

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

The EIPS' EtherNet/IP Scanner Class software protocol stack provides I/O Server, I/O Client, Message Server & 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 products application software and socket level TCP/IP interface. The EIPS consists of the EIPS DLL, C# API, COM API & include files, example Scanner Class application software, reference manuals, application notes with code and sample STC & 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.

For additional information and pricing, please call 248-549-1200 ext. 231 or email gbeal@pyramidsolutions.com.

EIPS Features & Kit Description

▪ EtherNet/IP Compatibility

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

▪ Resource Utilization & Management

- ✓ All resources are 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/2000/NT)

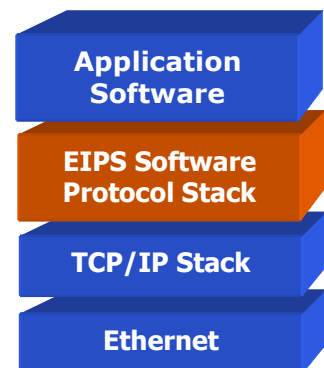
▪ Supported / Included Objects & New Features

- ✓ 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 & source provided)
- ✓ EIPS Getting Started & Software Reference Manuals
- ✓ EIPS COM Server for using the EIPS with VB6 & .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*



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