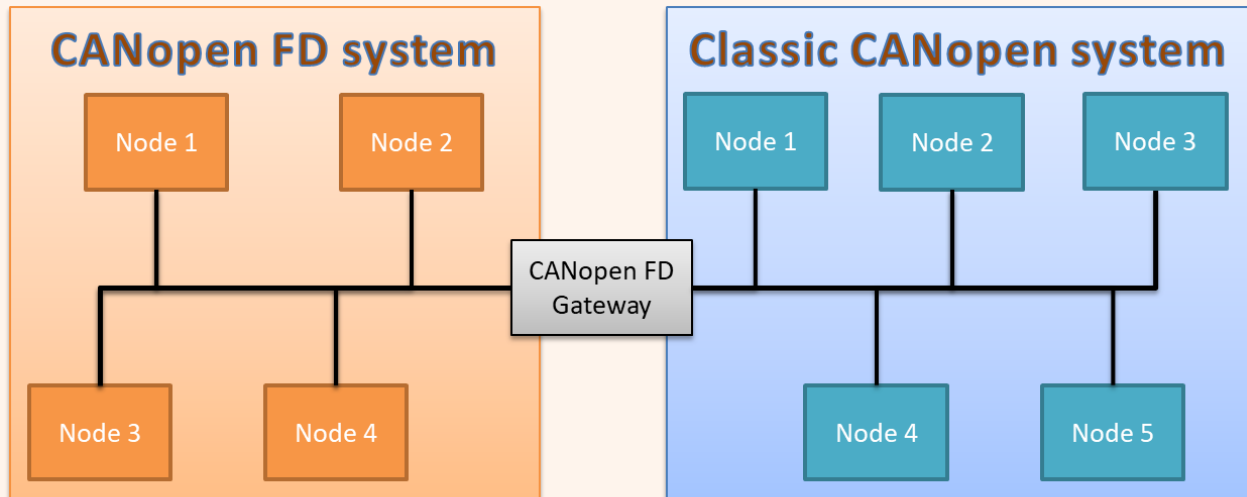


The CANopen FD Smart Bridge / Gateway allows easy integration and mix of classic CANopen devices with a CANopen FD network.



The CANopen FD Gateway connects classic CANopen devices to CANopen FD

The CANopen FD USDO protocol (Universal Service Data Object) supports routing of messages through gateways. This gateway allows any CANopen FD node to directly address the nodes on the classic CANopen side using an USDO request. The request gets converted to a regular SDO client request on the CANopen side. The SDO response returned is then passed back to the CANopen FD side as USDO response.

To the CANopen FD side, the gateway is a CANopen device and acts as gateway for routed USDO requests

CANopen FD Gateway

To the CANopen side, the gateway is a CANopen Manager using SDO client requests to address nodes

Hardware

The Gateway FD is based on PEAK's PCAN-Router FD and available in two versions. The difference between the two is the connector used. One uses the common CAN plug D-Sub 9 pin, one for each CAN interface. The other uses a 10pin industrial Phoenix screw-terminal for both CAN ports.

The operating voltage supply can be in the range from 8V to 30V. The operating temperature range is from -40 to 85 °C (-40 to 185 °F).



Order codes (software only, requires router)
ES-FWRT-BR: Bridge / Gateway FD firmware