

By focusing on the unique needs of each customer, Bohr Electronics | CRM has worked with leaders in the rail industry to turn their fleet maintenance objectives into a reality.

Efficient Network Bridging for Legacy Systems Communications Interface Module (CIM)

Bridges Networks

Solves legacy connectivity issues by bridging LDARS networks to serial components.

Low Power

Low-power, compact form factor for efficient use.

Serial Data Management

Serial data such as fuel level and temperature can now be managed with ITC-type agent.

Network Features

“Network” mode for direct network appliance applications.

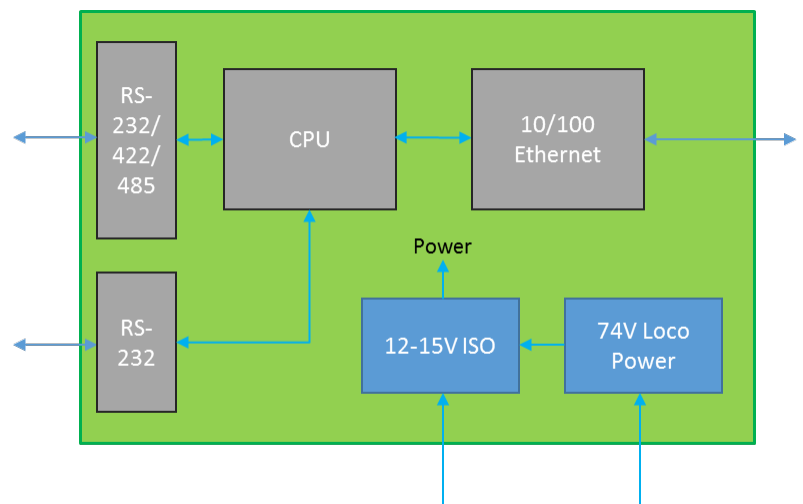


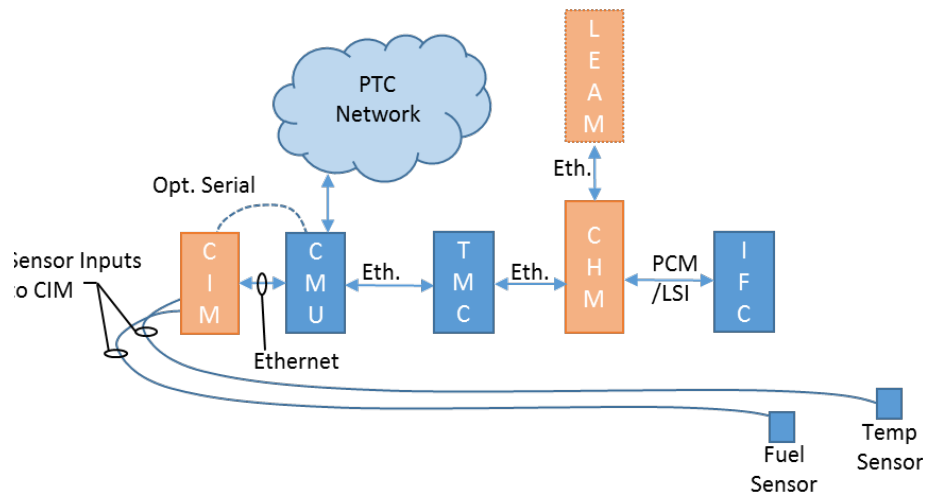
Insight Into CIM Technology

The CIM solves legacy connectivity issues by bridging LDARS networks to serial components in a low-power, compact form factor. It is designed to handle various network configurations and data management tasks efficiently.

CIM Architecture:

- 1x RS-232 Connection
- 1x RS-232/422/485 Connection
- 1x 10/100 ethernet Connection
- Powered from +74VDC, with an option to use an isolated 12V source





Insight Into CIM Technology

Network Mode Data Flow:

- CIM can connect through CMU devices, LDARS CHMs, or other switched network devices on the locomotive.
- Serial data such as fuel level and temperature can now be managed with ITC-type agent or other networking applications/protocols.

Focusing on Improving Operations

Communications Interface Module

Bohr Electronics | CRM equipment portfolio includes the CIM, designed to bridge LDARS networks to serial components. This module ensures efficient management of serial data in a compact and low-power design, making it a versatile solution for modernizing legacy systems.