Product portfolio

Selection criteria

Application areas

SCALANCE X –
The comprehensive range of **Industrial Ethernet Switches**

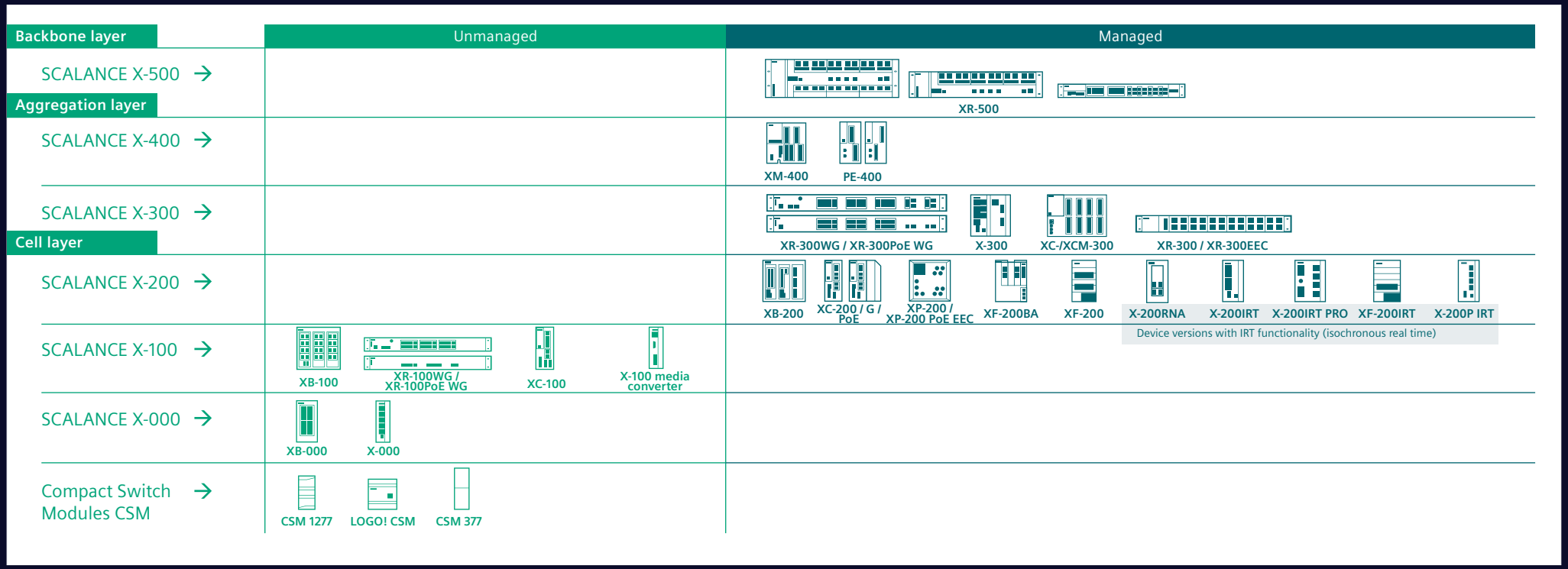
Watch the video to learn about the many options

SIEMENS

On a direct path to the **optimal Industrial Ethernet Switch**

The demands placed on industrial networks are tremendous. Our answer to these challenges is SCALANCE X. Are you already familiar with our system family? Here you'll quickly find the right Industrial Ethernet Switch for your application.

PRODUCT PORTFOLIO



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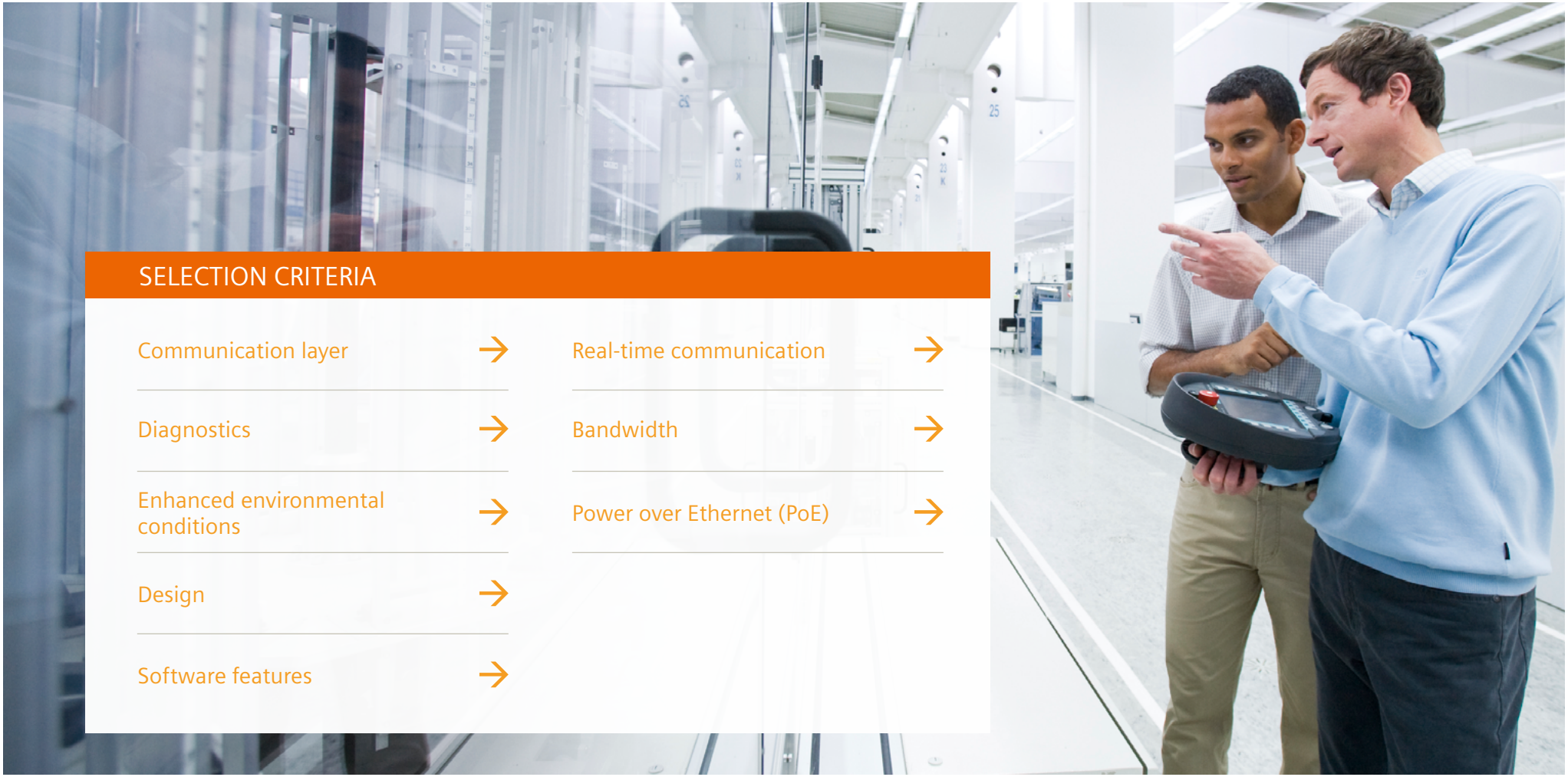

SELECTION CRITERIA

- Communication layer →
- Real-time communication →
- Diagnostics →
- Bandwidth →
- Enhanced environmental conditions →
- Power over Ethernet (PoE) →
- Design →
- Software features →

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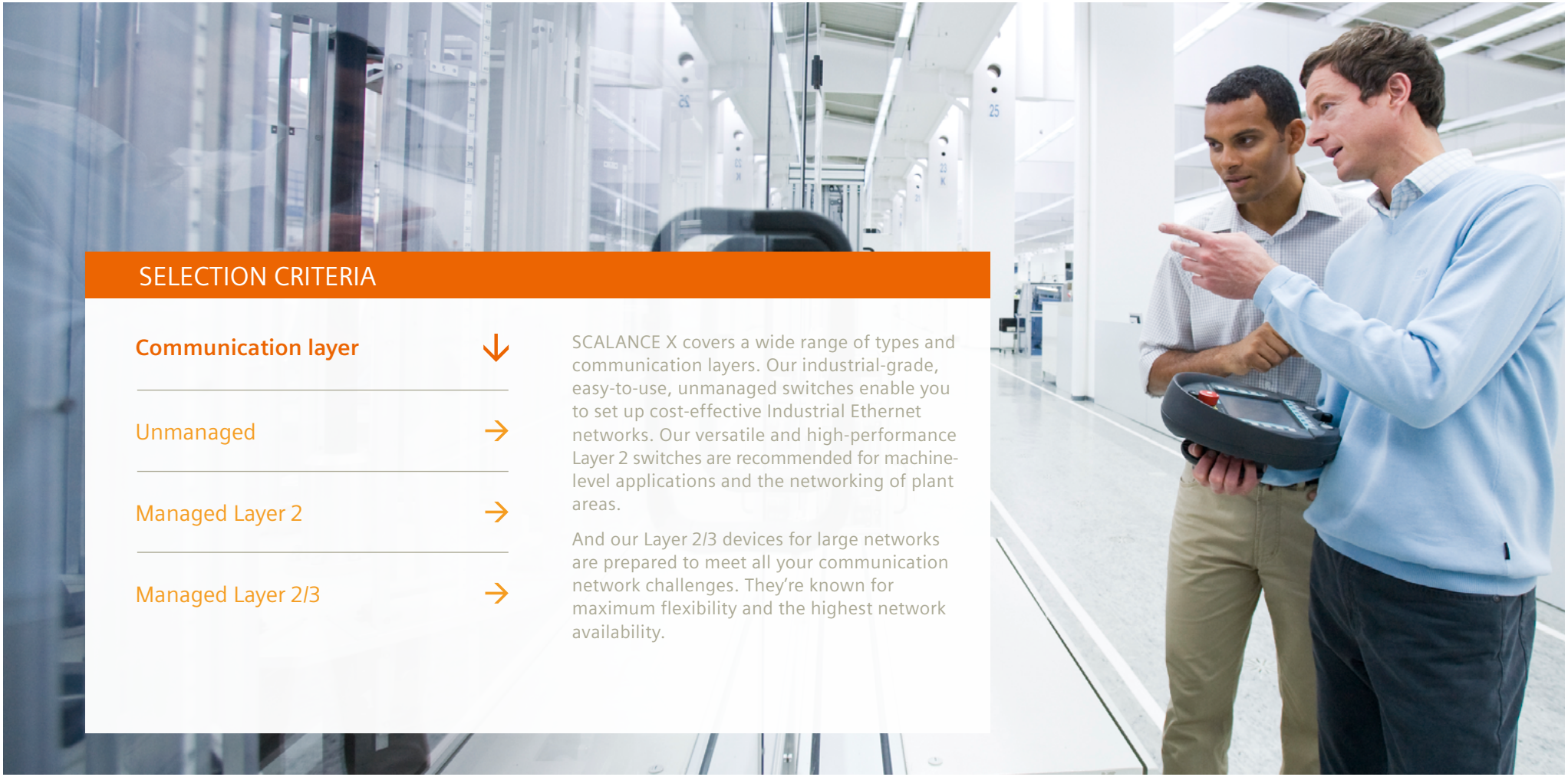

SELECTION CRITERIA

Communication layer

- Unmanaged
- Managed Layer 2
- Managed Layer 2/3

SCALANCE X covers a wide range of types and communication layers. Our industrial-grade, easy-to-use, unmanaged switches enable you to set up cost-effective Industrial Ethernet networks. Our versatile and high-performance Layer 2 switches are recommended for machine-level applications and the networking of plant areas.

And our Layer 2/3 devices for large networks are prepared to meet all your communication network challenges. They're known for maximum flexibility and the highest network availability.

