

Seamlessly Integrated Solution for Smart Factories

Build your smart factory networks to meet future industrial standards and rising bandwidth needs

With an increasing convergence of IT and OT networks, smart factories must be equipped with technologies and components designed to ensure seamless transitions from legacy to high-performing, reliable and secure networks.

- +** **Future-proof the factory network** with solutions capable of ad-hoc transition to higher bandwidths without any major replacement costs
- +** **Maximize network availability** with extensive, embedded security features, eliminating the need to install additional firewalls
- +** **Achieve IT/OT convergence** by prioritizing your business-critical data with TSN and advanced industrial redundancy protocols
- +** **Reduce installation costs** with IP40-rated devices ready to be installed near harsh factory floor environments without needing a cabinet

Belden continues to expand its smart factory product portfolio to offer future-proof, yet cost-effective, network solutions – including the compact, full Gigabit TSN BOBCAT switch.

Benefits of a One Belden Solution

- Seamless integration with legacy technologies
- Ad-hoc upgrades to higher bandwidth (up to 2.5 Gbit/s)
- Ready for the future with TSN capabilities
- Lower total cost of ownership
- Embedded security features to ensure availability
- Compact IP40 design for near factory floor installation



Be ready for increasing network bandwidth and security requirements, while ensuring 100% availability of business-critical data at all levels of your factory network.

**Be certain.
Belden.**

A Complete Networking Solution for Smart Factories

Belden offers a comprehensive portfolio of interoperable products to ensure a seamless, secure and cost-effective solution for uninterrupted production processes.

RELIABLE

Maximum Network Uptime

Improve your network availability through modular and powerful networking devices and redundancy protocols. Prepare for precise and deterministic communication needs with TSN-ready solutions. Swap in redundant power supplies without network downtime.

FAST

High-Speed Data Transfer

Filter and route large quantities of data to the right location at high uplink speeds. Ensure your network can support future bandwidth demands up to 2.5 and 10 Gigabits. Select high-speed, high-port count devices to connect a growing number of networked devices.

SECURE

Protected Data Flow

Keep your OT data and network secure with real-time asset visibility and threat management. Take a comprehensive approach to security by leveraging out-of-the-box appliances built for industrial protocols, and devices with embedded security mechanisms.

VALUABLE

Purpose-Built Functionality

Stretch OT budgets further by investing in future-proof and multi-functional solutions. Get the powerful device features you need without paying for anything extra. Leverage smaller, more compact devices to save valuable space on the factory floor.

Recommended Products



BOBCAT Next-Gen Managed Switches

Compact and powerful switches with up to 24 ports and fast Ethernet speeds up to 2.5 Gbit/s.



GREYHOUND 1040 Gigabit Ethernet Switches

High-performance, modular switches with up to 28 Gigabit ports and a 2.5 Gigabit fiber option.



DRAGON MACH4x00 Backbone Switches

An advanced architecture to transfer more IT/OT network data at speeds up to 10 Gbit/s.



LioN-Power I/O Modules

Highly customizable, multiprotocol digital I/O modules for fieldbus-independent automation.



Tripwire Industrial Visibility Software

Complete network visibility and unmatched threat monitoring – from the DMZ to field I/O devices.



Industrial HiVision Network Management Software

Automatic device identification, configuration and monitoring for resilient network operation.



Provize Core

Intuitive provisioning and supervision software for all Belden network products.



Customer
Innovation
Center



Belden can help you transition to the latest factory automation technologies without completely replacing your legacy installation. The qualified experts at our [Customer Innovation Center \(CIC\)](#) design and develop innovative, customized solutions based on your individual requirements and business objectives.