

ST-NET-01
ETHERNET NETWORK BASICS
FULL DAY



THIS CLASS INCLUDES

FUNDAMENTALS OF IP ADDRESSES, SUBNET MASKS, & GATEWAYS
CONFIGURING IP SETUP OF DEVICE (ETHERNET/IP COMMISSION TOOL)
RSLINX AND FTLINX DRIVER CONFIGURATION
MANAGED SWITCH HARDWARE OVERVIEW (2500, NATR, 5200, 5800)
NETWORK TOPOLOGY REVIEW AND ASSESSMENT WITH IAB
EXPRESS SETUP, SMART PORTS, CIP SYNC, NAT, & L2 VLAN CONFIGURATION
DHCP POOL, DHCP PERSISTENCE, & SD CARD BACKUP

HANDS-ON PRACTICE

EACH LESSON WILL BE PERFORMED ON AN ETHERNET/IP WORKSTATION

PREREQUISITES

ABILITY TO PERFORM BASIC MICROSOFT WINDOWS TASKS

SUMMARY

UPON COMPLETING THIS COURSE, YOU WILL BE ABLE TO ASSESS AN EXISTING NETWORK, CONNECT WITH EQUIPMENT AND MAKE GENERIC CONFIGURATION CHANGES. YOU WILL HAVE THE OPPORTUNITY TO DEVELOP AND PRACTICE THESE SKILLS BY LEARNING BASIC CONCEPTS AND TERMINOLOGY, PRACTICING A SYSTEMATIC STRATEGY FOR DIAGNOSING AND TROUBLESHOOTING PROBLEMS, AND CONFIGURING A SWITCH USING THE DEVICE MANAGER WEB INTERFACE. TECHNICIANS AND ENGINEERS WHO MUST DEPLOY AND MAINTAIN INDUSTRIAL AUTOMATION AND CONTROL SYSTEM (IACS) NETWORKS SHOULD ATTEND THIS COURSE.



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