

MDS iNET 900®/ENI

EtherNet/IP connectivity for MicroLogix and other DF1 devices without an adaptor



Features/Benefits

- EtherNet/IP Compatibility for any DF1 full duplex device without an adaptor
- Upload or Download programs and configuration over Ethernet
- Allows attached DF1 devices such as MicroLogix, SLC 5/03 and CompactLogix to initiate and receive messages with other Ethernet devices, SLC 5/05, PLC-5, and ControlLogix
- Compatible with 3rd party DF1 devices
- Peer-to-peer communication
- Email communication enables a connected device to send an ASCII message to any computer, pager or cell phone capable of receiving an email message
- Compatible with Rockwell ENI Utility

GE MDS...Global wireless solutions. Industrial Wireless Performance.

For more than two decades, GE MDS has been providing highly secure, industrial strength mission critical wireless communications solutions for a broad spectrum of public and private sector clients worldwide. With an installed base approaching 1,000,000 radios in 110 countries, GE MDS offers both licensed and license-free solutions with applications in SCADA, telemetry, public safety, telecommunications, and online transaction markets.

MDS iNET 900® with additional embedded functionality

The MDS iNET 900®/ENI embeds the functionality of Rockwell's 1761-NET-ENI adaptor and other controller-specific gateway adaptors resulting in the wireless extension of EtherNet/IP to any DF1 full duplex device.

The iNET/ENI provides EtherNet/IP connectivity for MicroLogix, SLC 5/03 and PLC controllers as well as EtherNet/IP migration for the installed base of SLC, PLC and 3rd party DF1 devices. Computers operating RSLogix/RSLink can connect to EtherNet/IP via the iNET/ENI using a RS232 port allowing online sessions and program upload and download.

It also eliminates the cost and support requirements of a separate gateway adaptor at each serial device resulting in a range of functionality and wireless connectivity unmatched by any other wireless manufacturer.

GE MDS enabling wireless network connectivity

The iNET/ENI represents the next step in GE MDS' commitment to enabling wireless network connectivity. The iNET 900/ENI provides EtherNet/IP connectivity to any serial device using the full duplex DF1 protocol. This includes any Allen Bradley MicroLogix, CompactLogix, SLC 5/03 or PLC-5 controllers plus any DF1 3rd party device.

Until now, a separate gateway adaptor has been needed to convert serial DF1 protocol to EtherNet/IP. These gateway services are embedded directly on the iNET 900/ENI resulting in tangible benefits to our customer by:

1. Reducing cost of ownership. Separate gateway interfaces are no longer required.
2. Providing a more robust system topology by reducing the components (failure points) needed for an EtherNet/IP network.

The iNET 900/ENI carries all the same features of our standard iNET including options for an additional serial port at the remote radio or an additional Ethernet connection. Configuration of the iNET 900/ENI is accomplished via simple menus accessible via Internet Explorer or Telnet sessions. Existing ENI configurations created using the ENI utility are fully compatible with iNET 900/ENI.

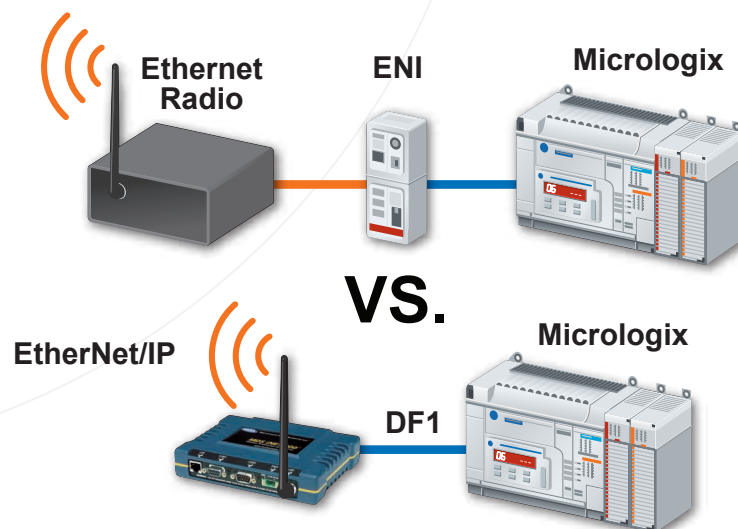
Please refer to the iNET 900® data sheet for additional information.



