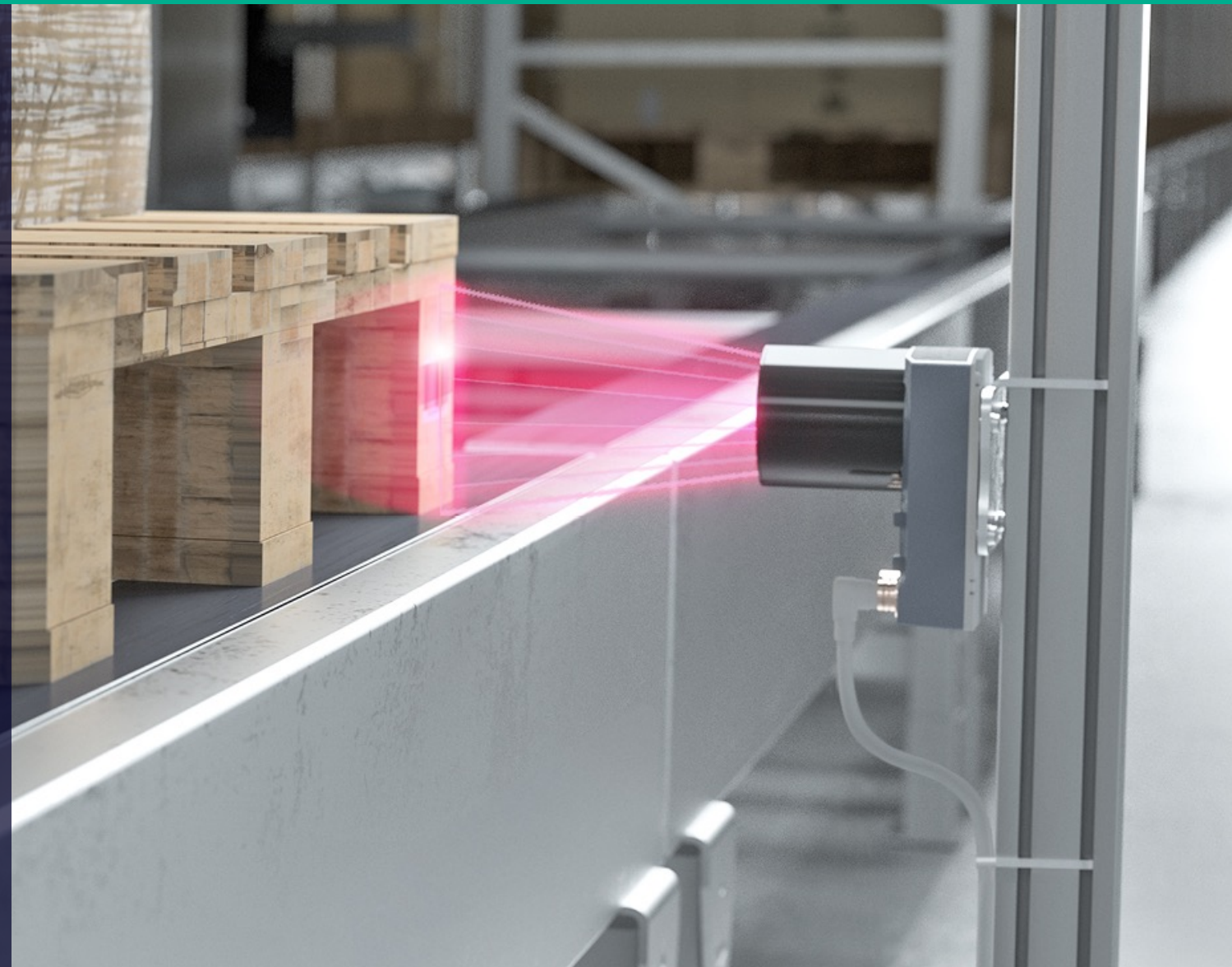
Website



Brochure/video



Sales promotion



Industrial Network
Systems >

Industrial
Wireless LAN >

Industrial Identification
and Locating

Power
Supply >

Weighing
Systems >

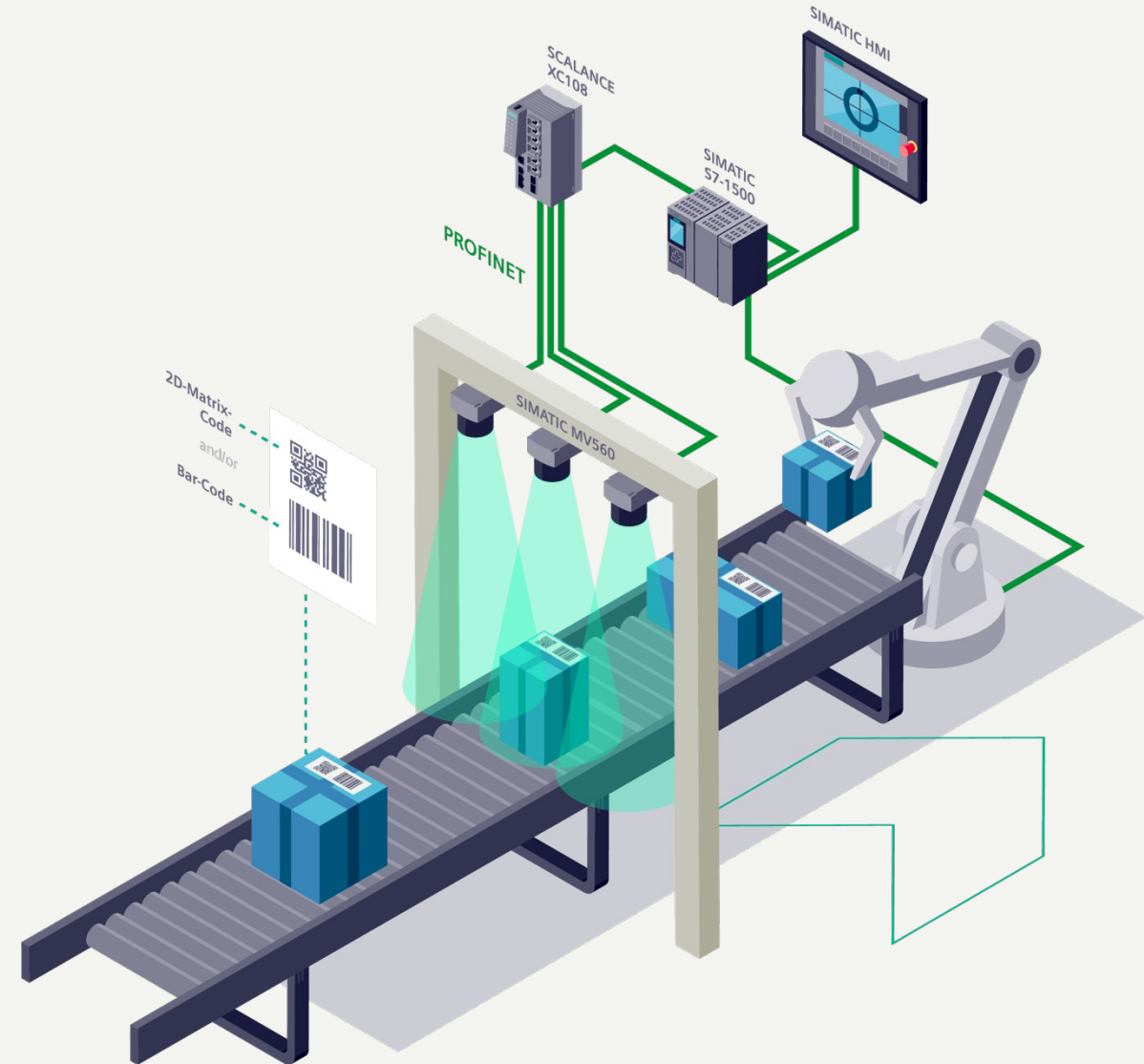
SIMATIC MV500

Standardized and integrated industrial proven components

Increased performance and flow-rate through image-based readers which are decoding challenging 1D and 2D codes accurately and quickly in distribution centers

Reliable operation thanks to powerful code reading systems with industrial proven protection factor

High efficiency in reduction of maintenance costs thanks to intelligent and secured remote support and services



SIMATIC RF300

Industrial identification system ensures maximum transparency

