

# RSL-100

## Rockwell Software RSLinx Software

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<b>Course Description</b>	<p>This 8-hour (1-day) course allows students to gain hands on experience using Rockwell software RSLinx software to configure, understanding, and troubleshooting PLC communications for Allen-Bradley SLC-500, MicroLogix and PLC-5 systems.</p>
<b>Topical Outline</b>	<ul style="list-style-type: none"><li>▪ Introduction to RSLinx</li><li>▪ Communication protocols used by processors<ul style="list-style-type: none"><li>- RS232</li><li>- DH+</li><li>- DH485</li><li>- Ethernet</li></ul></li><li>▪ Configuring RSLinx Drivers<ul style="list-style-type: none"><li>- RS232</li><li>- DH+</li><li>- DH485</li><li>- Ethernet</li></ul></li><li>▪ Configuring address and channel communication for Allen-Bradley Processors</li><li>▪ Selecting proper cable for driver type</li><li>▪ Troubleshooting various communication problems</li><li>▪ Hands-on setting up RSLinx drivers and communication with a processor at various stations setup in classroom</li></ul>
<b>Prerequisites</b>	<p>Students should be familiar with Allen Bradley programmable controllers, and Windows 2000 or Windows XP. Basic knowledge of RSLogix5 or RSLogix500 software for the particular programmable controller is desirable.</p> <p>THIS IS NOT AN ENTRY LEVEL TRAINING PROGRAM.</p>
<b>Course Length</b>	8 hours
<b>CEU's</b>	.7
<b>Objectives</b>	<p>Persons successfully completing this course will be able to:</p> <ul style="list-style-type: none"><li>▪ Understand various network types used with Allen-Bradley processors</li><li>▪ Configure and use RSLinx drivers to communicate with Allen-Bradley processors</li><li>▪ Troubleshoot RSLinx and associated hardware when communications problems occur.</li></ul>