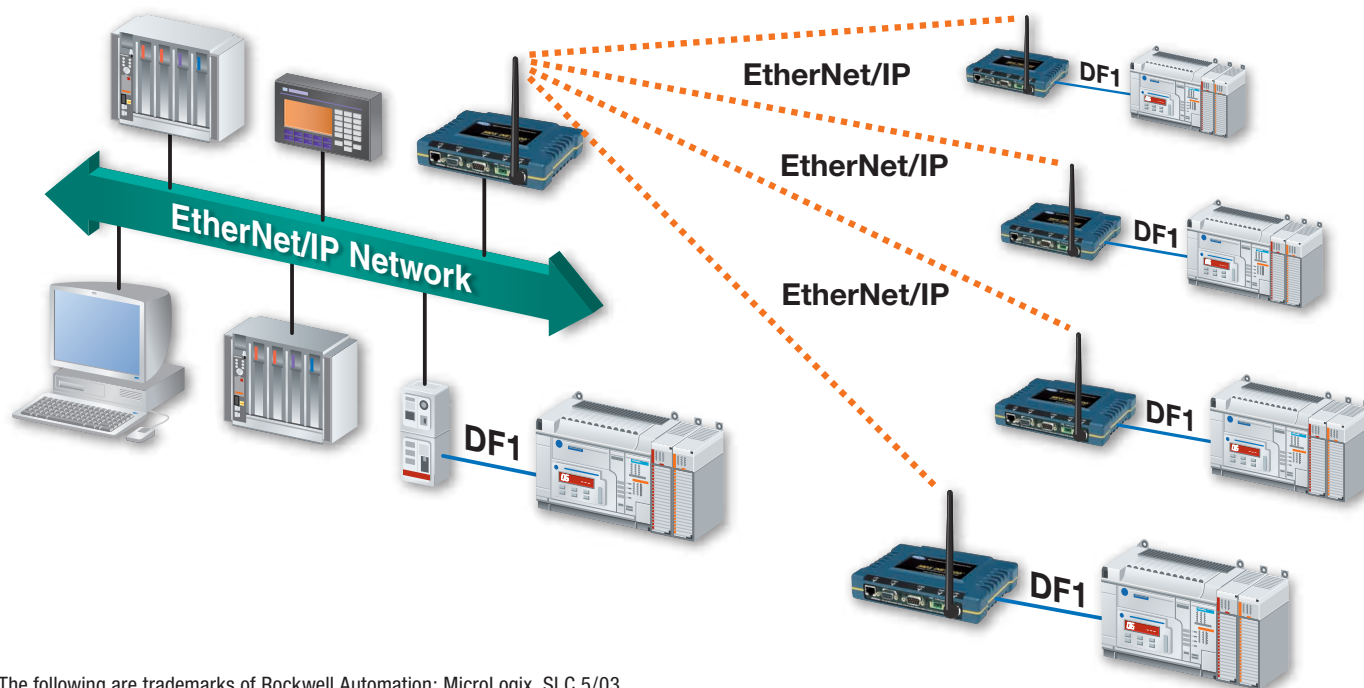
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MDS iNET 900®/ENI Application Information

Traditional EtherNet/IP radios require adapters for serial devices



Wireless EtherNet/IP connectivity for DF1 devices using MDS iNET 900®/ENI
No adapters required



The following are trademarks of Rockwell Automation: MicroLogix, SLC 5/03, SLC 5/05, CompactLogix, PLC-5, ControlLogix, Rockwell ENI Utility, and RSLogix/RSLink.



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