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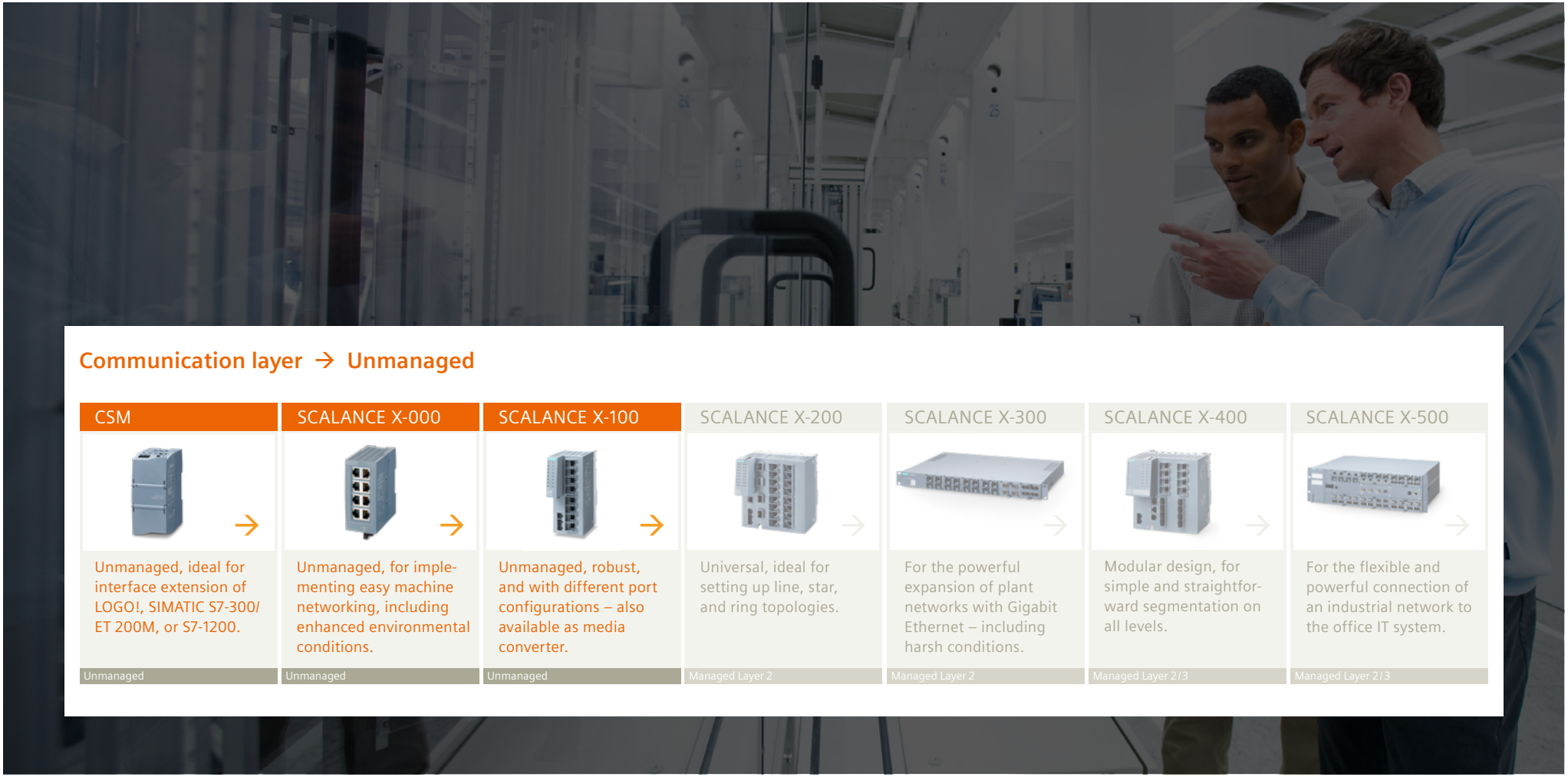

Communication layer → Unmanaged

CSM	SCALANCE X-000	SCALANCE X-100	SCALANCE X-200	SCALANCE X-300	SCALANCE X-400	SCALANCE X-500
Unmanaged, ideal for interface extension of LOGO!, SIMATIC S7-300/ ET 200M, or S7-1200.	Unmanaged, for implementing easy machine networking, including enhanced environmental conditions.	Unmanaged, robust, and with different port configurations – also available as media converter.	Universal, ideal for setting up line, star, and ring topologies.	For the powerful expansion of plant networks with Gigabit Ethernet – including harsh conditions.	Modular design, for simple and straightforward segmentation on all levels.	For the flexible and powerful connection of an industrial network to the office IT system.
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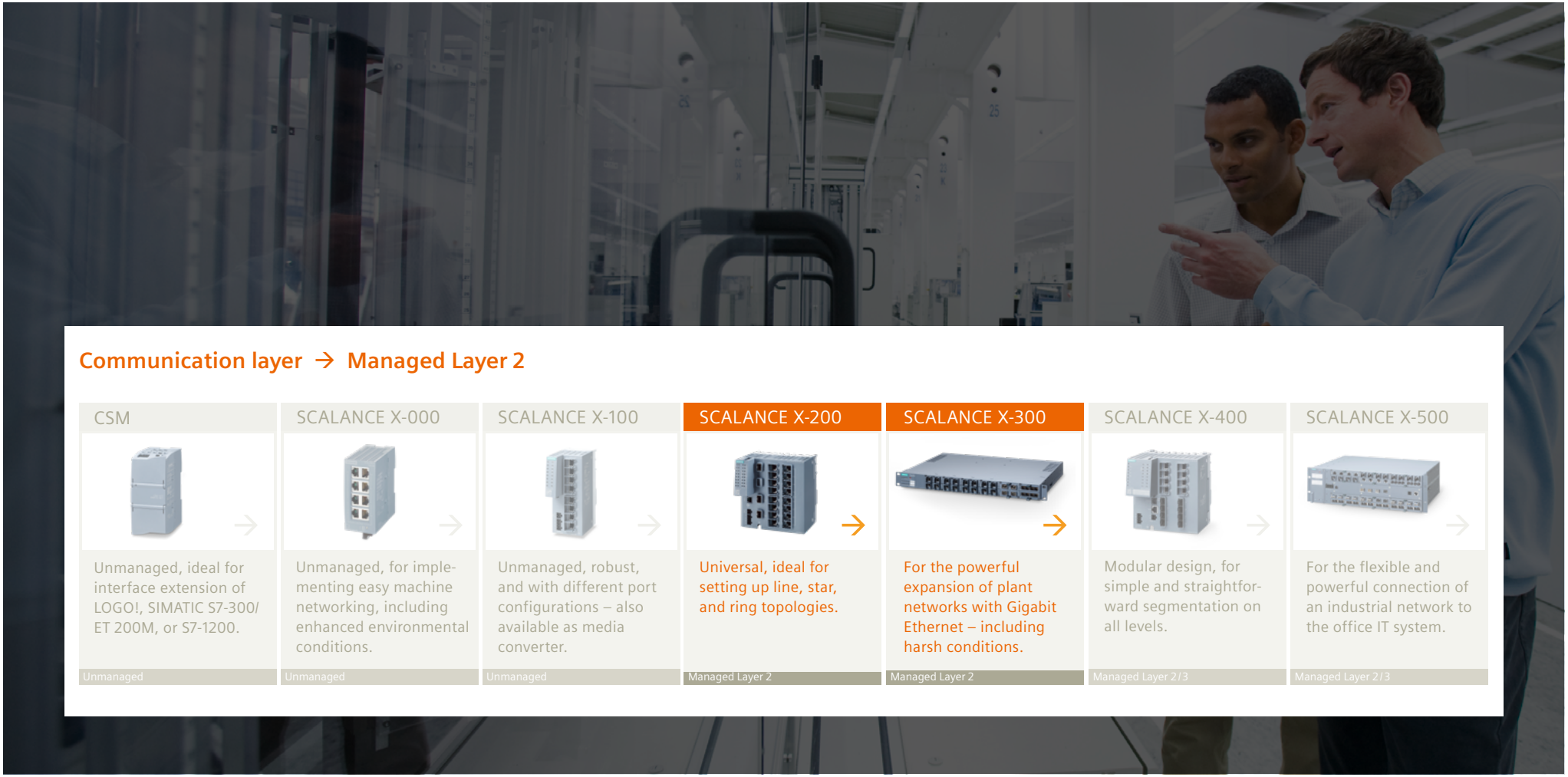

Communication layer → Managed Layer 2

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Communication layer → Managed Layer 2/3

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SELECTION CRITERIA

Diagnostics →

With SCALANCE X you benefit from complete integration in PROFINET diagnostics. You can also utilize the expanded diagnostic options via EtherNet/IP if you use a suitable EtherNet/IP controller. Other options are central network management using SINEC NMS, integrated system diagnostics using TIA Portal, and remote diagnostics with SINEMA Remote Connect.

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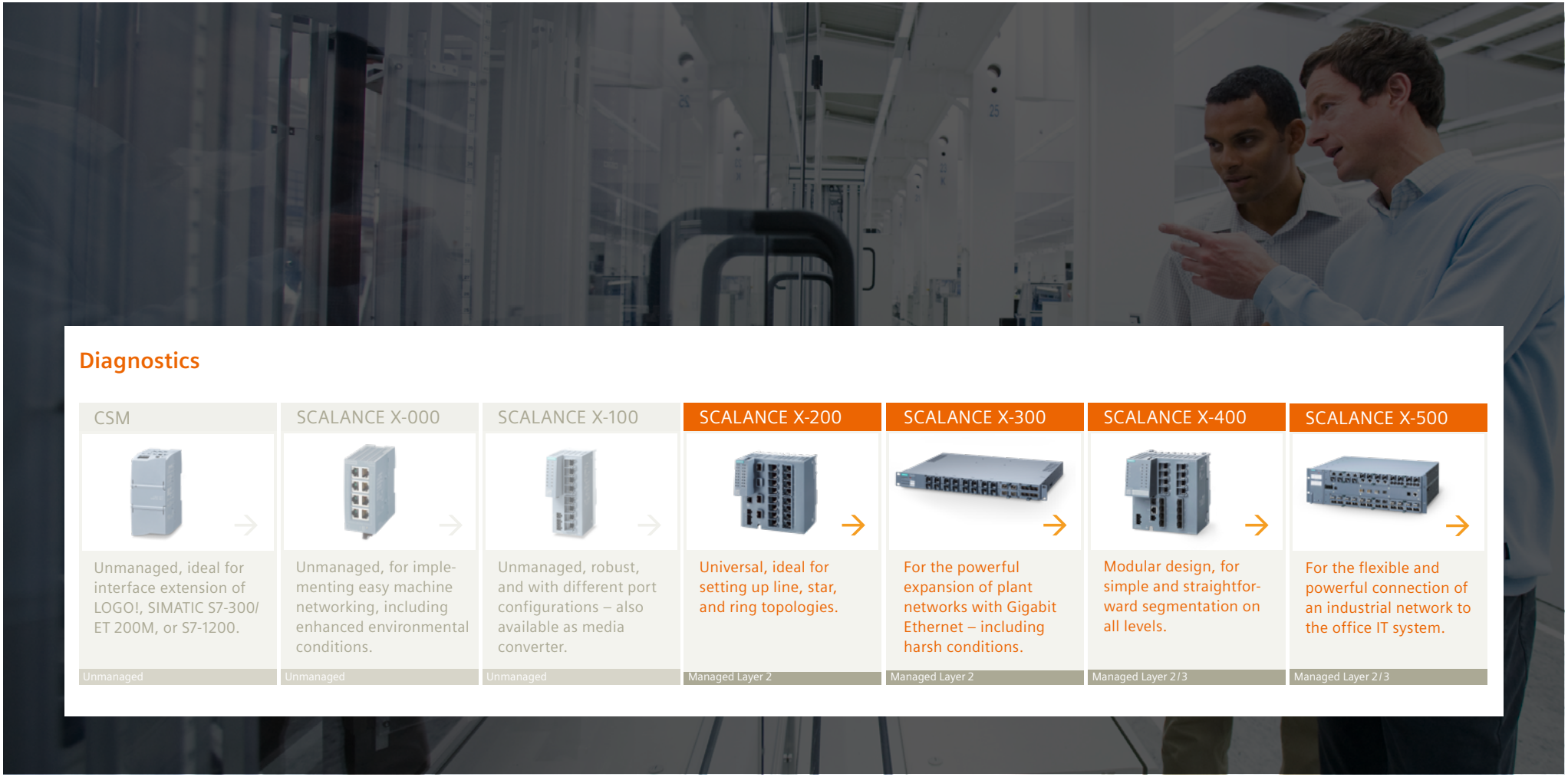

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SELECTION CRITERIA

Enhanced environmental conditions →

Equipped for all environmental conditions: Given our comprehensive range of Industrial Ethernet Switches, you're sure to find the right switch for your application. We offer devices with high IP65/67 protection class and for use under enhanced environmental conditions.