High economic efficiency with scalable, robust and compact readers ensure seamless tracking of logistics processes



Seamless integration from the field and control levels up to cloud-based solutions by using scalable interface modules



Highly efficient configuration, commissioning and diagnostics by using the unique “IDENT” technology object in TIA Portal

[Website](#)[Brochure/video](#)[Sales promotion](#)[Industrial Network Systems >](#)[Industrial Wireless LAN >](#)[Industrial Identification and Locating](#)[Power Supply >](#)[Weighing Systems >](#)

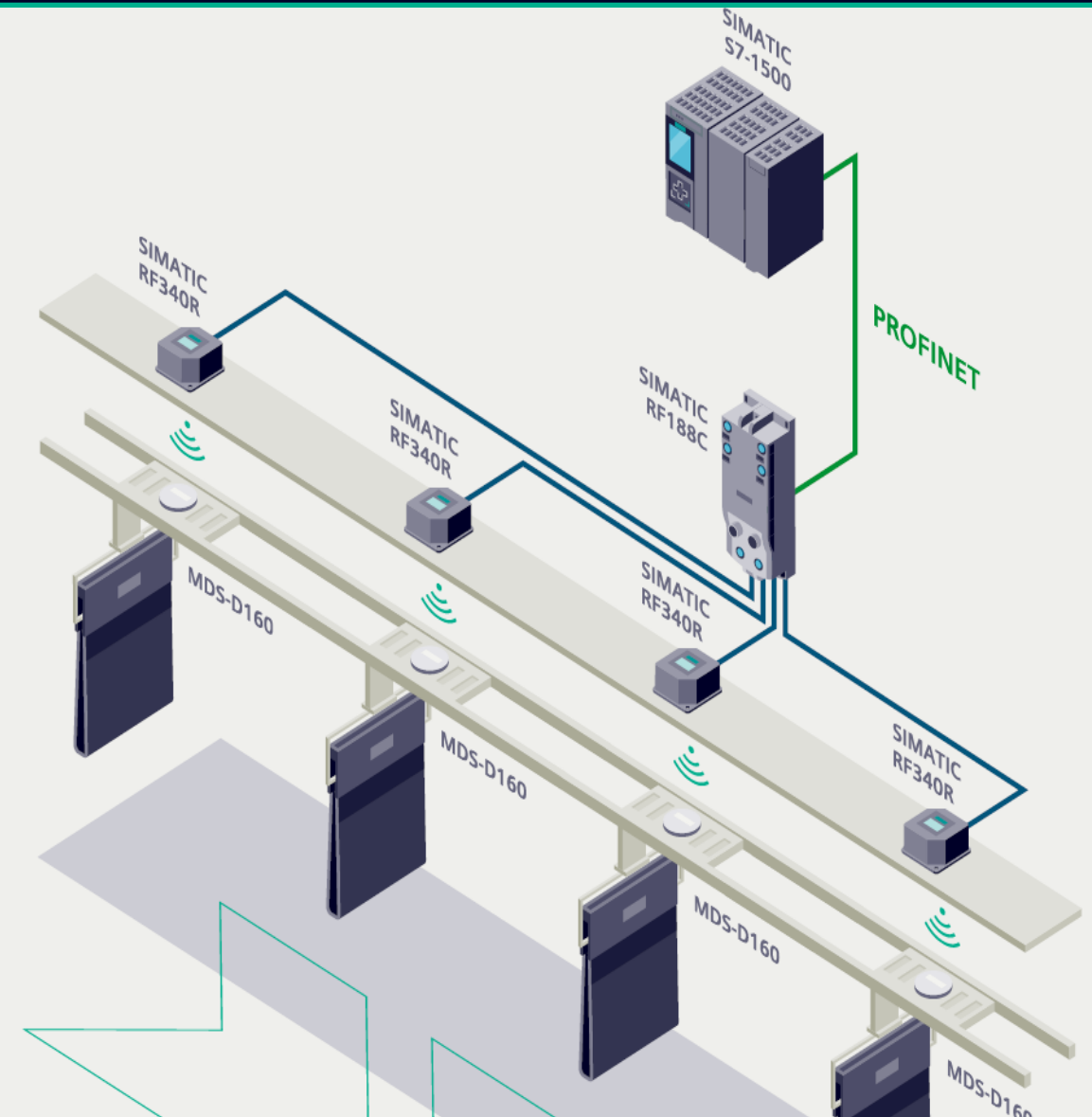
SIMATIC RF300

Efficient sorting through automatic mapping

Sorting processes can be optimized faster and more ease without higher-level systems thanks to the directly stored information on the RFID-transponders

