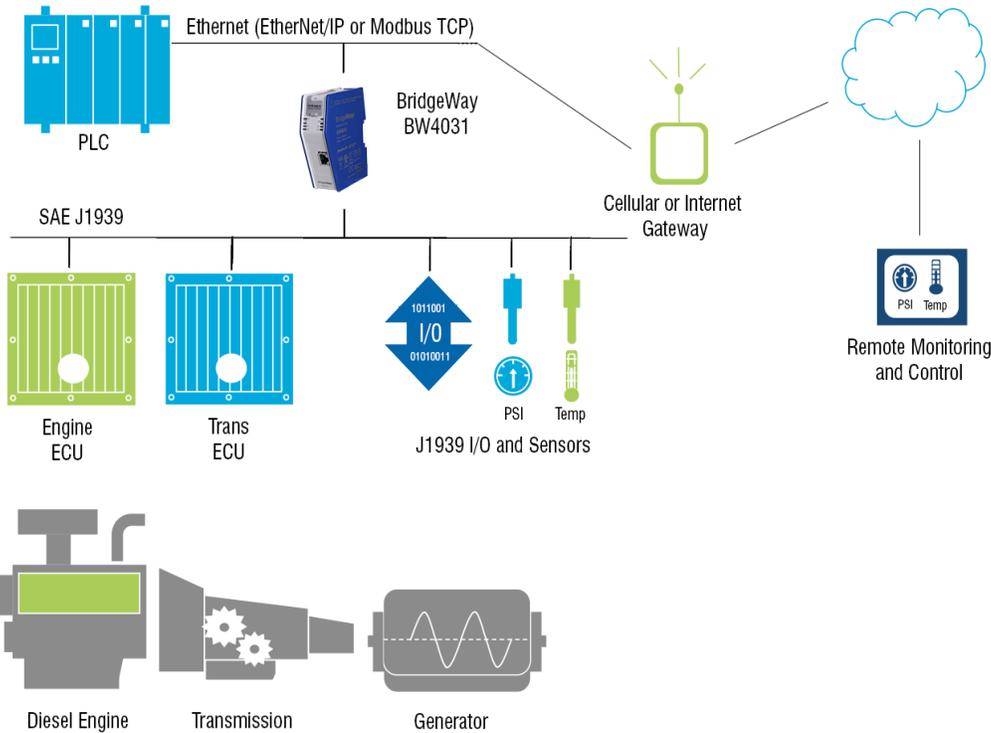


BridgeWay™ Ethernet to J1939 Gateway Interface (BW4031)

Control & Monitoring of a Generator 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: Monitoring and Auxiliary Control of local or remote Diesel engine driven Generators.

Problem: Most Generators are unmanned and are either local or at remote sites around the world. This makes it difficult to monitor the Generator and to provide auxiliary control. This can require access to the SAE J1939 (CAN vehicle network) used to control the diesel engine and to be able to actuate devices, such as louvers for air intake and exhaust.

Solution: The BW4031 allows a local Automation Controller or remote control application to receive and send messages on the SAE J1939 network, which enables direct access to 1939 network data and the ability to perform control operations, which allows viewing of relevant parameters or adjusting the engine speed. In addition, we provide the ability to monitor and control the Generator remotely from around the world.

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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