

SELF-PACED LESSONS

RSTrainer Introduction

*Course Pre-Test**

Introduction

- EtherNet/IP Overview
- IP Address Overview

Designing EtherNet/IP Networks

- Designing EtherNet/IP Networks
- Optimizing an EtherNet/IP Network

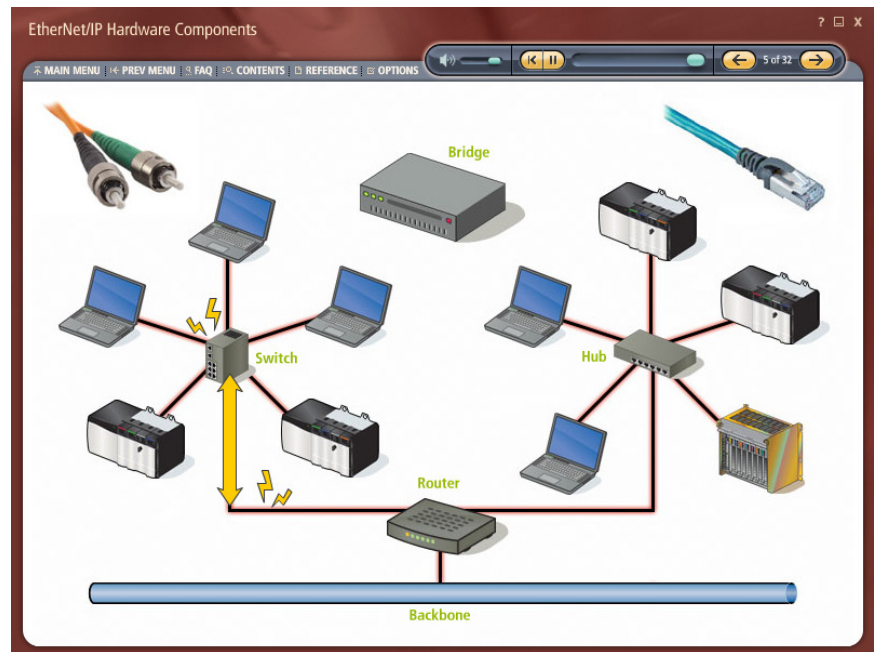
Configuring EtherNet/IP Drivers and Addresses

- EtherNet/IP Module Configuration Overview
- Configuring an EtherNet/IP Communications Driver Using RSLinx
- Pinging an IP Address
- Configuring and Modifying EtherNet/IP Addresses Using BOOTP-DHCP Server Software
- Configuring and Modifying EtherNet/IP Addresses Using RSLinx Software
- Configuring and Modifying EtherNet/IP Addresses Using RSLogix 5000 Software

*Course Post-Test**

* This course must be used with *RSTrainer Enterprise Edition Student Manager* to complete the course pre- and post-tests.

RSTrainer® for EtherNet/IP - Hardware and IP Addressing e-Learning Courses



Course Purpose

This interactive, self-paced training course explains the fundamentals of Ethernet Industrial Protocol (EtherNet/IP) hardware and IP addressing. During the course, you will learn how to design and optimize an EtherNet/IP network and configure an EtherNet/IP driver and IP addresses for EtherNet/IP devices.

Helpful animations, background information, answers to frequently asked questions, and links to other reference materials provide you with a variety of knowledge and learning tools. These tools will provide you with the knowledge required to select the appropriate hardware when designing EtherNet/IP networks, configure an EtherNet/IP driver, and configure EtherNet/IP addresses using RSLogix 5000 software, RSLinx software, and BOOTP-DHCP software.

You will also be given multiple opportunities to test your knowledge through question and answer sessions. These question and answer sessions will allow you to gauge your knowledge level and help you identify areas for improvement.

Intended Audience

These e-learning courses are intended for the following audiences:

- Individuals who prefer self-paced instruction
- Individuals who cannot attend classroom training
- Individuals who are responsible for designing EtherNet/IP networks
- Individuals interested in optimizing EtherNet/IP networks, configuring communications, and configuring EtherNet/IP addresses

Prerequisites

To successfully complete this course, you should be able to perform basic Microsoft® Windows® tasks.

Web-Based or Computer-Based Training

Choose the training delivery method that best suits your needs:

- RA University Online web-based training is stored on a server and accessed across a network via the Internet. Web-based training permits unlimited usage for a single, licensed user.
- The RSTrainer computer-based CD-ROM format permits unlimited usage on a single, licensed computer. Computer-based training does not require an Internet connection; therefore, learning can take place anytime and anywhere a computer is available.

Learning Activities & Features

Rockwell Automation e-learning courses include the following features:

- Pre- and post-testing (when used in conjunction with *RSTrainer Enterprise Edition Student Manager*)
- Information overviews
- Discussions of basic principles and/or concepts
- Descriptive and detailed technical explanations
- Animated sequences and interactive simulations
- Interactive and integrated practice exercises
- Online help
- Index to locate specific course topics
- Embedded Adobe® Acrobat® PDF files of User Manuals and Installation Guides
- Links to useful reference material
- Glossary of terms

In addition, the RA University Online web-based training courses offer the following unique features:

- Embedded learning management system
- Administrative features

To Purchase

To register for this or any other Rockwell Automation training course, contact your local authorized Allen-Bradley Distributor or your local Sales/Support office.

You can also access course information via the Web at <http://www.rockwellautomation.com/training>

Catalog Numbers

- *RSTrainer for EtherNet/IP – Hardware and IP Addressing*: **9393-RSTENET1ENE**
- *RSTrainer Enterprise Edition for EtherNet/IP – Hardware and IP Addressing*: **9393-RSTENET1ENF**
- Web-based *EtherNet/IP – Hardware and IP Addressing* ePass: **WBT1PACK** (equivalent to 1 course)

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