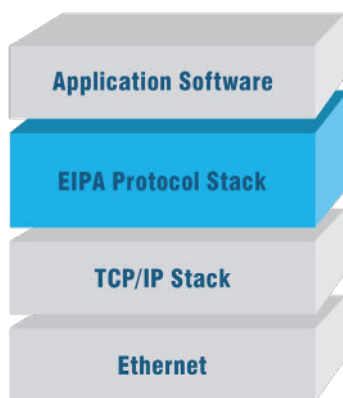


Benefits

- Tested with ODVA CT19
- High performance
- Out-of-the-box examples
- Minimized resource
- Rich set of features
- Works with Windows TCP/IP stack and standard PC/Laptop Ethernet NICs

EIPA Contains

- EIPA Getting Started and Software Reference Manuals
- EIPA Adapter DLLs (32 & 64bit) with C++ function call API and C# API for .NET applications
- Adapter Class example code
- Application notes with code samples
- Sample SOC files for pre-conformance testing
- Sample EDS files



PYRAMID
SOLUTIONS

NetStax™ EIPA

ETHERNET/IP ADAPTER DLL KIT

ENABLING CONFORMANT ETHERNET/IP CONNECTIVITY

Pyramid Solutions' EtherNet/IP Adapter DLL Kit (EIPA) enables you to quickly introduce EtherNet/IP Adapter Class functionality into your PC-based products and systems.

The EIPA stack provides EtherNet/IP I/O Server, Message Server and Message Client functionality (unconnected Explicit messaging only).

It also provides a logical and manageable Application Programming Interface (API) for developing Windows and .NET applications with the supplied 32 and 64 bit DLLs and .NET Interface.

Since the EIPA stack is compatible with the standard Windows TCP/IP stack and standard PC / Laptop Ethernet NICs, you can get up and running quickly with no additional hardware or drivers required.

Pyramid's EIPA is distributed under a royalty free software license agreement.

The EIPA comes with 12 months of download access to the latest version and built in phone/email tech support.

Additional services options are available to assist you with EtherNet/IP requirements, design, EIPA Stack integration, pre-conformance testing and more.

EIPA Features

EtherNet/IP Compatibility

- Tested with ODVA CT19
- Enables EtherNet/IP Adapter Class functionality for your product
- UCMM (unconnected) message client and server
- Class 3 (connected) message server
- Class 1 (I/O) connection server
- CIP Security*

Resource Utilization and Management

- All resources initialized at stack startup
- No dynamic memory or thread allocation
- Runs on a single thread

Platform, OS and TCP/IP Stack Compatibility and Portability

- Compatible standard Windows TCP/IP stack and PC/Laptop Ethernet NICs
- Compatible with Microsoft Windows 7, 8.x, 10 and 11
- v5.2 examples were built and tested with .NET version 4.8
- 32 and 64 bit DLLs included

Supported/Included Objects

- Message router
- Connection manager
- DLR**
- CIP Sync**
- Port
- QOS
- Identity
- EtherNet link
- TCP/IP
- Assembly
- File object
- Class 0 support
- Energy object
- LLDP objects
- User defined objects

* The EIPA-SECURE option is required to enable CIP Security features using the SSL Library you provide

** These objects are for configuration only. No DLR or IEEE 1588 software or hardware is provided

EtherNet/IP™