

NetStaXEIPS

EtherNet/IP Scanner DLL Kit

Pyramid Solutions' NetStaX™ EtherNet/IP Scanner DLL Kit (EIPS) allows you to quickly introduce EtherNet/IP Scanner Class functionality into your PC based products and systems.

The EIPS' EtherNet/IP Scanner Class software protocol stack provides I/O Server, I/O Client, Message Server and Message Client functionality. The EIPS software provides an Application Programming Interface (API) for using Common Industrial Protocol (CIP) via TCP/IP. The EIPS software interfaces with your product's application software and socket level TCP/IP interface. The EIPS consists of the EIPS DLL, C# API, COM API and include files, example Scanner Class application software, reference manuals, application notes with code and sample STC and EDS files.

The EIPS' protocol stack is capable of originating a variety of I/O connections based on the user connection configuration set via the application or the network. The EIPS Connection Configuration Object (CCO) provides the interface necessary for software tools to configure connections across the network. The EIPS Scanner can be configured through Rockwell Software's RSNetWorx™ for EtherNet/IP or other devices supporting the CCO.

The EIPS is distributed under a royalty free software license agreement.

EIPS Features and Kit Description

EtherNet/IP Compatibility

- Enables EtherNet/IP Scanner Class functionality for your product
- UCMM (unconnected) messaging Client and Server
- Class 3 (connected) messaging Client and Server
- Class 1 (I/O) connection Client and Server

Resource Utilization and Management

- All resources initialized at startup
- No dynamic memory or thread allocation
- Stack runs on a single thread
- Dynamic registration of additional objects for client application processing

Platform Compatibility

- Compatible with Microsoft Windows XP, Vista, Windows 7
- 32 and 64 bit DLLs included

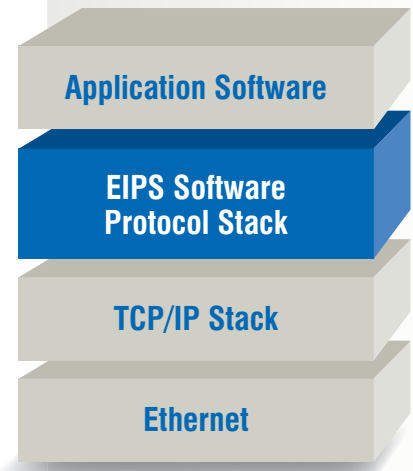
Supported/Included Objects & New Features

- Message Router
- Connection Manager
- Port
- Modbus Translator
- Ethernet Link
- TCP/IP
- Connection Configuration Object
- Assembly
- Identity
- Custom Objects
- File Object

Complete EIPS Developers' Kit includes:

- Example Scanner Class Application (binary and source provided)
- EIPS getting started and software reference manuals
- EIPS COM Server for using the EIPS with VB6 and .NET Applications
- EIPS COM Server Component reference manual
- STC file included for conformance testing. Easily modifiable for updated identity information.
- Sample EDS file that includes use of the EIPS as a Class1 connection originator by software tools, such as RSNetWorx for EtherNet/IP

- Shipped ready-to-run
- Out-of-the-box example code
- High performance
- Rich set of features
- Designed for quick integration



EtherNet/IP is a registered trademark of ODVA

Windows is a registered trademark of Microsoft Corporation

Contact us.

For more information, please contact:

Glenn Beal: +1 248 549 1200 x231
gbeal@pyramidsolutions.com