Maintenance-free and reliable operation thanks to robust contactless RFID identification system without visual contact

Highly efficient identification system to store, transport, sort and sequence items in pouches and hooks



SIMATIC RF1000

Electronic access control for secured machine operations

Controlled machine access:
Traceability of access and changes



Individual control of access rights
enable a definition of any number of
user groups with different access rights



User-friendly operation integrated
in the company-wide industrial security
concept

[Website](#)[Brochure/video](#)[Sales promotion](#)[Industrial Network
Systems](#) >[Industrial
Wireless LAN](#) >**Industrial Identification
and Locating**[Power
Supply](#) >[Weighing
Systems](#) >

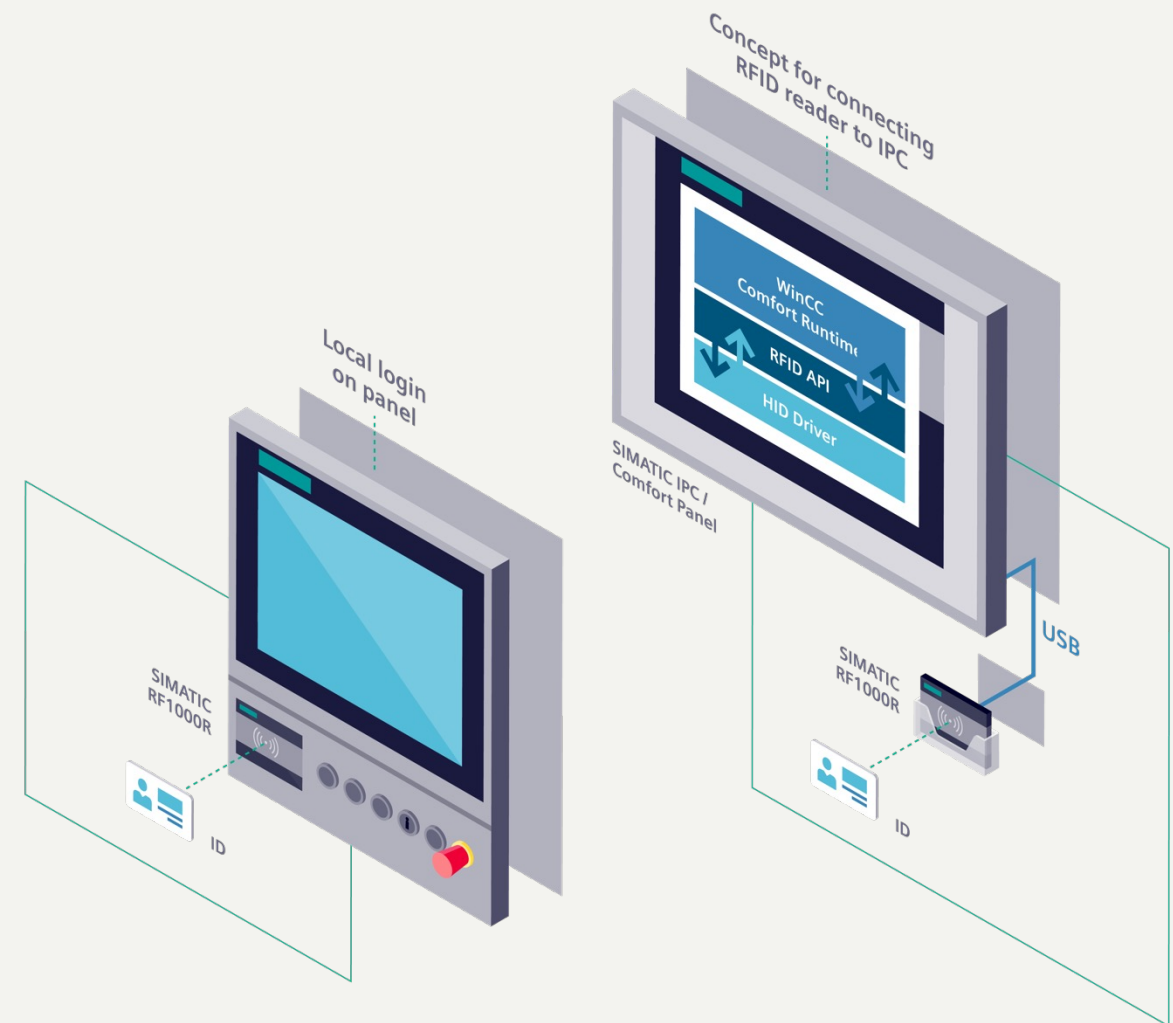
SIMATIC RF1000

Efficient and secured access control to process areas

Individual control of access rights using existing employee ID cards

Secured and documented access to material handling systems prevents operating errors

Enables documentation of processes and storage of user-specific instructions



SIMATIC RTLS

Full product tracking in real-time
leads to maximized productivity

Increased efficiency due to reduction of
search times with high accuracy of real-
time locating data within centimeters



Identification of bottlenecks enables
an optimization of material flows and
individual orders



High transparency ensures seamless
tracking In- and Outdoor

[Website](#)[Brochure/video](#)

Industrial Identification
and Locating

Industrial Network
Systems



Industrial
Wireless LAN



Power
Supply



Weighing
Systems



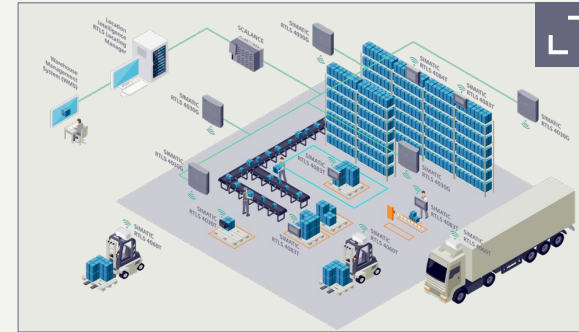
SIMATIC RTLS

Optimized and automated processes in the warehouse

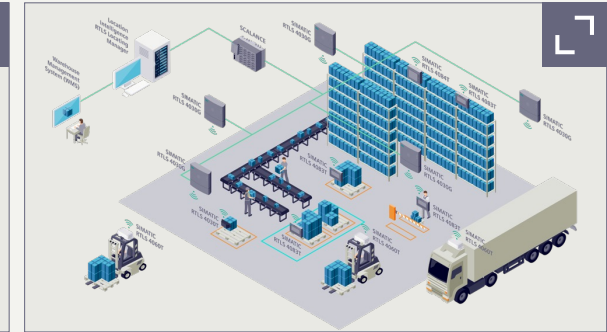
Efficient productivity due to reduced search times enabled by real-time locating data and the integration of search functions in the location intelligence software