Temperature range –40° to +70°C →

Conformal coating →

IP65/67 protection class →

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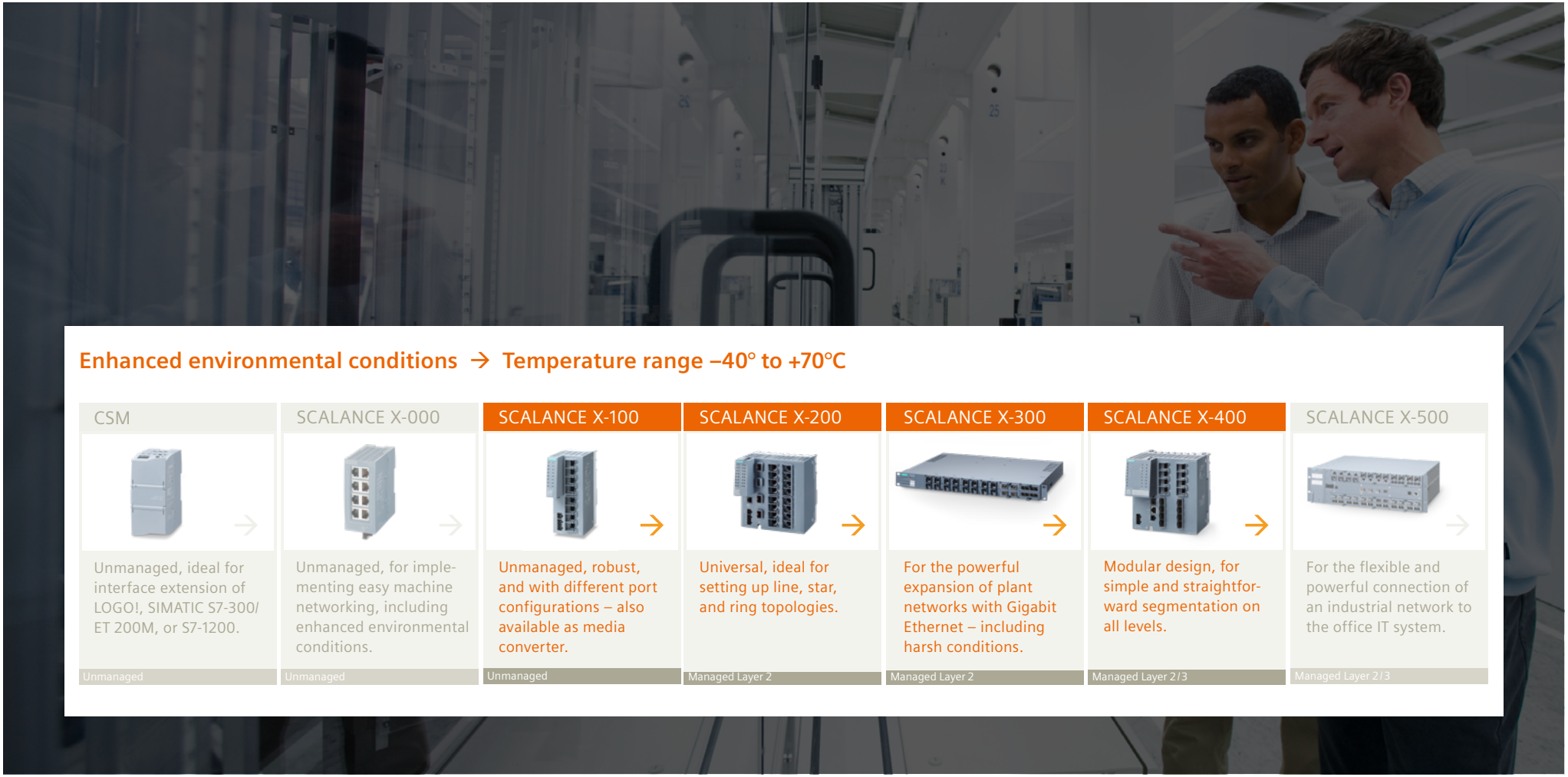

Enhanced environmental conditions → Temperature range –40° to +70°C

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Enhanced environmental conditions → Conformal coating

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Enhanced environmental conditions → IP65/67 protection class

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SELECTION CRITERIA

Design

- Modular
- Compact
- Flat
- Rack

Whether modular, compact, flat, or as a rack switch: With SCALANCE X, you have access to a graded portfolio of Industrial Ethernet Switches in different designs.

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Design → Modular

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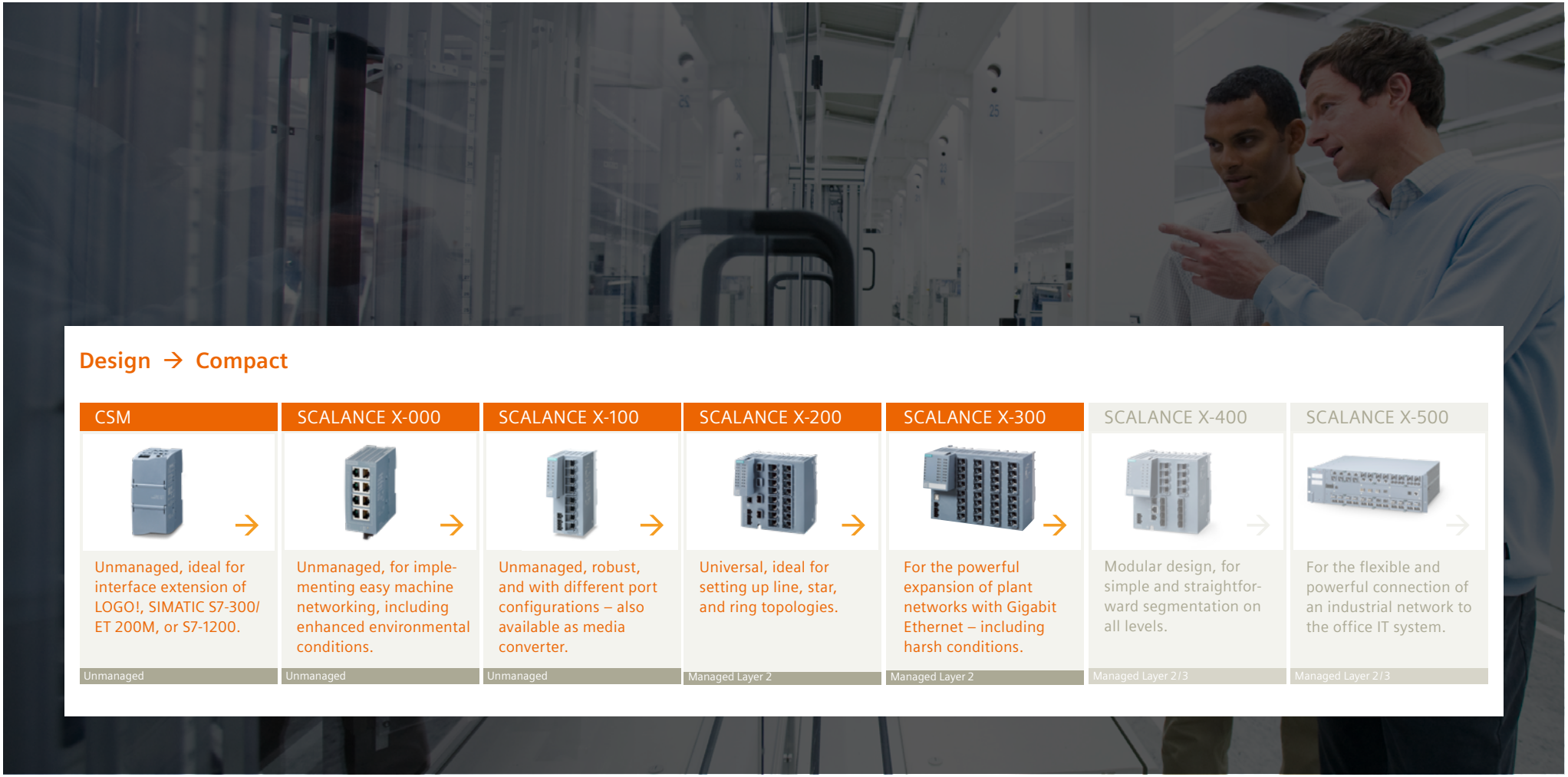

Design → Compact

CSM	SCALANCE X-000	SCALANCE X-100	SCALANCE X-200	SCALANCE X-300	SCALANCE X-400	SCALANCE X-500
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Design → Flat

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Design → Rack

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SELECTION CRITERIA

Software features

PA ready: CiR/H-CiR, S2 device

Redundancy mechanisms: MRP, MRP Interconnect, RSTP+

User management: UMAC/RADIUS

PA ready: Maximum machine and system availability thanks to redundant implementation of hardware and network infrastructure.

Redundancy: Integrated redundancy mechanisms mean reduced downtimes, resulting in high system and machine availability levels beyond network boundaries

UMAC/RADIUS: Central user administration ensures secure authentication via a single contact point within the network.

