

Seamlessly Integrated Solution for Material Handling

Keep your material handling systems up and running 24/7 with standardized network technology from a single vendor

Efficient and reliable material handling operations require constant network availability throughout the facility. Belden supports the seamless integration of all key wired and wireless components on one redundant network.

- +** **Seamlessly integrate** wired and wireless technologies for a holistic networking solution to every application need
- +** **Maximize system availability** with extensive, embedded redundancy and security features, even eliminating the need to install additional firewalls in some applications
- +** **Prevent potential failures** before they happen through instant, remote access to intensive diagnostic data
- +** **Save costs** with compact, high-port density devices that can meet any future throughput or PoE needs

Belden offers in addition to its extensive wireless portfolio a compact, high-bandwidth PoE switch designed for time-sensitive material handling applications.

Benefits of a One Belden Solution

- Seamless wired and wireless integration from a single vendor
- Support for more power/throughput needs without adding costs
- Ad-hoc upgrades to higher bandwidth (including 2.5 Gbit/s)
- Access your system data from anywhere
- Flexible installation options with IP20 or IP67 designs



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

Be certain.
Belden.

A Complete Networking Solution for Material Handling

Belden offers a comprehensive portfolio of interoperable products to ensure a reliable, secure and space-saving solution for uninterrupted storage and retrieval processes.

RELIABLE

Remote Management

Efficiently manage material storage and retrieval from anywhere with remote access to system data. View diagnostics and reports, and receive real-time alerts, in order to quickly react to critical situations.

COMPACT

Space-Saving Solutions

Make the best use of warehouse space to keep storage costs down. Select high-performance, multi-function devices that are compact, yet powerful, to place on robots and AGVs. Eliminate the need for special cabinets by putting hardened devices on DIN rails.

COMPATIBLE

Seamless Network Integration

Embrace standard technology to improve interoperability. Leverage future-proof solutions that seamlessly integrate with other technologies, such as wireless and secure remote access.

SECURE

Wired and Wireless Connections

Keep moving and static elements operational, no matter their connection type – wired or wireless. Ensure 100% availability of systems for maximum uptime with embedded security features in switches, wireless devices and firewalls.

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.



LioN-Power I/O Modules

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



M8/M12 Connector & Cordsets

Extensive portfolio of sensor/actuator connectors for factory or machine automation setup.



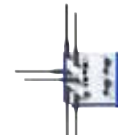
BAT-C2 WLAN Client and Access Point

High-performance, cost-effective and compact wireless solution designed for AGVs and robots.



Industrial Ethernet Patch Cords

Secure, end-to-end data transmission in harsh conditions, from the field/control to management level.



OpenBAT Wireless Platform

Flexible and powerful wireless hardware for high-speed, maximum WLAN availability.



Customer
Innovation
Center



Belden can help you transition to the latest material handling 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.