High automation rate due to fast implementation of automatized processes possible by virtual geofence-based events

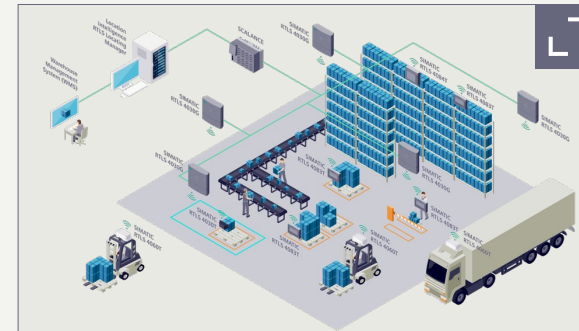
Fast improvement of quality management on the base of geofences enabled by automatization of error messages in case of wrong assignments of partial orders



Use Case 1: Reduction of Search and Downtimes



Use Case 2: Automation of Transport Processes



Use Case 3: Improving QM and Prevention









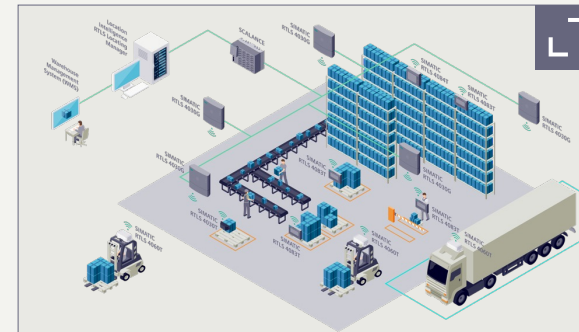
SIMATIC RTLS

Real-time logistic management

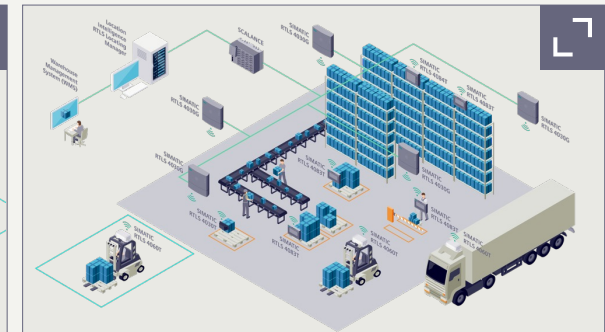
High product box standard thanks to protection class IP65 of transponder and gateways enable an ease and seamless real-time tracking in- and outdoor

Ensuring a complete and transparent overview of the material flows on entire yard without any restriction

Optimized throughput and reduction of idle times by generating automated pickup notes based on geofence events



Use Case 4: Real-time Yard Management



Use Case 5: Real-time locating In- and Outdoor







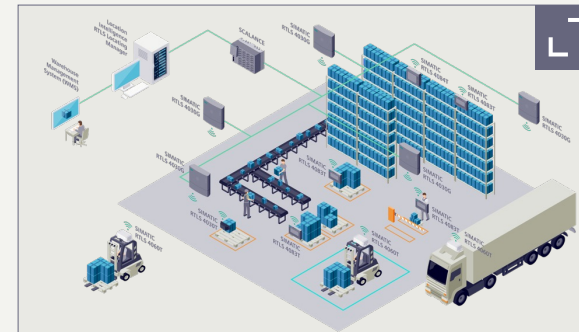
SIMATIC RTLS

Route optimization and automatized access control

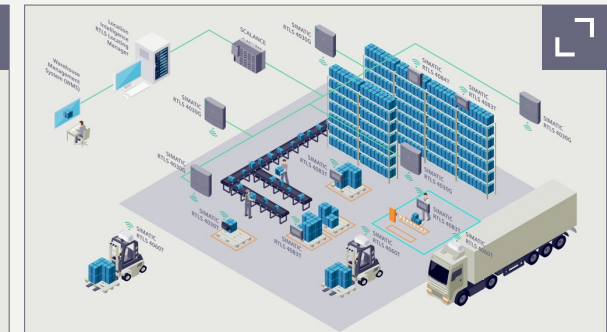
Optimization of routes and avoidance of bottlenecks by quick and strategic analysis of movement data

Higher security standards by implementing defined access controls induced by connecting real-time location data and events of the locating intelligence software

Improvement of pedestrians or objects safety by initializing an alarm in case the distance of the forklift driver is below safety distance (zero harm culture)



