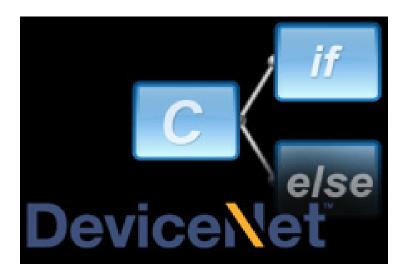# How DeviceNet Works

Lesson Description

DeviceNet is an open-source, robust, low-cost network system used in the automation industry to interconnect control devices for data exchange. The DeviceNet network is classified as a CAN bus network, whose characteristics are high speed communications using analog signals with diagnostics by the network devices.

Lesson Scope

Learners who successfully complete this lesson should be able to:

1. Describe the history and evolution of DeviceNet.
2. Explain how DeviceNet works.
3. Identify the different technologies used by DeviceNet.