

Downloaded on Tuesday 7th September 2010

<b>Software</b>	RSNetworkx DeviceNet
<b>Duration</b>	2 Days
<b>PLC-Type</b>	DeviceNet
<b>Pre-Requisites</b>	Understanding of Allen Bradley PLCs
<b>Maximum Delegates</b>	4

## Brief Description

- \* Be able to recognise DeviceNet hardware and be able to replace modules when a fault occurs.
- \* Be able to operate the RSNetworkx software to make it perform certain tasks.
- \* Understand basic concept of nodes, commissioning, scanner cards , scan list, addressing etc and communications with the PLC
- \* Be able to replace DeviceNet nodes when required.
- \* Be able to perform basic system diagnostics when a problem occurs.

## Course Documentation

## Course Content

- \* Configuration of DeviceNet Network
- \* Basic communications, RS232, baud rates etc.
- \* Refresher on RS Linx
- \* Connecting Communications Cables
- \* Configuring Scanner Card
- \* Understanding LED indications
- \* Understanding error messages
- \* Power requirements
- \* Configuring Devices using RS Networkx
- \* Online and Offline modes
- \* Saving Configurations
- \* Programming within the SLC 500
- \* Reading and writing information to and from the PLC
- \* Addressing of the Nodes on the Network
- \* Node commissioning
- \* EDS devices and libraries
- \* Replacement of faulty input/ output cards
- \* Replacement of faulty devices
- \* Generation of documentation to assist fault finding

## Equipment

- \* SLC500 PLC
- \* DeviceNet Network
- \* PC or Laptop
- \* Simulator

*Solutions, Not Courses.*