# **EtherNet/IP Scanner Simulator EIPScan**

#### **Overview**

The EtherNet/IP Scanner Simulation Tool (EIPScan) is a PC/Windows<sup>TM</sup> application that simulates an EtherNet/IP Scanner Class device (connection client & server) to enable product engineers to test and debug EtherNet/IP connected products under development.

EPScan Test Tool - test12.clg	
View Network Bequest \$70 Help	
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<b>1</b> ×	EIPScan Test Tool
lequest (all fields, but IP addresses are in her)	S
Send Request to:	
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Request Data. Each tote is a 2 char Nex	1794-OB8 Flex VO Module
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	00 00 00 00 67 34 co a2 00 f0 0f 00 00 00 00 00 55 98 00 00 00 00 00 00 00
	00 00 00 00 00 00 12 22 00 00 00 34 00 00 00 00 00 00 00 00 bb bb 00 00 00
Telestarp Message	
16:59:13:867 New connection opened with Id 16:59:15:660 New connection opened with Id	
16:59 19:445 New connection opened with Id	- 04580
17 03 14 564 New connection opened with Id	

### Description

EIPScan provides EtherNet/IP I/O Server, I/O Client, Message Server & Message Client functionality. EIPScan is capable of originating a variety of I/O connections based on the user set connection configuration. EIPScan is compatible with Rockwell Software's RSNetWorx<sup>TM</sup> for EtherNet/IP for local or remote network configuration.

#### **EIPScan Features:**

- Simulation & Testing
  - □ View Input data
  - □ View and modify Output data
  - □ Graphically add & display devices on the network
  - □ Configure & schedule connections
  - □ Automated testing of explicit & implicit connections
- EtherNet/IP Compatibility
  - □ Scanner Class (client / originator) functionality
  - □ UCMM (unconnected) messaging client & server

- □ Class 3 (connected) messaging client & server
- □ Class 1 (I/O) connection client & server
- Supported / Included Objects
  - □ Message Router
  - □ Connection Manager
  - $\Box$  Identity
  - □ Ethernet Link
  - □ TCP/IP
  - $\Box$  Port
  - $\Box$  Assembly
  - □ Connection Configuration Manager

#### **System Requirements**

Operating System:	Windows <sup>TM</sup> NT, 2000 or XP, LINUX <sup>TM</sup>
Processor:	Pentium III or better, 633MHz
RAM:	256 MByte
Harddisk Space:	>20 MByte available

## **Scope of Delivery**

- EtherNet/IP Scanner Simulation Tool executable
- User Reference Manual
- EDS file compatible with RSNetWorx for EtherNet/IP

### **Ordering Information**

1850/10 EIPScan (Full Version, Windows®)





#### **Engineering Services**

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- Industrial Ethernet Protocols: POWERLINK, EtherNet/IP, EtherCAT
- Implementation of devices according to CANopen device profiles
- VHDL based solutions for industrial applications
- application specific implementations or enhancements
- embedded LINUX projects

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