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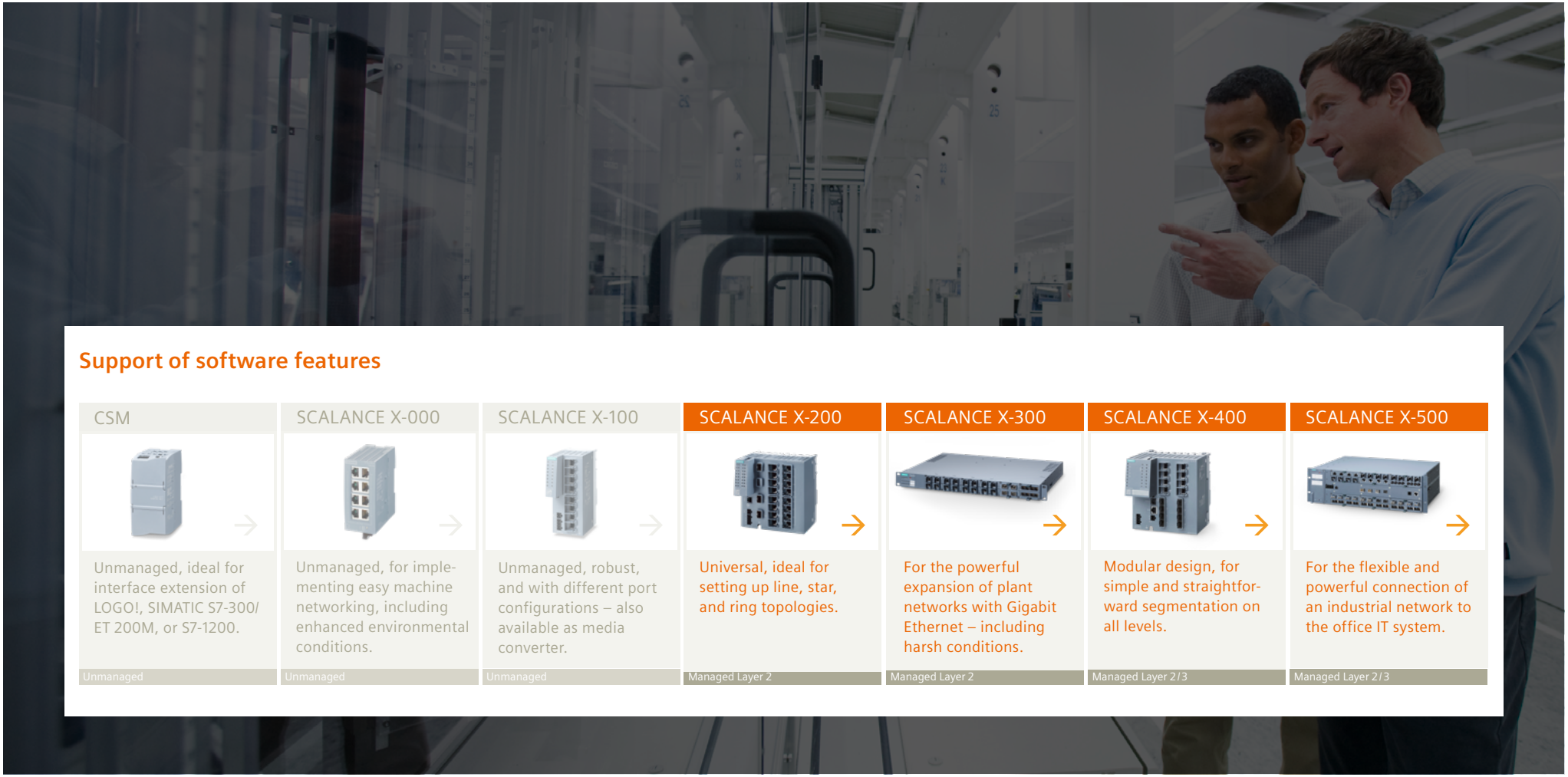

Support of software features

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SELECTION CRITERIA

Bandwidth

Even in terms of bandwidth, with SCALANCE X there is a choice of devices, with bandwidths of 10/100 Mbit/s (FastEthernet) up to 10 Gbit/s. All devices support at least 10/100 Mbit/s.

Up to 1 Gbit/s

Up to 10 Gbit/s

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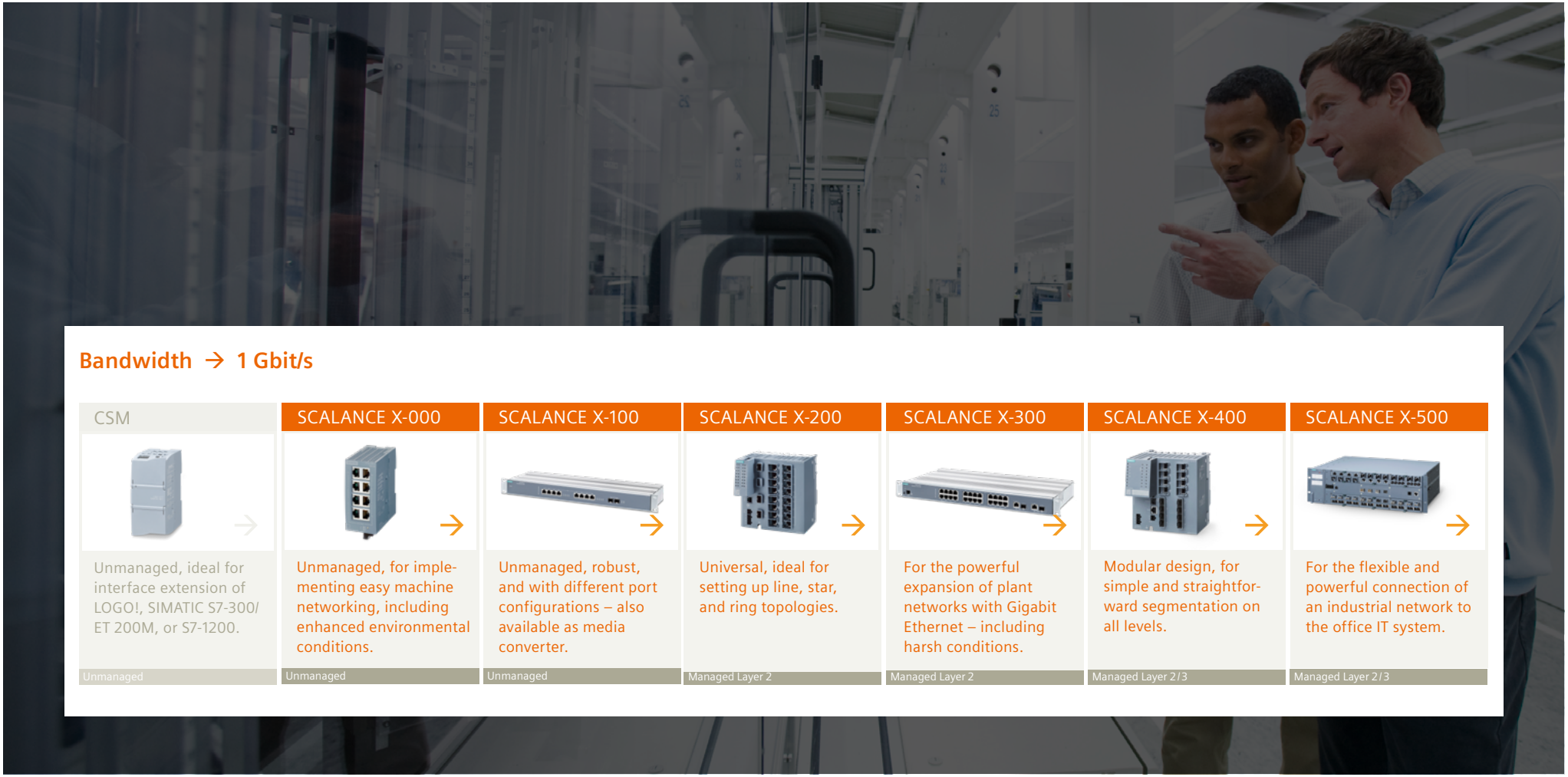

Bandwidth → 1 Gbit/s

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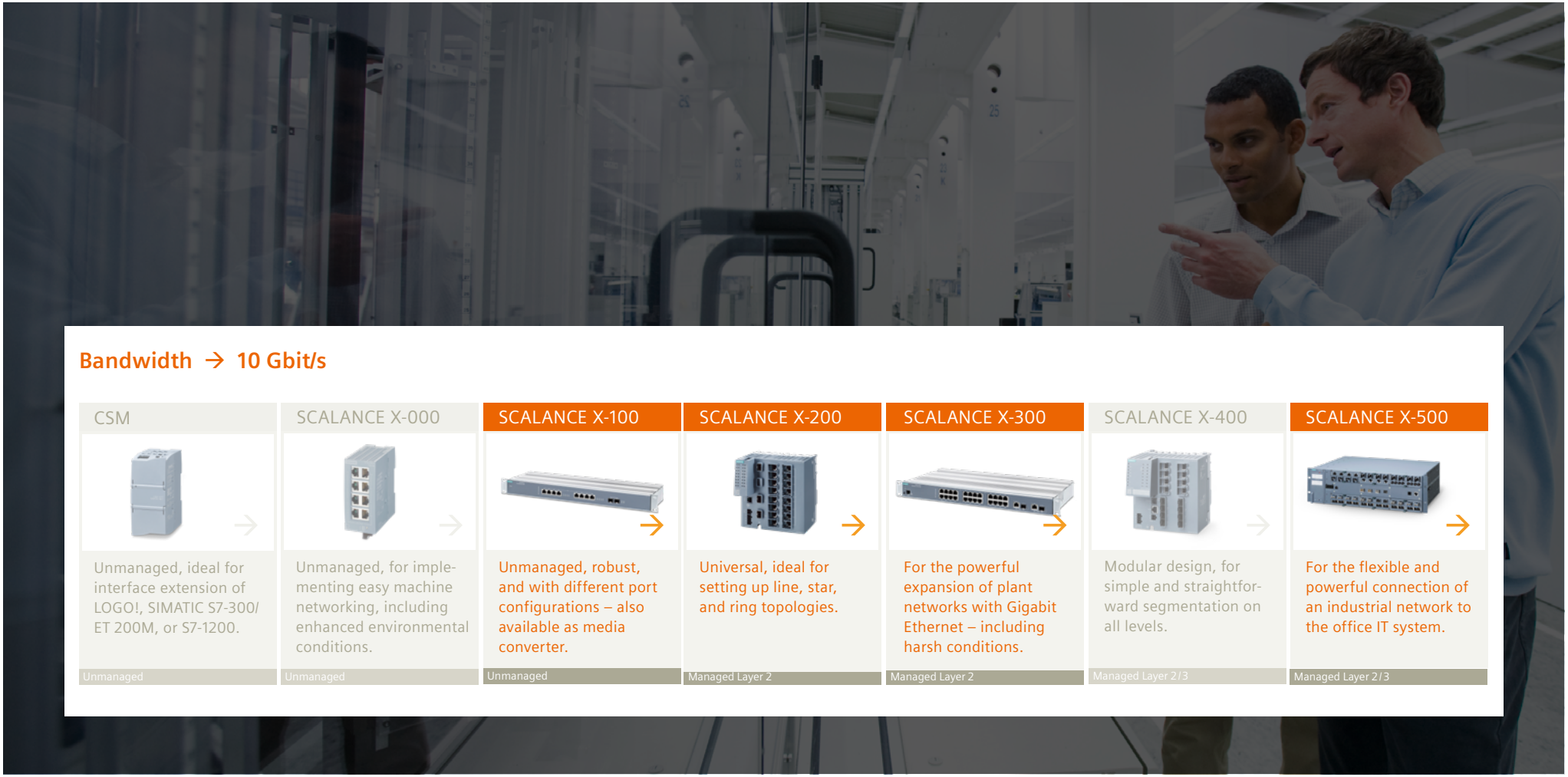

