Certified Professional Substation Communication Networks Training

MOXA®

Moxa certifications validate your expertise and ability to keep pace with modern technical roles and solve the challenges of advanced projects in industrial networks with Moxa technologies and products.

About the course

The substation communication networks training course provides knowledge and practical skills related to design, configuration, management and troubleshooting of a modern substation communication network.

Course contents are designed for substation automation professionals who want to elevate their expertise in substation communication technologies based on the IEC-61850 standard and gain proficiency in operating Moxa's equipment through hands-on experience.

Upon successful passing of the course, students will receive an official certification from Moxa.

Prerequisites

Participants to have a basic understanding of industrial networks and /or IT technologies, as well as a basic understanding of the following:

- OSI model
- Ethernet addressing
- Ethernet switch and routing
- IPv4 protocol addressing
- Network diagnostic eg Ping command, Wireshark etc

What to bring

- Windows OS laptop with
  - Internet Explorer installed
  - Admin rights to install MOXA software
  - USB Port
  - Ethernet network port
- AC power supply for the laptop

Registration Enquiries

Visit our website to learn more about session dates and locations.

Participation in the training incurs a minimal fee to cover administration and exam costs.

Reach out to our team for session availability and to receive a quote.

madison.tech/moxa-certified-training-sessions/

Agenda

Day 1	Day 2
A. IEC-61850 Basics	A. Network Management
B. Network Traffic Control	B. Substation Communication Design
C. Communication Redundancy	C. Exam
D. Time Synchronization	

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