

## **Automotive Solutions**

The automotive industry is evolving at a rapid pace. Industrial communications play a vital role in the electrified monorail system, the automatic storage and retrieval system, the paint shop, final assembly and other applications.

ProSoft Technology<sup>®</sup> provides communication solutions, specializing in inchassis and gateway protocol interface modules and wireless communications.

Protocol interface modules include PROFIBUS® DP, PROFINET<sup>®</sup>, Modbus<sup>®</sup>, Modbus<sup>®</sup> TCP, EtherNet/IP<sup>™</sup>, ASCII, ASCII Ethernet, Siemens® Industrial Ethernet and many others.



# Access Your Information to Make Data-Driven Business Decisions

ERP

MES 🗲

SCADA/HMI

EtherNet/IP

PC UA

Factory Floor

Want to access your equipment's historical diagnostic data before you visit your automotive plant to troubleshoot? With a Data Logger Plus, you can see performance history before you make the trek – without putting a strain on your network bandwidth. The module's records can also be used by OEMs to determine if an end user's warranty claim is valid.



Your EtherNet/IP<sup>™</sup> and Modbus® TCP/IP-based equipment likely collects data that could help you improve efficiency in your automotive facility – but how can you get to the information to make those data-backed decisions? With a gateway supporting these two protocols and OPC UA, you can ensure the data you need gets to your ERP and MES. From there, you can act on the data – and your operation can benefit. Welding

Paint Shop

Assembly

Industrial

Access Point

#### **Reliable Wireless for Mobile Equipment**

ProSoft's ultra-fast wireless radios support switchover times of less than 10 milliseconds, ideal for automotive applications with mobile equipment such as automated guided vehicles and similar conveyances. Using a functional safety protocol such as CIP Safety in tandem with your wireless network can also help protect your workers in a facility with mobile equipment. Our PLC Migration Solutions allow your Rockwell Automation® Logix processors to control legacy Texas Instruments<sup>™</sup>, Modcion®, Square Dr, or GE Genius<sup>™</sup> I/O, giving you the freedom to upgrade your system in phases.

#### **PROFINET®** Gateways

EMS

ASRS

Need to share information between Rockwell Automation® PACs and PROFINET-based Siemens® or GE controllers? We have a gateway that is designed to get your data transfers moving quickly.



#### Wireless with Radiating Cable

Our radiating cable transmits spread spectrum 2.4 and 5 GHz RF signals over the entire length of the cable. The long, flexible radiating cable can be used along monorail systems, with overhead cranes, and through tunnels to communicate wireless data in spots that can prove difficult for traditional antenna systems.

The radiating cable and wireless radios are also ideal for skillet line applications. The radiating cable can be used as an alternative to a conductor rail, whose unreliability can affect production. Wireless radios support Ultra-Fast switchover times, ensuring consistent communications.



#### Are you an OEM who needs to monitor equipment around the world?

Cellular and wired remote access solutions offer a secure alternative to jumping

on a plane each time minor troubleshooting is needed, helping you decrease your support travel budget. Belden Horizon™, a cloud-native platform designed to help you gain more value from the IIoT. supports ProSoft's remote access solutions - allowing you to monitor your equipment's performance from anywhere you have an Internet connection.



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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



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