Bandwidth → 10 Gbit/s

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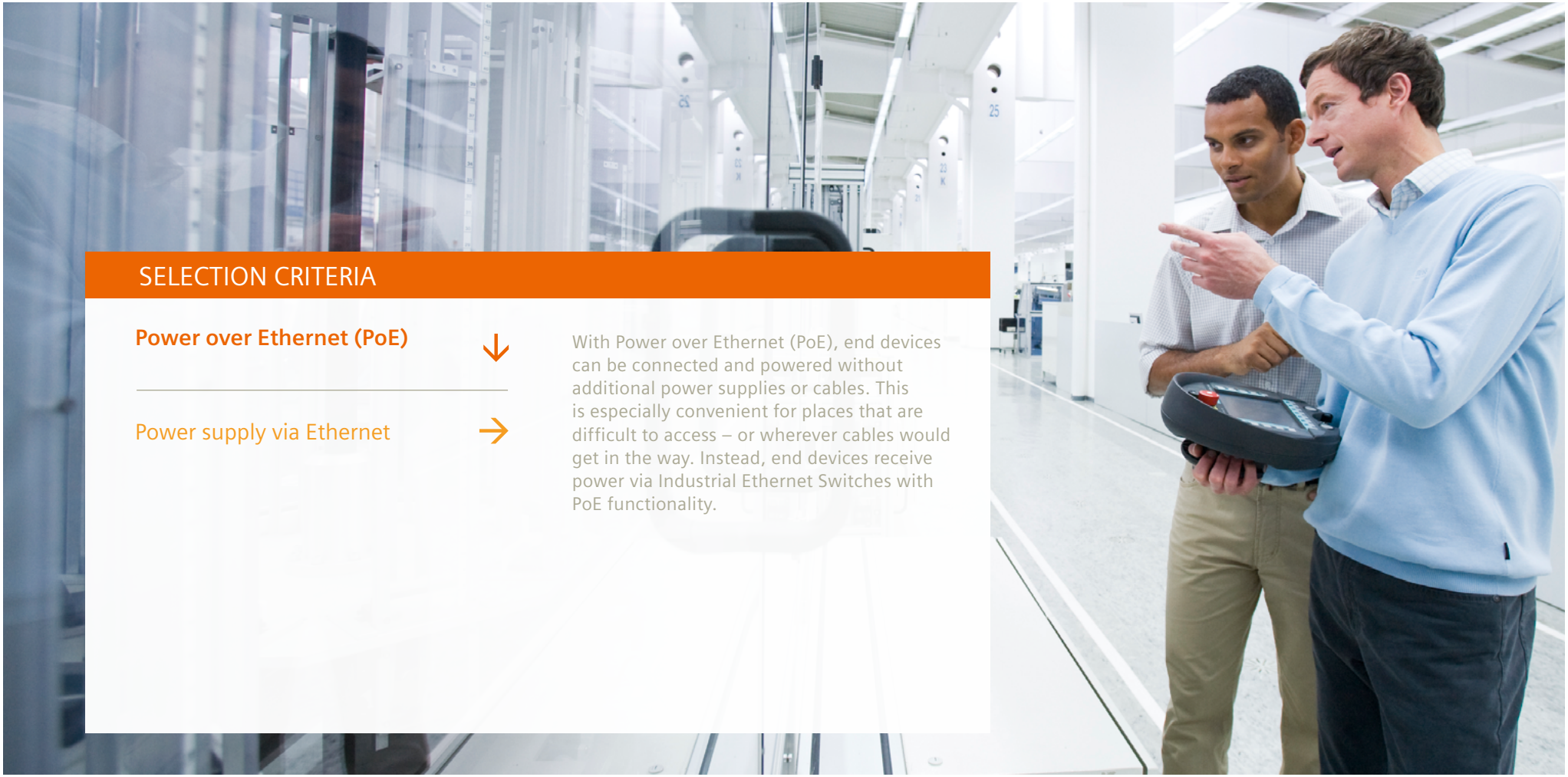

SELECTION CRITERIA

Power over Ethernet (PoE) ↓

Power supply via Ethernet →

With Power over Ethernet (PoE), end devices can be connected and powered without additional power supplies or cables. This is especially convenient for places that are difficult to access – or wherever cables would get in the way. Instead, end devices receive power via Industrial Ethernet Switches with PoE functionality.

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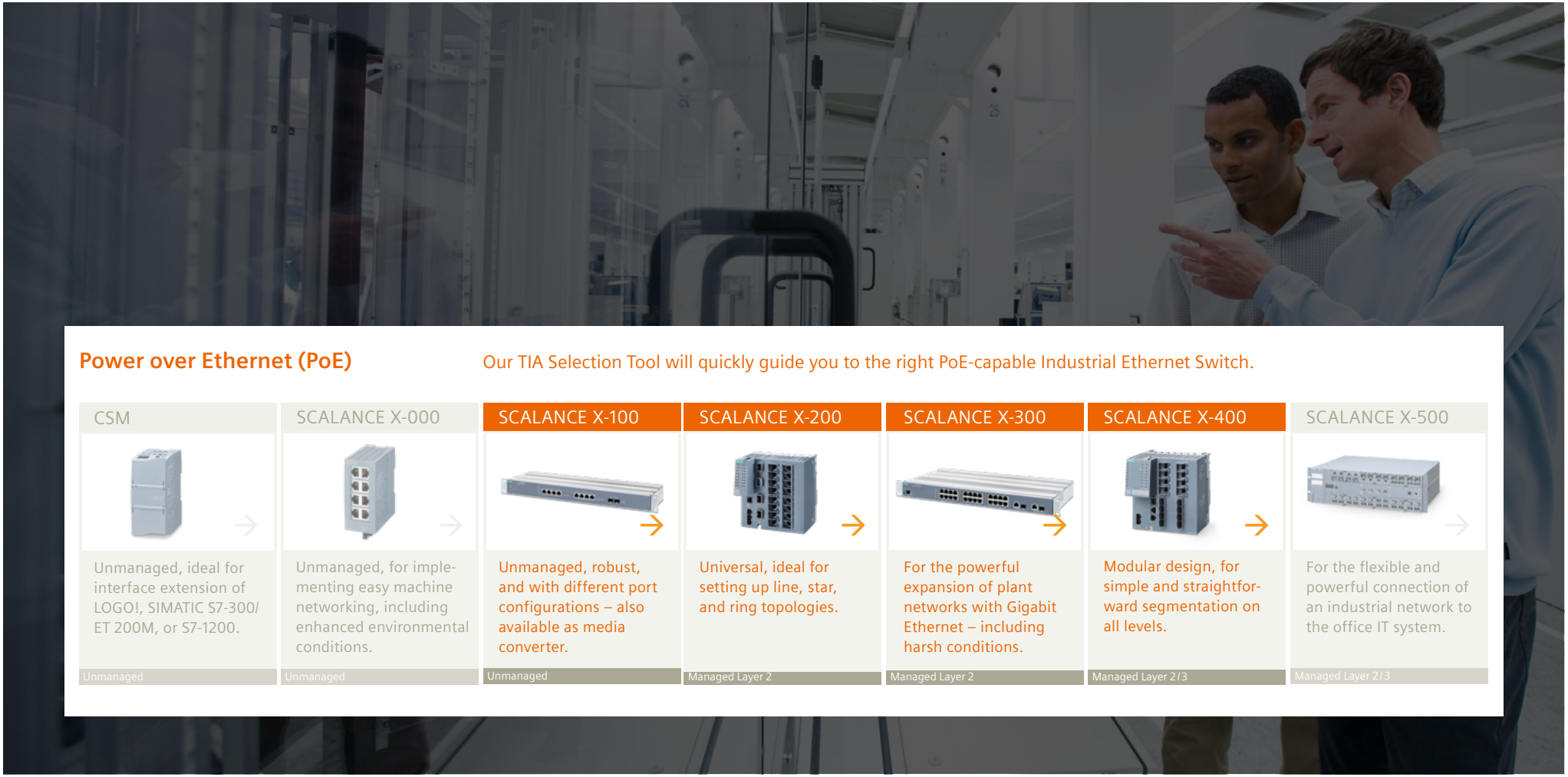

Power over Ethernet (PoE)

Our TIA Selection Tool will quickly guide you to the right PoE-capable Industrial Ethernet Switch.

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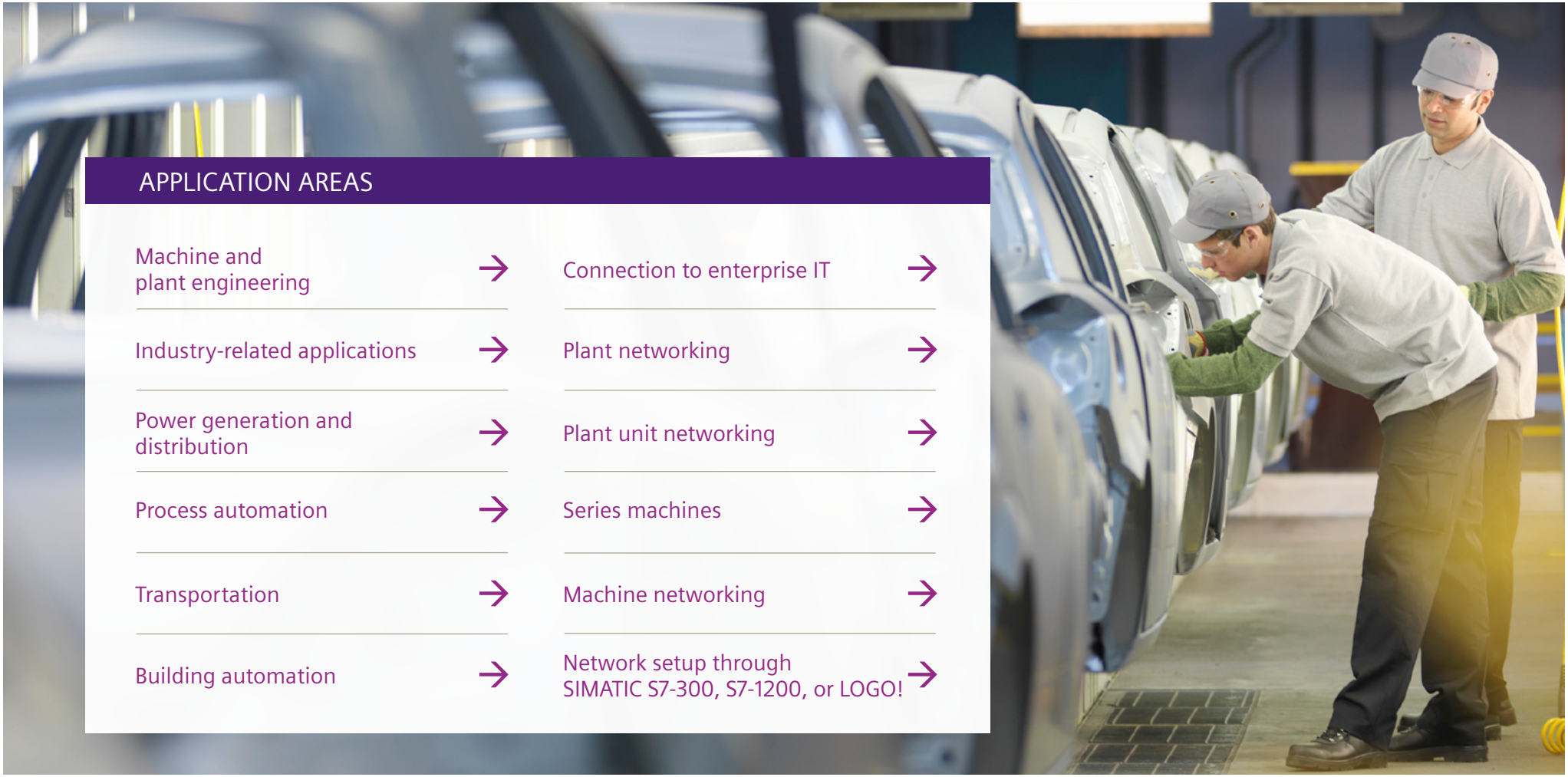

APPLICATION AREAS

- Machine and plant engineering →
- Industry-related applications →
- Power generation and distribution →
- Process automation →
- Transportation →
- Building automation →
- Connection to enterprise IT →
- Plant networking →
- Plant unit networking →
- Series machines →
- Machine networking →
- Network setup through SIMATIC S7-300, S7-1200, or LOGO! →