Use Case 6: Route Optimization



Use Case 7: Safety and Access Control







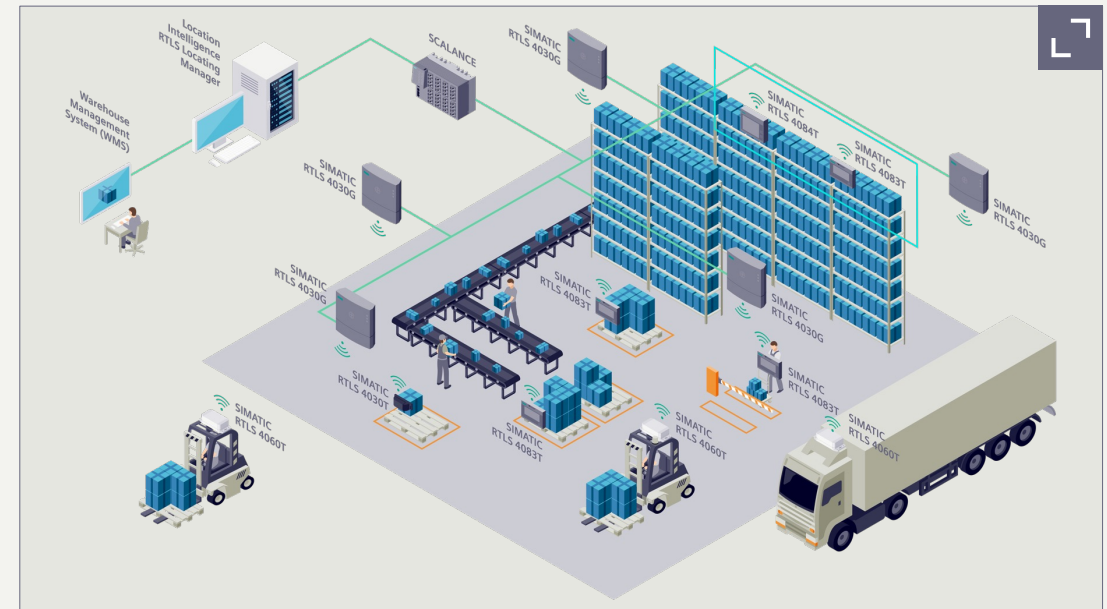
SIMATIC RTLS

Paperless warehouse

Innovative e-paper transponders allow the reduction of paper consumption, foster sustainability and resource efficiency by replacing traditional, printed accompanying papers

High flexibility by customized and individual paperless work instructions that are directly displayed and updated on the e-Ink display depending on position and object

Reduced maintenance effort due to use case optimized battery management and according status notifications



Use Case 8: Paperless warehouse





Full transparency

Digital twin of performance:
Visualize what is already known



Anomaly detection

Real-time analytics:
Understand the status and get aware of anomalies



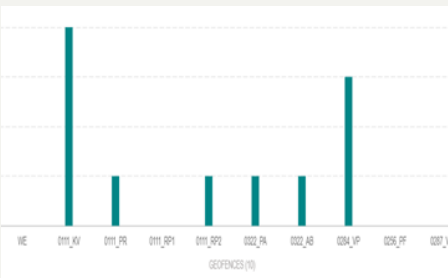
Optimization

Optimization toolset:
Optimize the processes to avoid future anomalies



Analytics Highlight Features

Geofence analytics



Throughput analytics



Heatmap



Power Supply

New Technology
Industrial 5G

OT/IT Network
Integration

Network
Management

Cybersecurity for
Industry

Remote
Communication

Wireless Communication
Automated Guided
Vehicle (AGV)

Wireless Communication
Shuttle Systems

Wireless Communication
Stacker Cranes

Wireless Communication
Tray Sorter Systems

RFID Systems
In-/Outbound Logistics

RFID Systems
Conveyor Systems

Optical Code Reading
Conveyor Systems

RFID Systems
Pouch Sorter Systems

Machine Access
Control

RTLS Systems
Automatic Finding

RTLS Systems
Yard Management

RTLS Systems
Safety & Access Control

RTLS Systems
Paperless Warehouse

Location Intelligence
Software

Power Supply
Automated Guided
Vehicle (AGV)

Power Supply
Add-on modules

Weighing Systems
Conveyor Systems



Industrial Network
Systems

Industrial
Wireless LAN

Industrial Identification
and Locating

Power
Supply

Weighing
Systems

SITOP Power Supply

For increasing system availability up to total all-round protection in warehouses

High availability due to 24 V all-round protection solution with redundancy, buffer or selectivity modules protects the material handling application



Full transparency is provided by the SITOP PSU6200 due to monitoring of important data like voltage, current, temperature and lifetime. Therefore predictive maintenance is possible to reduce downtimes



SITOP PSU6200 has an efficiency of up to 96.6% to save energy costs

[Website](#)[Brochure/video](#)[Industrial Network Systems >](#)[Industrial Wireless LAN >](#)[Industrial Identification and Locating >](#)**Power Supply**[Weighing Systems >](#)

