Reliable Connectivity for Consumer Packaged Goods Applications

ProSoft Technology has wireless, gateway, and remote access solutions to help connect your CPG application.

ProSoft's communication modules are used in a variety of applications, including:

· Automated material handling: AGV tracking and automated storage and retrieval systems

· Logistics and customer fulfillment centers

· Packaging facilities

· Rotary machines

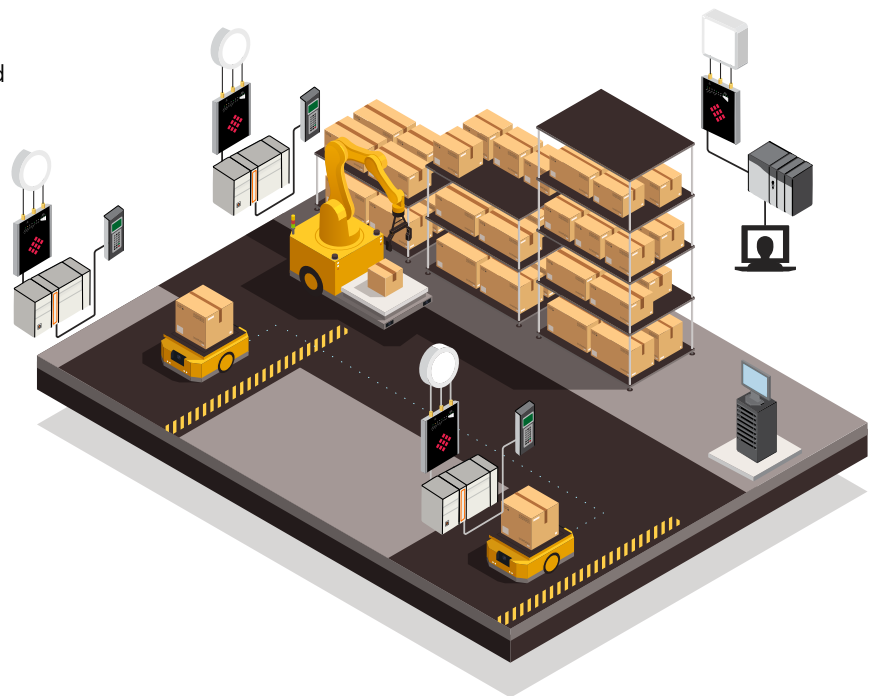· Food and beverage applications, including bottling machines

Reliable communications in your application can help ensure uptime and maintain production levels. ProSoft can help.

Wireless Connectivity

We enable ultra-fast, reliable wireless connectivity, which is a must for any application with mobile equipment, including in logistics and automated material handling facilities. Designed for use in high-performance industrial applications, ProSoft's RLX2 radios:

· Feature an industry-leading **fast roaming time of less than 10 milliseconds,** which helps you reliably keep track of AGVs and other moving equipment.

· Can be **paired with radiating cable** in applications involving bottling or rotary machines as a reliable alternative to slip rings, whose breakage can lead to increased maintenance costs – and downtime.

· Can help you keep workers safe – and minimize downtime – with the use of **safety communications over your wireless network.**

· Can be **quickly deployed**

ProSoft's radios are available in the **2.4 and 5 GHz bands,** and **require only 1 RF channel.**

Learn More:
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Secure Remote Connectivity

ProSoft's remote access solutions provide a secure, streamlined way to connect to equipment from wherever you are. With Belden Horizon™, our intuitive remote connectivity service, companies can:

· **Monitor and troubleshoot equipment** via cellular and wired gateways

· **Avoid the hassle and security risks of software installation and maintenance** thanks to the Web-based platform. In addition, a Defense-in-Depth approach to security helps ensure safe monitoring of equipment.

Machine builders and system integrators can use the service to help **fulfill service commitments,** and end users can control access via Belden Horizon's Virtual Lockout-Tagout capability.

Learn More:
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BELDEN HORIZON™

Data Logging

Need to collect data from remote equipment? ProSoft's Data Loggers do just that without requiring a network infrastructure – ideal for applications that don't have a constant connection. The modules:

· Allow you to store and review information on your equipment's historical performance, providing insight before you head out to the field to troubleshoot.

· Store 16 million time-stamped records

· Allow OEMs to review machine operational data to determine if a warranty claim is valid

· Can help OEMs improve Overall Equipment Effectiveness (OEE) in future designs via the analysis of historical data

The **Data Logger Plus** module features support for the collection of JSON-encoded data, enabling easy exporting of logged data to the business' CRM system.

Standalone Gateway Connectivity

ProSoft has standalone gateways for a variety of protocols used in CPG applications.

· ProSoft's **PROFIBUS gateways** provide high-performance communications for packaging applications, in which reliable connectivity is a must. The modules link equipment using the protocol to EtherNet/IP™, Modbus® TCP/IP, or Modbus serial networks. Each gateway includes a built-in PROFIBUS DP capture utility, helping you cut commissioning time. The ability to create custom Add-On Instructions helps you reduce programming time.

· ProSoft's **Building Automation gateways** help you connect equipment such as HVAC and lighting systems, security panels, thermostats, and more to EtherNet/IP or Modbus control systems. ProSoft's gateways support typical building automation protocols, including BACnet and LonWorks, to bring usage data directly to your controller. You can then use the information to cut energy usage and costs, improve sustainability, and achieve other site objectives. A universal gateway supports 250 or 500 points of application data, depending on the needs of your facility.

Real-World Case Studies

Ensuring perfect sample sizes
A perfume manufacturer needed to connect its scale to its PAC to develop the correct sample sizes. A Modbus solution helped solve the communications challenge.

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Sleever company adds wireless – and boosts production
They're now wrapping five bottles per second, thanks to a new wireless setup.

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Support and expertise for your projects
ProSoft provides a variety of resources and services for wireless applications from initial system design to site surveys to launch support and configuration support.
Tech Support: support@prosoft-technology.com

Contact Us

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