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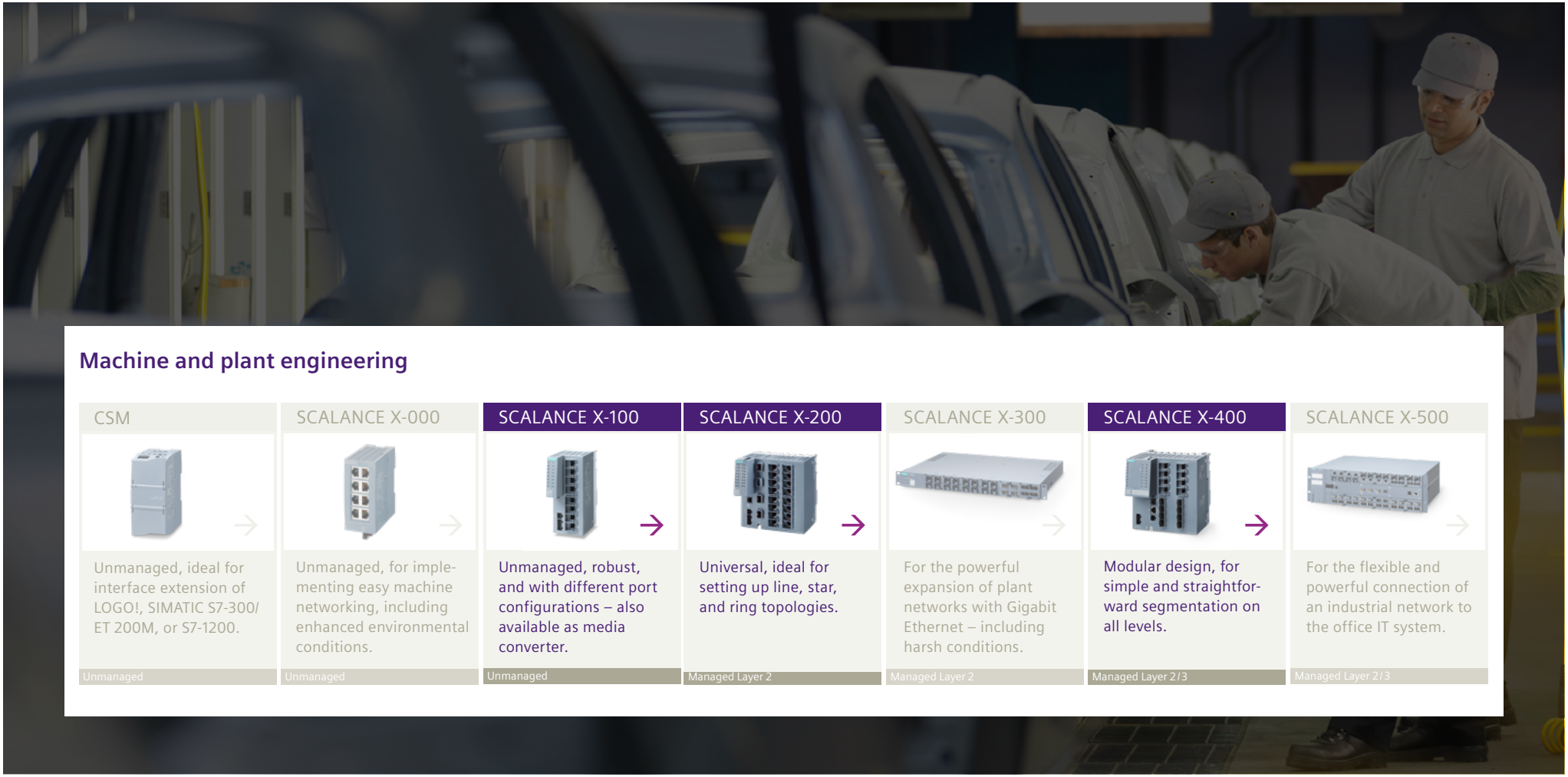

Machine and plant engineering

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Industry-related applications

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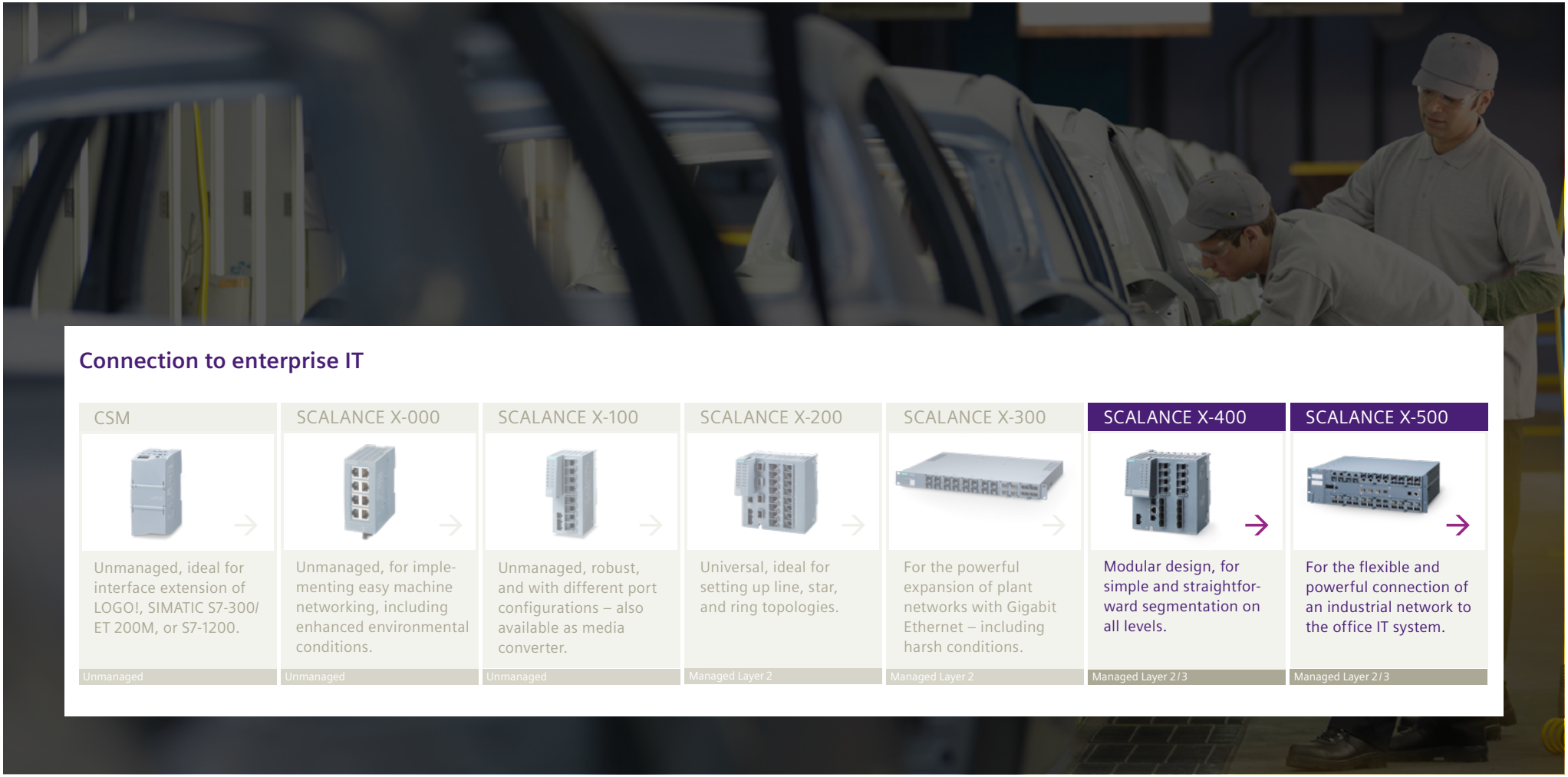
Power generation and distribution

CSM	SCALANCE X-000	SCALANCE X-100	SCALANCE X-200	SCALANCE X-300	SCALANCE X-400	SCALANCE X-500
Unmanaged, ideal for interface extension of LOGO!, SIMATIC S7-300/ ET 200M, or S7-1200.	Unmanaged, for implementing easy machine networking, including enhanced environmental conditions.	Unmanaged, robust, and with different port configurations – also available as media converter.	Universal, ideal for setting up line, star, and ring topologies.	For the powerful expansion of plant networks with Gigabit Ethernet – including harsh conditions.	Modular design, for simple and straightforward segmentation on all levels.	For the flexible and powerful connection of an industrial network to the office IT system.
Unmanaged	Unmanaged	Unmanaged	Managed Layer 2	Managed Layer 2/3	Managed Layer 2/3	Managed Layer 2/3

On a direct path to the **optimal Industrial Ethernet Switch**

Are you looking for the right switch for your application but you don't have expert knowledge? We'll guide you there with just a few clicks.



Connection to enterprise IT

CSM	SCALANCE X-000	SCALANCE X-100	SCALANCE X-200	SCALANCE X-300	SCALANCE X-400	SCALANCE X-500
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Unmanaged	Unmanaged	Unmanaged	Managed Layer 2	Managed Layer 2	Managed Layer 2/3	Managed Layer 2/3

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Plant networking

CSM	SCALANCE X-000	SCALANCE X-100	SCALANCE X-200	SCALANCE X-300	SCALANCE X-400	SCALANCE X-500
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Unmanaged	Unmanaged	Unmanaged	Managed Layer 2	Managed Layer 2/3	Managed Layer 2/3	Managed Layer 2/3

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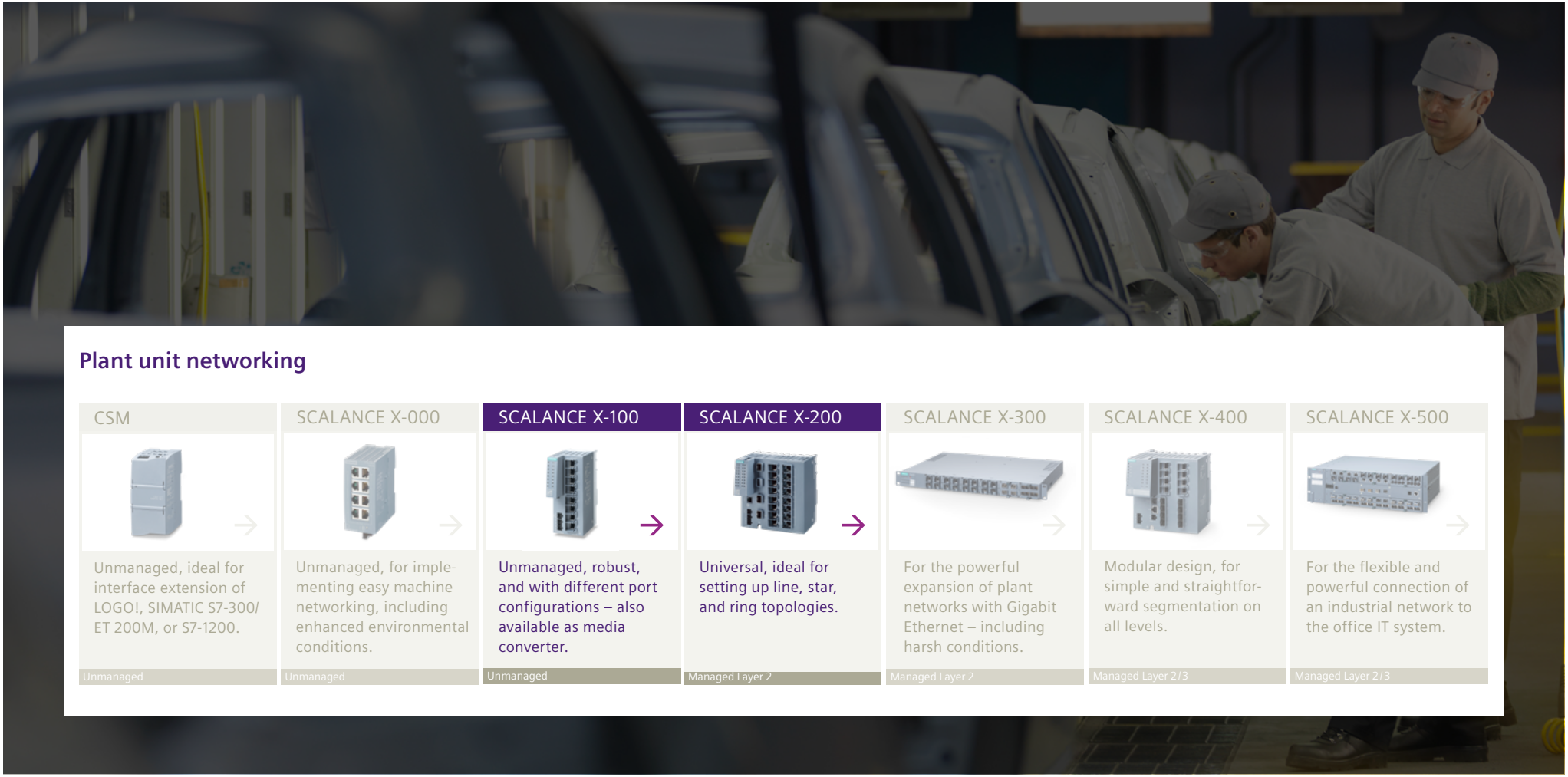

Plant unit networking

CSM	SCALANCE X-000	SCALANCE X-100	SCALANCE X-200	SCALANCE X-300	SCALANCE X-400	SCALANCE X-500
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Unmanaged	Unmanaged	Unmanaged	Managed Layer 2	Managed Layer 2	Managed Layer 2/3	Managed Layer 2/3

On a direct path to the **optimal Industrial Ethernet Switch**

Are you looking for the right switch for your application but you don't have expert knowledge?
We'll guide you there with just a few clicks.