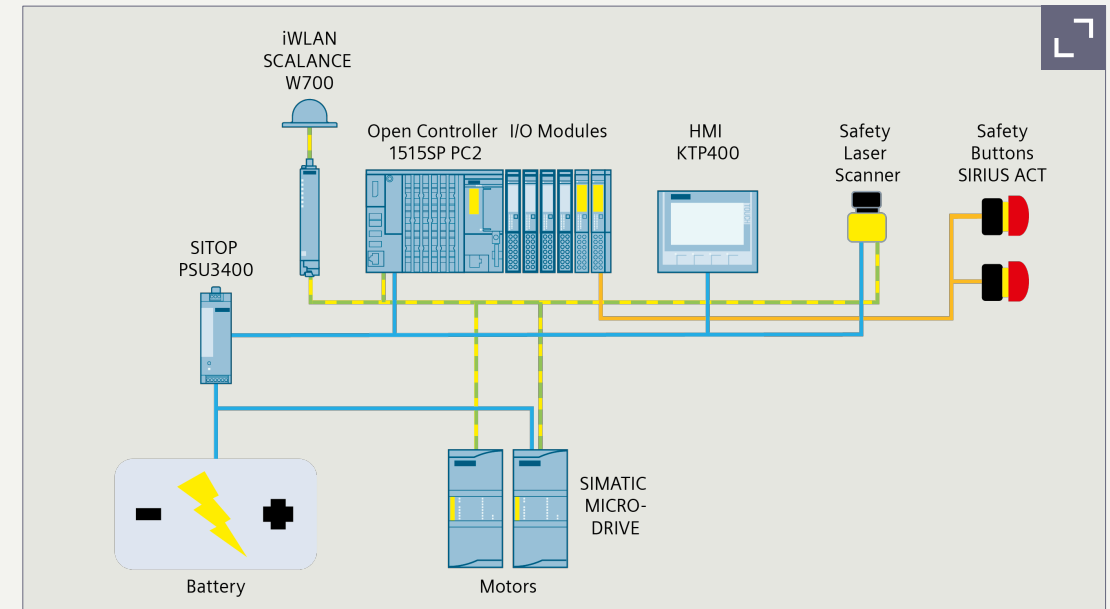
Power Supply

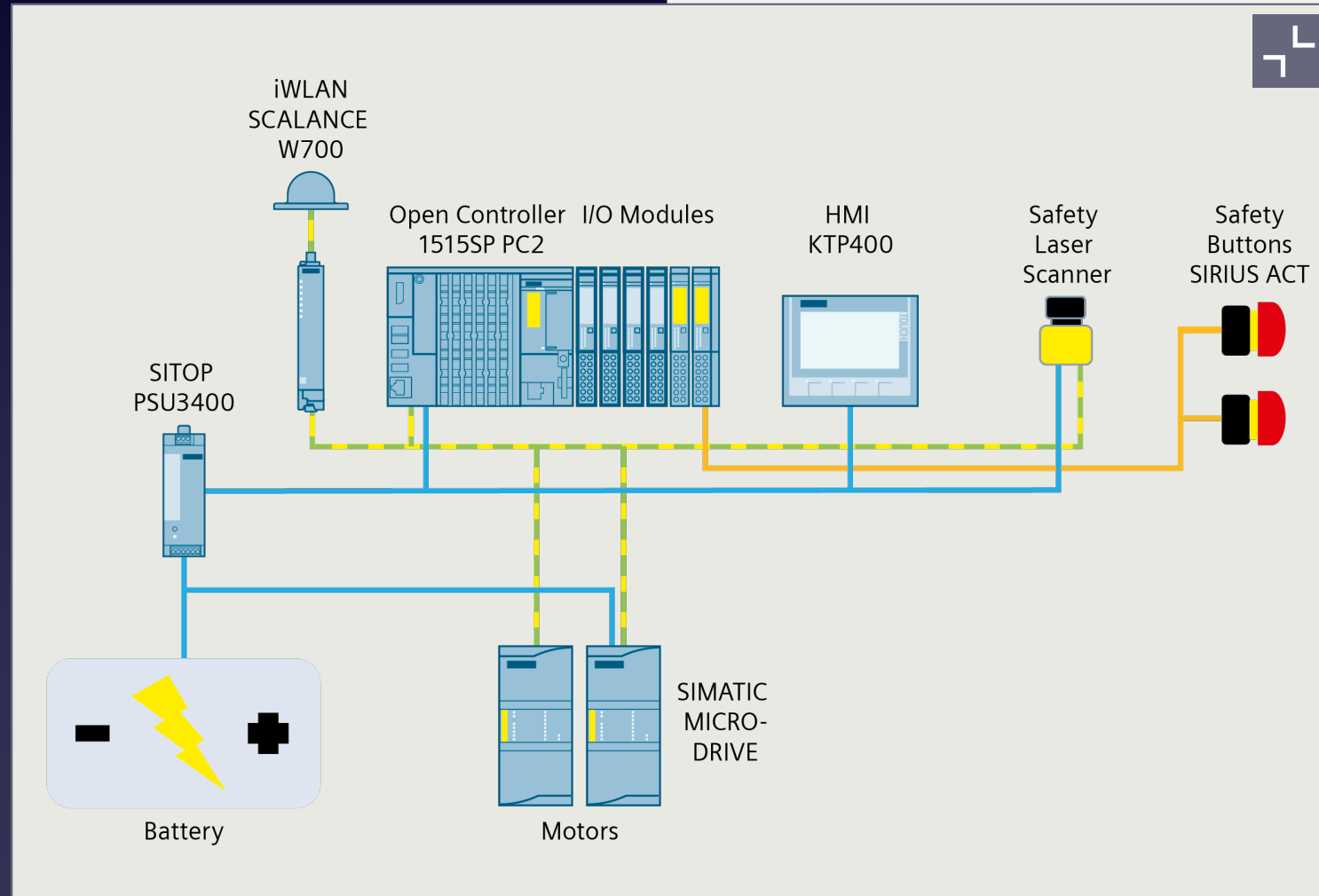
For increasing system availability up to total all-round protection for AGV's

Use of DC-DC converter SITOP PSU3400 to provide a power supply from batteries that powers different control products in automated guided vehicles

Stable 24 V supply despite fluctuating DC voltage of batteries due to wide input voltage range

Additionally the SITOP selectivity module can split the DC 24 V output voltage in up to eight channels with their own respective load. Each channel is protected and monitored individually





