

## Benefits

- No PC, widgets or other software required
- Enables EtherNet/IP adapter functionality
- Works on FX7400, XR440, 450 and 480 RFID readers
- Works with ControlLogix, CompactLogix and other EtherNet/IP scanner devices

## The EIPLD-M Contains

- EtherNet/IP to LLRP middleware and driver (Class 1 Gen 2 RFID tags only)
- Software Reference Manual
- Sample PLC logic (ControlLogix)
- EDS files
- Built-in product-specific phone/email technical support
- Installation and license manager utility
- User documentation

**EtherNet/IP™**

**PYRAMID  
SOLUTIONS**

# NetStax™ EIPLD-M

## ETHERNET/IP TO LLRP MIDDLEWARE AND DRIVER

Pyramid Solutions' NetStax™ EtherNet/IP to LLRP Middleware and Driver Package (EIPLD-M) enables you to quickly interface your Zebra FX7400, XR440, 450 or 480 series fixed RFID reader to ControlLogix or CompactLogix controllers via EtherNet/IP. The EIPLD-M also works with any other EtherNet/IP Scanner Class (client) compatible device because it utilizes standard methods of communicating with the RFID reader on EtherNet/IP.

It utilizes the reader's existing Low Level Reader Protocol (LLRP) interface to allow the host PLC or other controller to configure/command the reader, and read/write RFID tag data through EtherNet/IP, using standard EtherNet/IP messaging.

Our product helps keep your plant floor equipment and cabling simple and error-free. Systems integrators will also benefit from this solution because it requires minimal logic to interface to the Reader via EtherNet/IP.

A Node (per RFID reader) license distributes the EIPLD-M middleware and driver.

## Features

- Supports multiple read points (antennas)
- Operates in autonomous, on demand or trigger mode
- Allows controller to enable/disable and set power for individual antennas
- Performs EPC inventory
- Allows read/write capability for all four Class 1 Gen 2 tag memory banks
- Enables direct communications with the host controller-no PC required



RFID Reader

## Compatibility

### EtherNet/IP Compatibility

- Enables EtherNet/IP Adapter Class functionality for the reader
- Uses Class 1 (I/O) messaging
- Assembly objects contain tag data, configuration and command information
- Supports explicit messaging

### Zebra RFID Reader Compatibility

- Compatible with Zebra FX7400, XR440, 450 and 480 RFID readers
- Requires no additional resources or hardware changes to the reader

