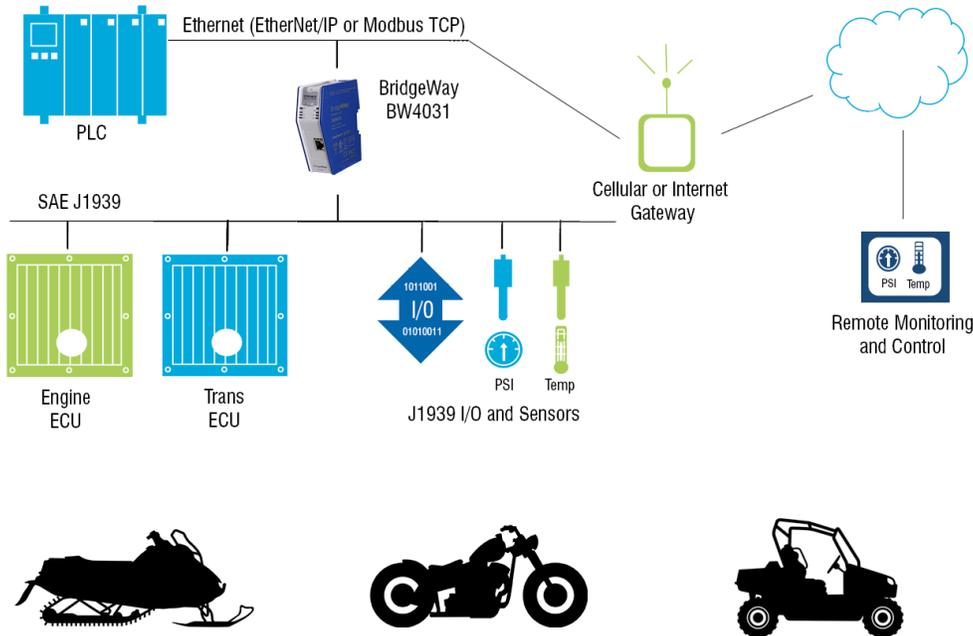


BridgeWay™ Ethernet to J1939 Gateway Interface (BW4031)

Control & Monitoring of a Test Cell Application



Pyramid Solutions' BridgeWay Ethernet to J1939 Gateway (BW4031) is a powerful and flexible product that enables connectivity from Automation Control Systems to Engine and other Vehicle and Equipment Control Systems that use SAE J1939 (over CAN) as the control network.

Application: Vehicle and component test cells that utilize PLCs and other controllers to monitor and control the test process.

Problem: How to enable a PLC or other controller to have the direct ability to monitor, control and provide message simulation over a J1939 network in a test cell scenario.

Solution: The BW4031 allows the Automation Controller to receive and send messages on the SAE J1939 network, enabling the controller to monitor messages from the vehicle and to send or schedule on-demand messages to control the vehicle during the test. This includes sending simulated vehicle messages and monitoring diagnostic trouble codes.

Get up and running with BridgeWay Services

Need help designing a network solution? Configuring or integrating your BridgeWay? We offer consulting, development and system integration services, including custom software development, to help you achieve your specific application requirements.

Flexible BridgeWay gateways and interfaces offer a significant range of functionality and are used in a wide range of applications. Businesses that want to make the most of these capabilities, or even expand on them, can take advantage of our *professional services* expertise, especially when schedules are tight or custom functionality is required. We can create a solution package based on your specific needs, ranging from remote hourly support, to onsite services or turnkey custom development. BridgeWay services include:

- BridgeWay solution network design, installation and configuration assistance
- BridgeWay and network training
- Remote support/consulting services (scheduled hourly services via phone or email)
- Onsite services (fixed price or hourly)
- Custom BridgeWay enhancements and PC software applications

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