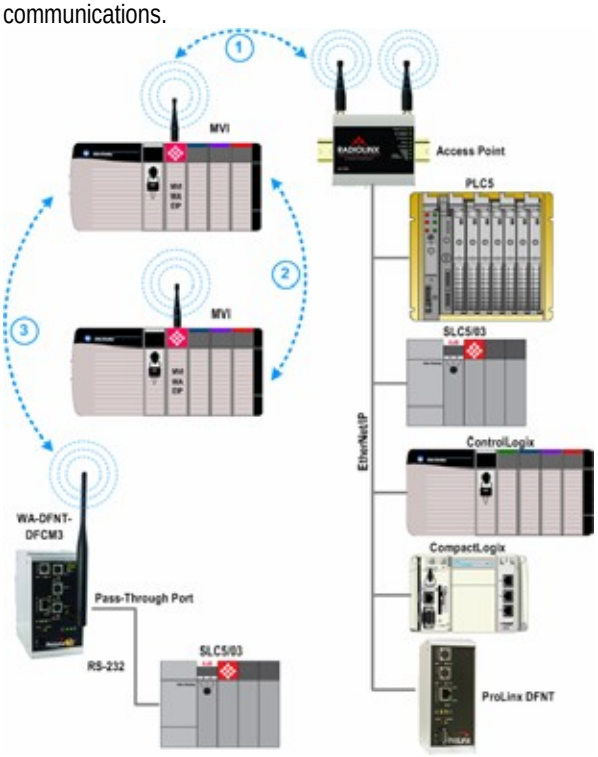
DISCONTINUED

In-Chassis High Speed Wireless EtherNet/IP Communication Module

MVI56-WA-EIP

The In-Chassis High Speed Wireless EtherNet/IP Communication Module creates a powerful wireless connection between your PC or Laptop and a remote ControlLogix processor. The bridging functionality allows access to other processors in other racks through different networks, using RSLinx, RSLogix, RSView or RSNetWorx. The module emulates similar 1756-ENBT Ethernet module features when used with PC (RSLinx) to processor communications.



Features and Benefits

Wireless EIP communications extend and enhance ProSoft Technology's range of wireless products. The MVI56-WA-EIP allows PC to ControlLogix processor communications using an 802.11 wireless network. The module acts as a server to RSLinx based connected services bridged between a ControlLogix processor and PC running RSLinx.

MVI56-WA-EIP is capable of supporting up to 10 distinct clients, explicit, unconnected messaging only. Thre are 20 types of read/write message capabilities, including CIP, SLC and PLC5.

The module allows for multiple programs including RSLogix 5000 to communicate simultaneously to the processor. The 802.11 wireless networks can be set up for PC to Wireless Router (infrastructure) or PC to PC (Ad hoc) modes of communications.

High Speed Wireless EtherNet/IP Communication Module

MVI56-WA-EIP

The MVI56-WA-EIP module provides users with wireless ControlLogix bridge functionality. With the MVI56-WA-EIP Module, you can communicate over wireless Ethernet from your PC to any ControlLogix chassis. Use the MVI56-WA-EIP module to connect PC and Laptops running RSLinx. Connect online with your processor using RSLogix or RSView (RSView 32 or RSView SE). Configure your ControlNet or DeviceNet networks with RSNetWorx.

How to Contact Us: Sales and Support

All ProSoft Technology® products are backed with unlimited technical support. Contact our worldwide Technical Support team directly by phone or email:

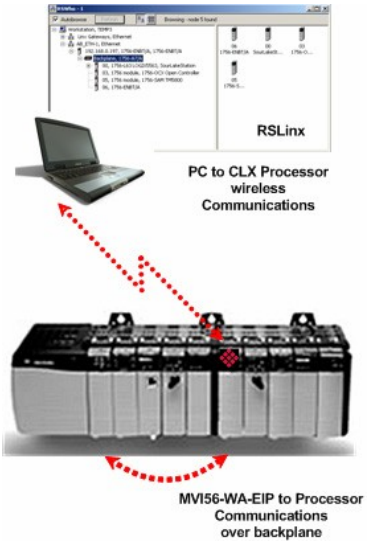
Asia Pacific
+603.7724.2080, asiapc@prosoft-technology.com
Languages spoken include: Chinese, Japanese, English

Europe - Middle East - Africa
+33 (0) 5.34.36.87.20, support.EMEA@prosoft-technology.com
Languages spoken include: French, English

North America
+1.661.716.5100, support@prosoft-technology.com
Languages spoken include: English, Spanish

Latin America (Sales only)
+1.281.298.9109, latinam@prosoft-technology.com
Languages spoken include: Spanish, English

Brasil
+55-11.5084.5178, eduardo@prosoft-technology.com
Languages spoken include: Portuguese, English



General Specifications

- Single Slot - 1756 backplane compatible
- PC to processor communication (RSLinx version 2.51 or newer)
- The module is recognized as a 1756-ENBT/A Communication Module
- Configuration data obtained from configuration text file downloaded to module. Sample configuration file included
- Reside in Local or Remote chassis and function as a bridge to a ControlLogix processor
- Supports ad-hoc or infrastructure modes.
- Supports up to 20 simultaneous connections.

Hardware Specifications

Specification	Description
Backplane Current Load	800 mA @ 5 V DC; 3mA @ 24V DC Operating
Temperature	0 to 60°C (32 to 140°F)
Storage Temperature	-40 to 85°C (-40 to 185°F)
Shock:	30g Operational 50g non-operational Vibration: 5 g from 10 to 150 Hz
Relative Humidity	5% to 95% (non-condensing)
LED Indicators:	RF Signal Level RF Data Status RF Link Status Serial Activity
Debug/Configuration port (CFG)	
CFG Port (CFG)	RJ45 (DB-9M with supplied cable) RS-232 only
Shipped with Unit	RJ45 to DB-9M cables for each port 6-foot RS-232 configuration cable 5dbi Omni Articulating Antenna

Functional Specifications

- PC to PLC communications
- RSView (RSView 32 and RSView SE) are supported
- PLC to PLC communications is supported for explicit messaging as a server
- Program different processors in different racks with the bridging functionality

General Radio Specifications

Specification	Value
Frequency	2.4 GHz band (2400 to 2483.5 MHz)*
Wireless medium	DSSS - Direct Sequence Spread Spectrum (802.11b)
Output power	32 mW (15 dBm)
Channel data rates	11, 5.5, 2, 1 Mbps
Channels - user selectable	1 through 11* **
Receive Sensitivity	-83 @ 11 Mbps -86 @ 5.5 Mbps -89 @ 2 Mbps -92 @ 1 Mbps
Security	WEP 64/128 Encryption
Antenna Ports	Two RP-SMA connectors, automatic antenna diversity
Bit Error Rate (BER)	Better than 10^{-5}

* Varies with country regulation
** Some European countries such as France allow fewer channels

Additional Products

ProSoft Technology® offers a full complement of hardware and software solutions for a wide variety of industrial communication platforms.

Visit our web site at http://www.prosoft-technology.com for a complete list of products.

December 16, 2013