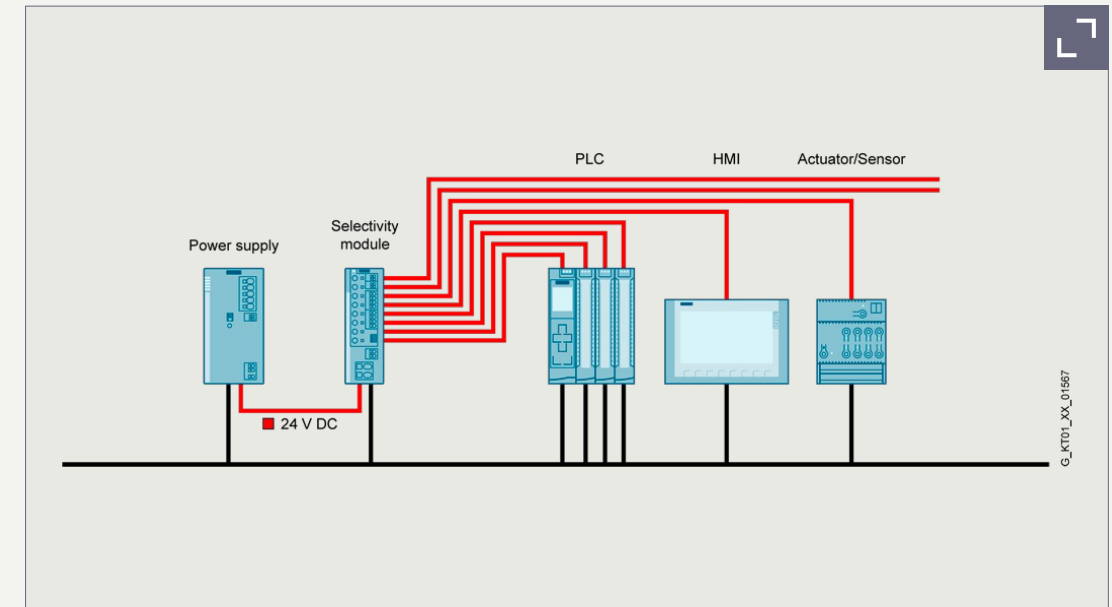
Power supply add-on modules and DC UPS

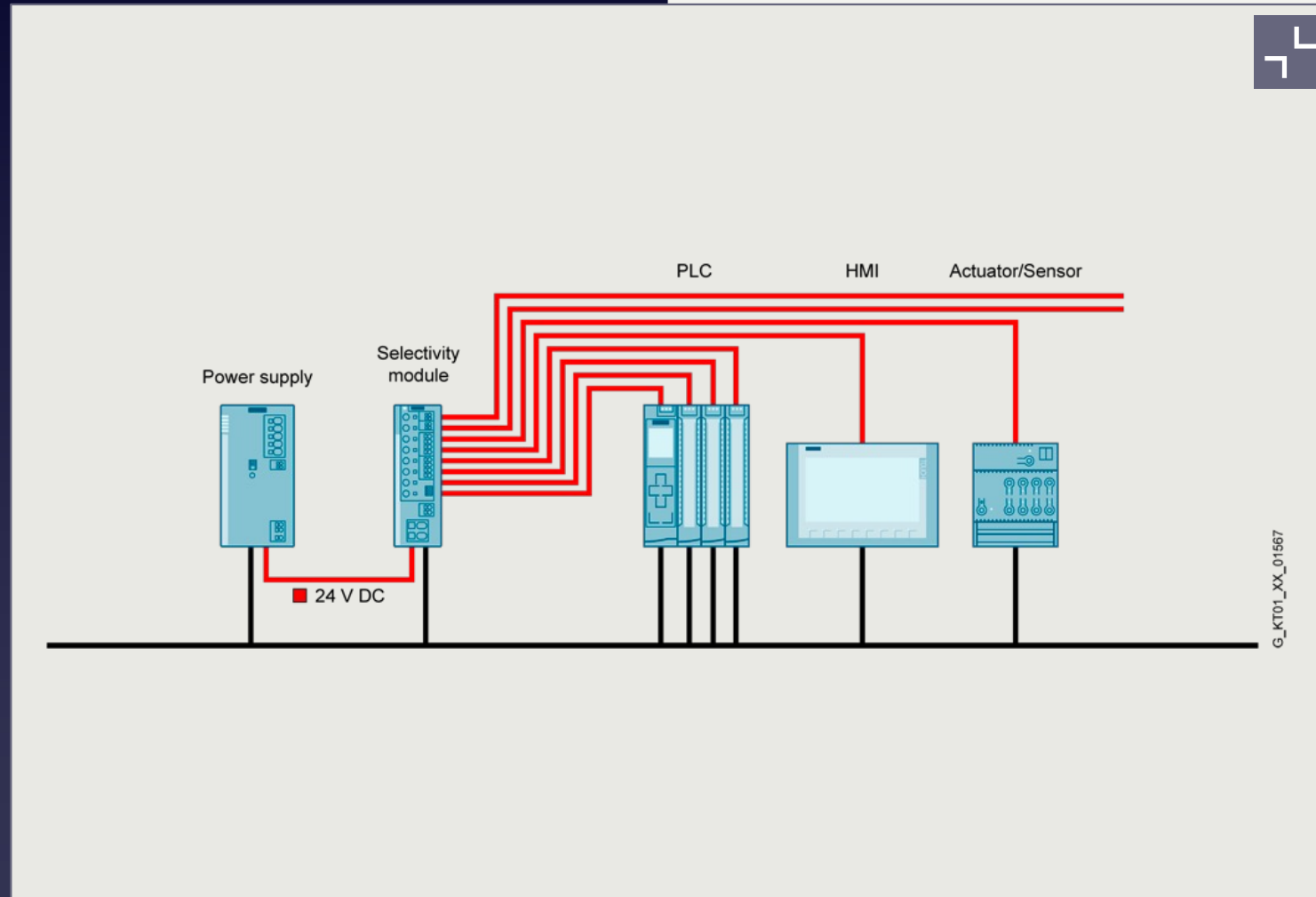
Individual configuration possible
up to complete all-round protection

Failure of power supply units: Redundant setup
of power supply with SITOP redundancy modules

Against overload or short circuit in 24 V circuit:
Selective protection of 24 V branches with SITOP
selectivity modules

For power failures on the input side:
SITOP buffer module (up to seconds),
SITOP DC UPS with capacitors (minutes range),
SITOP DC UPS with batteries (hours range)





Weighing Systems

New Technology
Industrial 5G

OT/IT Network
Integration

Network
Management

Cybersecurity for
Industry

Remote
Communication

Wireless Communication
Automated Guided
Vehicle (AGV)

Wireless Communication
Shuttle Systems

Wireless Communication
Stacker Cranes

Wireless Communication
Tray Sorter Systems

RFID Systems
In-/Outbound Logistics

RFID Systems
Conveyor Systems

Optical Code Reading
Conveyor Systems

RFID Systems
Pouch Sorter Systems

Machine Access
Control

RTLS Systems
Automatic Finding

RTLS Systems
Yard Management

RTLS Systems
Safety & Access Control

RTLS Systems
Paperless Warehouse

Location Intelligence
Software

Power Supply
Automated Guided
Vehicle (AGV)

Power Supply
Add-on modules

Weighing Systems
Conveyor Systems



Industrial Network
Systems

Industrial
Wireless LAN

Industrial Identification
and Locating

Power
Supply

Weighing
Systems

SIWAREX

Real integration of all weighing applications into the SIMATIC automation environment

Weighing technology as an integrated part of the automation environment – no separate black box



