

SELF-PACED LESSONS

RSTrainer Introduction

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- Course Introduction

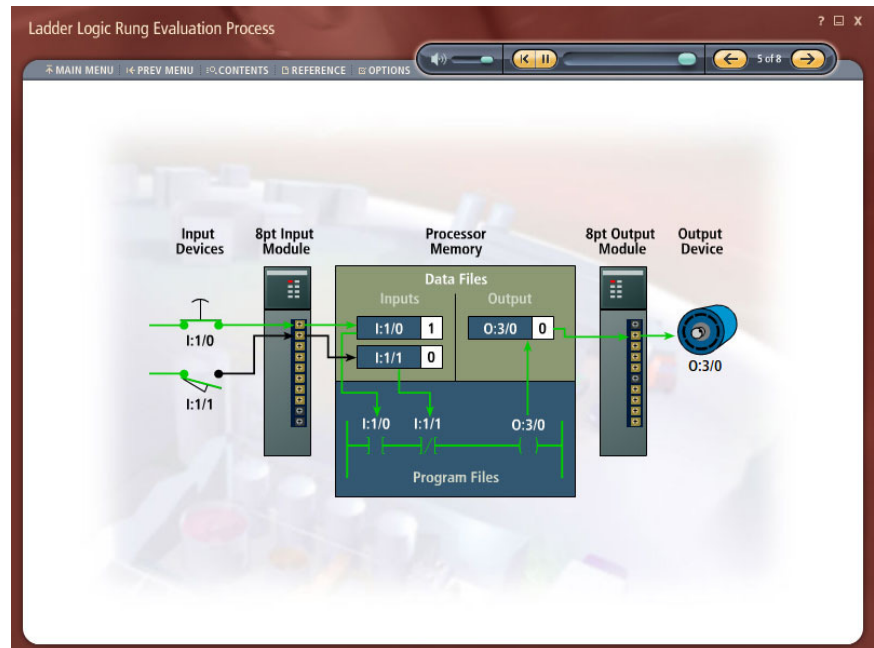
Addressing

- Memory Organization
- Address Types
- Indexed Addressing
- Indirect Addressing

Programming Overview

- RSLogix 500 Background
- Numbering System
- Ladder Programs
- Operating Cycle
- Status File

RSTrainer® for SLC 500 – Programming Fundamentals e-Learning Courses



Course Purpose

This interactive, self-paced training course teaches you the core programming concepts of SLC 500 control systems. During the course, you will learn about memory organization, addressing, ladder logic concepts, and the SLC 500 operating cycle. You will also be provided with an overview of RSLogix™ 500 software.

Helpful animations, background information, 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 understand the usage of addressing formats and basic instructions in an RSLogix 500 project, and the numbering systems in an SLC 500 system.

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
- Users of Rockwell Automation SLC 500 processors who need refresher training
- Individuals interested in the features and capabilities of the SLC family of processors and RSLogix 500 software

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:

- Information overviews
- Discussions of basic principles and/or concepts
- Descriptive and detailed technical explanations
- Animated sequences
- Interactive and integrated practice exercises
- Interactive simulations
- 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:

- Pre- and post-testing
- 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 SLC500 - Programming Fundamentals*: **9393-RSTSLCPENE**
- *RSTrainer Enterprise Edition for SLC500 - Programming Fundamentals*: **9393-RSTSLCPENF**
- *Web-based SLC 500 – Programming Fundamentals ePass*: **WBTIPACK** (equivalent to 1 course)

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