



Solution Brief

ProSoft Technology

Warehousing Communication Solutions

Consumers and vendors want what they ordered, and they want it now. Swift and accurate product distribution are absolutely prized in the era of drone delivery. By implementing solutions designed to help increase communication and inventory accuracy in your facility, you can improve production, reduce labor costs, and streamline delivery.

A scalable, robust wireless communications network is vital for transporting product within your warehouse. Barcode readers and scales can get a communications assist with modules to connect them to your control system. And regardless of how many protocols your warehouse holds, you're bound to find gateways to connect them all at ProSoft. Learn more below about how you'll benefit from communication solutions designed for material handling applications.

Wireless Communications for Moving Parts

From stacker-reclaimers to AGVs to automated storage and retrieval systems, reliable communication is a must when getting your product where it needs to go. A strong wireless network can help you make sure conveyors are running, AGVs are where they need to be, and products are moving toward their next destination on schedule.

Radiating cable can enable clear communications in signal-heavy spots, while ProSoft's Industrial Hotspots are ideal for fast-moving equipment thanks to their Ultra-Fast access point switchover times of less than 10 milliseconds. Reliable ASRS communications via wireless radios can lead to greater accuracy for Just-in-Time applications. Higher pick and pack accuracy can streamline your delivery trucks' loading and departure, helping you meet shipping deadlines.



Conveying reliable communications:

A logistics end user needed a reliable wireless solution for its conveyor path. Learn more in this [case study!](#)

Sorting Solutions

Whether you're a retailer whose inventory is fluctuating year-round or your reputation rests on on-time deliveries (and the accurate scans that precede them), reliable sorting processes are a necessity. From an IIOT standpoint, knowing your inventory levels and processing times can be valuable: This data can help you pinpoint inefficiencies or waste.

The information from your barcode readers and scales would be most helpful sent directly to your control system – but this equipment often uses different protocols. Your barcode reader likely uses Modbus®, while EtherNet/IP™ is a major protocol for controllers. ProSoft offers gateways connecting the two protocols so you can send actionable data directly from your equipment to your control system.



Ensuring the perfect sample sizes:

A perfume manufacturer can now accurately produce its samples thanks to improved communication with their scale. Learn more in the [success story!](#)

Protocol Solutions

Stop us if you've heard this one before: You've commissioned a new piece of equipment from a machine builder. It'll change the game for your operation – increased production, improved delivery times, you name it. Then you find out that it uses a different protocol than your control system. You don't have to go back to the drawing board: ProSoft offers in-chassis modules and gateways for PLC-to-PLC interlocking, SCADA and HMI communications, drive interfacing, and solutions for many other types of control equipment. [Find your protocol solution here!](#)



Connecting packaging equipment in Italy:

An end user specializing in bottle packaging was experiencing a disconnect between its Rockwell Automation® ControlLogix® and a Siemens® S7 system. Learn more in the [use case!](#)

Summary

Improving production and eliminating inefficiencies are top goals for any facility. By implementing industrial radios designed to withstand busy environments and moving equipment, you can ensure reliable delivery. Modules for every major automation protocol can also help enable accurate communications.

[Contact us to learn more!](#)

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▶ Tech Support

ProSoft Technology's technical support is unparalleled in the industrial automation industry. To continue our world-class technical support, we have opened offices in most time zones in an effort to support our customers at a local level. See Regional Tech Support contact information above.



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