Series machines

CSM	SCALANCE X-000	SCALANCE X-100	SCALANCE X-200	SCALANCE X-300	SCALANCE X-400	SCALANCE X-500
Unmanaged, ideal for interface extension of LOGO!, SIMATIC S7-300/ ET 200M, or S7-1200.	Unmanaged, for implementing easy machine networking, including enhanced environmental conditions.	Unmanaged, robust, and with different port configurations – also available as media converter.	Universal, ideal for setting up line, star, and ring topologies.	For the powerful expansion of plant networks with Gigabit Ethernet – including harsh conditions.	Modular design, for simple and straightforward segmentation on all levels.	For the flexible and powerful connection of an industrial network to the office IT system.
Unmanaged	Unmanaged	Unmanaged	Managed Layer 2	Managed Layer 2	Managed Layer 2/3	Managed Layer 2/3

On a direct path to the **optimal Industrial Ethernet Switch**

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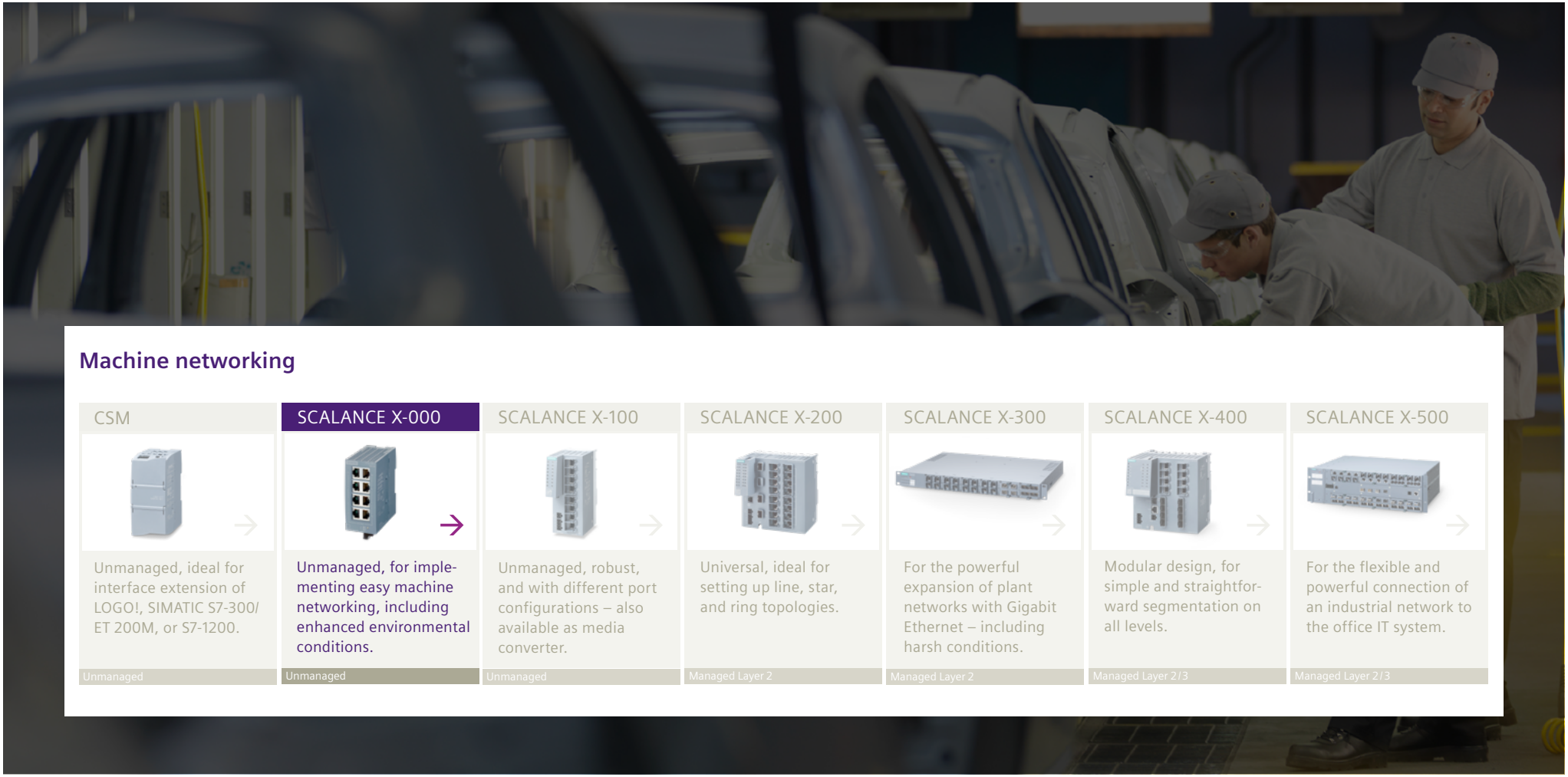

Machine networking

CSM	SCALANCE X-000	SCALANCE X-100	SCALANCE X-200	SCALANCE X-300	SCALANCE X-400	SCALANCE X-500
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Unmanaged	Unmanaged	Unmanaged	Managed Layer 2	Managed Layer 2	Managed Layer 2/3	Managed Layer 2/3

On a direct path to the **optimal Industrial Ethernet Switch**

Are you looking for the right switch for your application but you don't have expert knowledge?
We'll guide you there with just a few clicks.

Network setup through SIMATIC S7-300, S7-1200, or LOGO!

CSM	SCALANCE X-000	SCALANCE X-100	SCALANCE X-200	SCALANCE X-300	SCALANCE X-400	SCALANCE X-500
Unmanaged, ideal for interface extension of LOGO!, SIMATIC S7-300/ ET 200M, or S7-1200.	Unmanaged, for implementing easy machine networking, including enhanced environmental conditions.	Unmanaged, robust, and with different port configurations – also available as media converter.	Universal, ideal for setting up line, star, and ring topologies.	For the powerful expansion of plant networks with Gigabit Ethernet – including harsh conditions.	Modular design, for simple and straightforward segmentation on all levels.	For the flexible and powerful connection of an industrial network to the office IT system.
Unmanaged	Unmanaged	Unmanaged	Managed Layer 2	Managed Layer 2	Managed Layer 2/3	Managed Layer 2/3

Compact Switch Modules CSM

Simply more connectivity to SIMATIC: These unmanaged switches stand for optimal interface extension for SIMATIC S7-300/ET 200M and S7-1200.

CSM 1277

Low-cost fan-out unit specially for LOGO! and SIMATIC S7-300/ET 200M or S7-1200. With these Compact Switch Modules, up to three stations can be quickly connected.

Your benefits at a glance

- Low-cost setup of small, local Industrial Ethernet networks
- Fast and simple connection of SIMATIC S7, ET 200M, or LOGO! logic modules to Industrial Ethernet networks
- Flexible expansion of the network thanks to simple connection of the CSM
- Space-saving design of each terminal device, such as SIMATIC or LOGO!
- Support for stand-alone use as an unmanaged 4-port switch for Industrial Ethernet networks

More information

Website

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Get to know all the members of the product family

CSM 1277 | LOGO! CSM | CSM 377

Compact Switch Modules CSM

Simply more connectivity to SIMATIC: These unmanaged switches stand for optimal interface extension for SIMATIC S7-300/ET 200M and S7-1200.

CSM 1277

To increase the number of interfaces for SIMATIC S7-1200.

BUY Industry Mall

LOGO! CSM

To increase the number of interfaces for the LOGO! logic model.

BUY Industry Mall

CSM 377

To increase the number of interfaces for SIMATIC S7-300, S7-mEC, or ET 200M.

BUY Industry Mall

SCALANCE X-000

Join the world of Industrial Ethernet network topologies: Use the SCALANCE X-000 switches to implement simple machine networks that are compact and low-cost.

SCALANCE XB008

The SCALANCE X-000 unmanaged Industrial Ethernet Switches are the space-saving solution for setting up small Industrial Ethernet networks with transmission rates of 10/100 Mbit/s in a line or star topology. Their small size and cost-efficiency make them the ideal entry-level solution for simple machine networking. Selected SCALANCE XB-000 versions with a network voltage of 24 V AC can also be used in building automation.

Your benefits at a glance

- Simple handling
- Space-saving installation in the control cabinet or wall mounting
- Industry-standard for use in machine networks
- Switched-mode power supply (24 V DC/AC)

More information

Website

Industry Mall

Get to know all the members of the product family

XB-000

X-000

SCALANCE X-000

Join the world of Industrial Ethernet network topologies: Use the SCALANCE X-000 switches to implement simple machine networks that are compact and low-cost.

SCALANCE X005

For setting up small Industrial Ethernet star and line topologies with switching functionality.

BUY Industry Mall

SCALANCE XB008

Version with plastic enclosure for use in less demanding industrial environments from –10°C to +60°C.

BUY Industry Mall

SCALANCE X-100

You can rely on these unmanaged Industrial Ethernet Switches in machine-level applications for electrical or optical networks – even under harsh environmental conditions.

SCALANCE XC108

The unmanaged Industrial Ethernet Switches in the SCALANCE X-100 product line are ideal for setting up Industrial Ethernet networks with transmission rates of up to 10 Gbit/s in line and star topologies. They guarantee perfect data transmission at ambient temperatures from –40°C to +70°C.

Your benefits at a glance

- Fail-safe thanks to redundant voltage infeed
- Full industrial compatibility thanks to rugged enclosure for RJ45 ports, including 19" design
- PROFINET (CC-A)
- Versions for harsh environmental conditions (–40°C to +70°C)
- High-performance in hazardous areas of Zone 2 (ATEX, IECEx)
- Cost-saving due to different product versions (up to 24 ports, Power over Ethernet)
- Industry-compliant retaining collar for data transmission
- Fast error detection thanks to clear diagnostic LEDs
- Different device versions
- Rack version with 6×1 Gbit/s and 2×10 Gbit/s ports

More information

Website

Industry Mall

Get to know all the members of the product family

SCALANCE X-100

You can rely on these unmanaged Industrial Ethernet Switches in machine-level applications for electrical or optical networks – even under harsh environmental conditions.

SCALANCE XB124

For setting up line and star topologies, especially suited for applications in building automation (24 V DC/AC).

Website

Industry Mall

SCALANCE XR124WG (DC 24V)

For use in control rooms and other industry-related environments.

Website

Industry Mall

SCALANCE XC108

With extended applications: e.g., in hazardous areas.

Website

Industry Mall

SCALANCE X101-1 media converter

For the fast and low-cost conversion of electrical signals into optical signals.

Website

Industry Mall

SCALANCE X-200

Perfection for all network topologies – from machine-level applications to networked plant units. With these highly versatile Industrial Ethernet Switches, you rely on a universal solution for setting up line, star, and ring topologies.