Flexible and open system without dependencies



Full diagnostics and maintenance across all SIMATIC controllers and HMIs



Website



Brochure/video



Industrial Network Systems >

Industrial Wireless LAN >

Industrial Identification and Locating >

Power Supply >

Weighing Systems

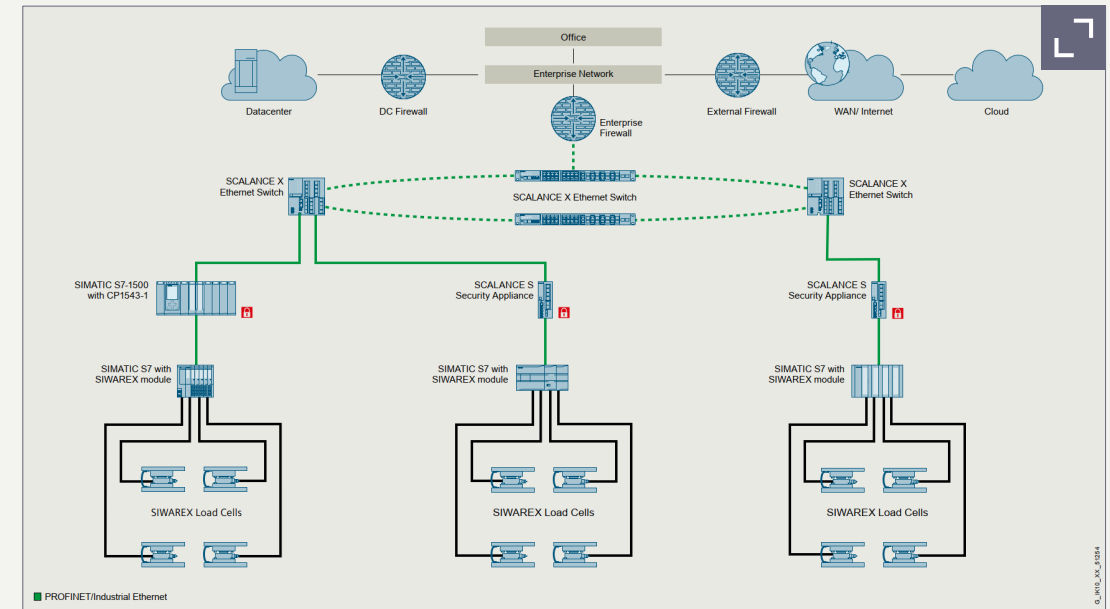
SIWAREX

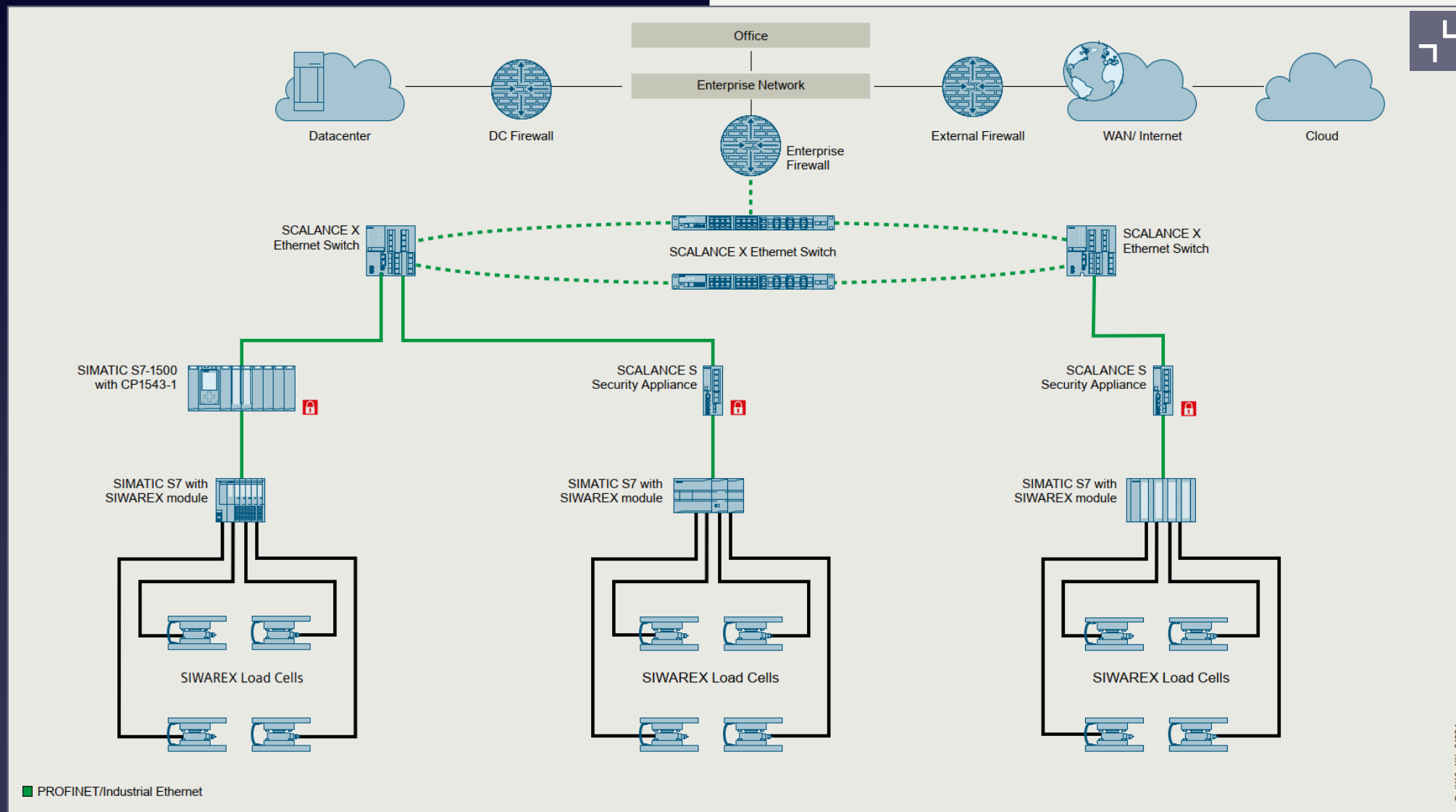
Real integration of all weighing applications into the SIMATIC automation environment

Full integration of hardware and software into TIA Portal

High scalability in combination with all other available SIMATIC components

Connectivity to PROFINET, Ethernet/IP and Modbus based controllers via SIMATIC ET 200SP Multi Field Bus IM. One hardware solution for all PLCs





**Published
by Siemens AG**

Digital Industries
Process Automation
Östliche Rheinbrückenstr. 50
76187 Karlsruhe
Germany

© Siemens 2022

[siemens.com/intralogistics](https://www.siemens.com/intralogistics)

Subject to changes and errors. The information provided in this brochure contains descriptions or performance characteristics which, in case of actual use, do not always apply as described or which may change as a result of further development of the products. The desired performance characteristics are only binding if expressly agreed in the contract. Availability and technical specifications are subject to change without notice.

All product designations may be trademarks or product names of Siemens AG or supplier companies, the use of which by third parties for their own purposes may violate the rights of the owners.

Security information

Siemens provides products and solutions with industrial security functions that support the secure operation of plants, systems, machines and networks.

In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial security concept. Siemens' products and solutions constitute one element of such a concept.

Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place.

For additional information on industrial security measures that may be implemented, please visit **<https://www.siemens.com/industrialsecurity>**.

Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats.

To stay informed about product updates, subscribe to the Siemens Industrial Security RSS Feed under **<https://www.siemens.com/industrialsecurity>**.