SCALANCE XC206-2SFP

Your benefits at a glance

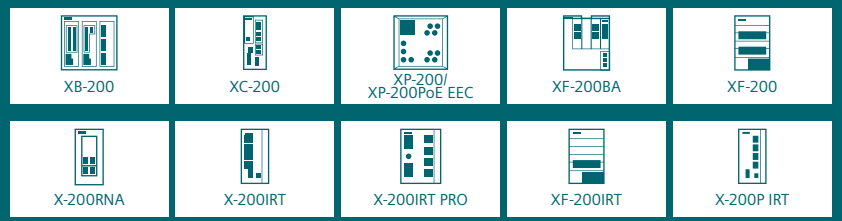
- Customized design of small and large industrial networks
- Easily expandable electrical or optical networks
- Consistent, reliable, and powerful data networks based on proven standards and redundancy procedures
- Continuous network monitoring, diagnostics, and reporting for maximum transparency in industrial networks
- Easy assembly on-site without errors – using the FastConnect mounting system
- Support of MRP Interconnect and RSTP+ redundancy processes
- Versions with PoE and 2×10 Gbit/s SFP ports

More information

Video | Website | Industry Mall

Are you planning to set up line, star, and ring topologies (10/100/1000/10000 Mbit/s) with MRP Interconnect in ring and RSTP+ as redundant connection for electrical or optical paths? The SCALANCE X-200 switches do just that. They also have a compact design available in various port configurations. They offer up to 24 electrical and optical ports in ST/BFOC and SC, as well as versatile configuration through SFP transceivers for distances of up to 200 km. The system family also includes switches with IRT functionality designed for strict real-time applications.

Get to know all the members of the product family



SCALANCE X-200

Perfection for all network topologies – from machine-level applications to networked plant units. With these highly versatile Industrial Ethernet Switches, you rely on a universal solution for setting up line, star, and ring topologies.

SCALANCE XB205-3
with ST/BFOC connection

Real-time communication supported by PROFINET and EtherNet/IP.

Website

Industry Mall

SCALANCE XC206-2G
PoE (DC 54 V)

VLAN and the complete PROFINET or EtherNet/IP diagnostics in one device.

Website

Industry Mall

SCALANCE XC206-2G
PoE EEC (DC 54 V)

VLAN and the complete PROFINET or EtherNet/IP diagnostics in one device.

Website

Industry Mall

SCALANCE XP208 /
XP208EEC /XP208PoE EEC

Up to four Gigabit ports enable the transfer of large volumes of data.

Website

Industry Mall

SCALANCE XF-200BA
DNA ("Y-Switch")

The Y-Switch functionality increases availability and helps avoid plant downtimes.

Website

Industry Mall

SCALANCE XF-200BA

For networks in which high availability or remote diagnostics options are required.

Website

Industry Mall

SCALANCE X-200IRT

Real-time applications on the field level, all the way to high-performance motion control applications – SCALANCE X-200IRT switches based on PROFINET meet these requirements. These extremely versatile switches for setting up isochronous real-time (IRT) Industrial Ethernet networks provide you with a universal solution for the setup of line, star, and ring topologies in time-critical applications.

SCALANCE X-200IRT

IRT

Specially designed for strict real-time applications: for use in an exceptionally wide range of applications.

Website

Industry Mall

SCALANCE X-200IRT PRO

For setting up IRT line and star topologies – also suitable for ring topologies and redun-dant ring connections.

Website

Industry Mall

SCALANCE XF-200IRT

For setting up IRT line and star topologies – with future-oriented switching technology.

Website

Industry Mall

SCALANCE X-200P IRT

For setting up IRT line and star topologies with polymer optical fiber (POF) – also suitable for ring topologies and redundant ring connections.

Website

Industry Mall

SCALANCE X-200

In the course of ongoing digitalization, the data volume in the process industry is growing at an ever increasing rate. Big data necessitates end-to-end communication down to the field level and calls for flexible and reliable communication networks – with the reliable SCALANCE X Industrial Ethernet Switches. PROFINET supports flexible network architectures and also allows the integration of existing PROFINET field buses.

SCALANCE XF-200BA DNA

Process-automation

The Y-Switch functionality increases availability and helps avoid plant downtimes.

BUY Industry Mall

SCALANCE XF-200BA

For networks requiring high levels of availability or remote diagnostic options.

Website

SCALANCE XP208

Up to four Gigabit ports enable the transfer of large volumes of data.

BUY Industry Mall

SCALANCE XC206-2SFP EEC

Increased plant availability with NAMUR-compliant SCALANCE XC200EEC.

BUY Industry Mall

SCALANCE X-300

High functionality and extreme flexibility – these are the features characterizing the SCALANCE X-300 managed Industrial Ethernet Switches as compact devices or as 19" rack versions. They enable you to easily expand your plant networks with Gigabit Ethernet.

SCALANCE XR324-4M

The SCALANCE X-300 switches are valued for their small mounting depth – two switches can be comfortably installed in one control cabinet. This makes them ideally suited for a wide variety of industry-related applications. The SCALANCE X-300 product family features up to 28 Gigabit ports and combo ports and can also bridge long distances thanks to their fiber-optic interfaces (SFP). Some device types also support up to 10 Gbit/s and Power over Ethernet (PoE).

Your benefits at a glance

- Cost-effective and space-saving 19" control cabinet
- Can also be used in hazardous areas
- Full integration into PROFINET or EtherNet/IP diagnostics
- Versions with PoE and 2×10 Gbit/s
- Versions with function extender interface e.g. for connection to SCALANCE LPE

More information

BUY Industry Mall

Get to know all the members of the product family

SCALANCE X-300

High functionality and extreme flexibility – these are the features characterizing the SCALANCE X-300 managed Industrial Ethernet Switches as compact devices or as 19" rack versions. They enable you to easily expand your plant networks with Gigabit Ethernet.

SCALANCE XR328-4C WG

Thanks to modular design: Plant expansion with up to 24 electrical or four optical ports.

BUY Industry Mall

SCALANCE X308-2

For switched networks with high requirements in terms of availability, diagnostics, and transfer rate.

BUY Industry Mall

SCALANCE XCM332

Compact switches for setting up electrical and/or optical line, ring and star structures

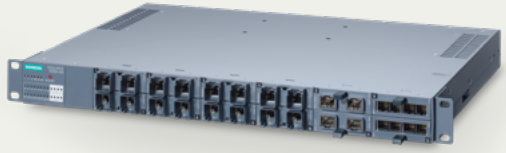
BUY Industry Mall

SCALANCE XR324-4M

Switches with small mounting depths for saving space in the control cabinet – flexibly and economically.

BUY Industry Mall

SCALANCE XR324-4M EEC



Primarily for high-performance plant networks with connections to the corporate network.

BUY Industry Mall

SCALANCE X-400

High performance when space is restricted – that's exactly what the SCALANCE X-400 product line offers thanks to its modular design. It also boasts maximum flexibility in the automation network.

SCALANCE XM416-4C

The demands placed on the communication network are growing. With a plug-in transceiver for distances up to 200 km, the SCALANCE X-400 product family offers you tremendous flexibility in the automation network. Thanks to the modular design, you can expand your Industrial Ethernet Switches with additional port extenders – tool-free. But that's not all: You can improve performance even further by activating Layer 3 functions.

Your benefits at a glance

- Electrical or optical networking via combo ports – even during operation
- High performance and network availability, e.g. via virtual networks (VLANs)
- Tool-free network expansion – even during operation (hot swappable)
- Support for MRP Interconnect and RSTP+ redundancy processes

More information

Website

Industry Mall

Get to know all the members of the product family

XM-400

PE-400

SCALANCE X-400

High performance when space is restricted – that's exactly what the SCALANCE X-400 product line offers thanks to its modular design. It also boasts maximum flexibility in the automation network.

SCALANCE XM416-4C

Expandable by port extenders and plug-in transceivers for a maximum configuration with up to 24 ports.

BUY Industry Mall

Port Extender PE400-8SFP

Thanks to extender modules, network expansions can be performed easily and conveniently without the use of tools – including during operation.

BUY Industry Mall

SCALANCE X-500

Are you planning to restructure your plant network? SCALANCE X-500 gives you the freedom to choose your connection media and use various redundancy concepts. You can easily link your plant network to your enterprise IT.

SCALANCE XR552-12M

A key component with the SCALANCE X-500 is a genuine topology manager for your system network. This creates new scope for creativity when you select your connection media and access the various redundancy options. As a result, you can connect your system network to your office IT system. That means you can enjoy maximum network avail-ability – and you'll continue to enjoy security in the future with all three base devices in the SCALANCE X-500 product family, with their range of media modules up to 10 Gbit/s.

Your benefits at a glance

- Unlimited flexibility in network expansions
- Modifications thanks to full modularity
- Electrical or optical networking via combo ports (SCALANCE XR524-8C/XR526-8C) during operation
- Reduction of stock-keeping costs for different device types due to fully modular design
- Layer 2 and Layer 3 versions available
- High availability due to redundant power supply and redundancy functions
- Diverse versions with different (AC/DC) and optionally redundant power supply for all requirements
- High device performance and transfer of large amounts of data via 10 Gbit/s ports

More information

Website

Industry Mall

Get to know all the members of the product family

SCALANCE X-500

Are you planning to restructure your plant network? SCALANCE X-500 gives you the freedom to choose your connection media and use various redundancy concepts. You can easily link your plant network to your enterprise IT.

SCALANCE XR552-12M

Thanks to full modularity, unlimited flexibility in network expansions with widely variable installation options.

BUY Industry Mall

SCALANCE X for transportation

Punctual rail traffic – thanks to network communication building the foundation for reliable monitoring and precise control of more and more complex transportation infrastructure. Scalance X switches comply with all relevant certifications for wayside/trackside rail traffic as well as onboard/trainside requirements (i.e. EN 50121, EN 50155, or EN 45545).

SCALANCE X005EEC

Onboard / wayside
EN 50155 / EN 45545

For configuration of small-scale Industrial Ethernet star and line topologies with switching functionality.

BUY Industry Mall

SCALANCE XC-200

Specifically for demanding applications, for example in Ex environments; also suited for Gigabit topologies.

BUY Industry Mall

SCALANCE X308-2M TS

Onboard / wayside
EN 50155 / EN 45545

Flexible design for plant networks, including connectivity to the enterprise network.

BUY Industry Mall

SCALANCE XC-200

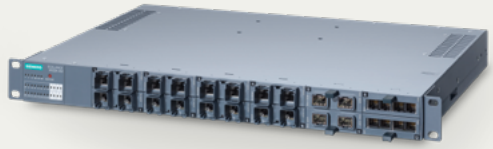
Onboard / wayside
EN 50155 / EN 45545

Reliable, compact design for high availability.

BUY Industry Mall

SCALANCE XR324-4M EEC

Onboard / wayside
EN 50155 / EN 45545



Exceptional performance thanks to high network availability. Modular and powerful.

BUY Industry Mall

SCALANCE XM408-8C

Extendable with PE408PoE port extenders and plug-in transceivers for full system expansion with up to 24 ports.

BUY Industry Mall

SCALANCE X for building automation

Well connected in buildings, thanks to a reliable communication infrastructure. A high-performance and highly available network is often required to enable many single-room control solutions, for example, along with security functions such as intrusion detection, surveillance cameras, or card readers and the integration into fire detection technology. SCALANCE X Industrial Ethernet Switches are perfectly suited to meet these specific demands in building automation, including 24 V AC (50/60 Hz) voltage supply, simple configuration, and fanless operation.

SCALANCE XB004-1

Model with plastic enclosure for fanless operation in the control cabinet or suspended ceiling from –10°C to +60°C.

BUY Industry Mall

SCALANCE XB124

For configuration of line or star structures with switching functionality. Can be used in the control cabinet.

Website

BUY Industry Mall

SCALANCE XB205-3 with ST/BFOC connection

Fiber-optic connection for trouble- free networking between different floor levels, for redundant network design with MRP or RSTR.

BUY Industry Mall

SCALANCE XM416-4C

Layer 3 switch for segmentation of larger networks. Can be expanded with port extenders and plug-in transceivers to up to 24 ports.

BUY Industry Mall

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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 the 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.

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