

C234

Smart Platform to Network Platform Update



Learn to operate and maintain a NP1200 and/or NP800 Network Platform connected to a QCS LAN.

Course type and methods

This is an instructor-led workshop with short presentations and demonstrations, extended exercises, and hands-on sessions and discussion.

Student profile

This course is targeted to personnel who are responsible for maintenance of a Network Platform QCS.

Prerequisites

Students should have attended the course C232, Smart Platform with QCS LAN, or have experience working with Smart Platform QCS.

Course objectives

Upon completion of this course, the students will be able to:

- Power-up the Network Platform and verify correct start-up
- Understand identification, function and set-up of the ASPC hardware
- Power-up the NP Service Workstation
- Use Configuration tool to create and/or modify the NP software
- Use the Diagnostic tool to troubleshoot I/O problems

- Use the update tool to install software updates, change IP address, etc.
- Perform scanner motor tuning
- Use standard procedures to standardize and check the sensors
- Use check samples to verify integrity of sensor measurements
- View standardized and sample check reports
- Put the Network Platform in scan mode and verify correct scanning and measurement profiles.
- Back-up and restore software

Duration

The duration of this course is 5 days.

Course Outline

| Day 1 | Day 2 | Day 3 | Day 4 | Day 5 |
|---|---|--|--|--|
| am | am <ul style="list-style-type: none">• ASPC Hardware• Electrical schematics• NP Service Workstation | am <ul style="list-style-type: none">• Review: Questions and answers• Platform Engineering Tools (PET) | am <ul style="list-style-type: none">• Review: Questions and answers• PET cont'd<ul style="list-style-type: none">- Configuration tool- Update tool• Demo | am <ul style="list-style-type: none">• Review: Questions and answers• NP Documentation and Frame Specification review• Course critique• Course ends |
| pm <ul style="list-style-type: none">• Health and Safety Awareness• Course introduction• Documentation overview• SP to NP overview | pm <ul style="list-style-type: none">• NP Service Workstation• Labwork• Hardware identification and replacement• ASPC restart & verification• Frame tune and save | pm <ul style="list-style-type: none">• PET continued• Labwork/Demo• Diagnostic tool• Debug tool• Data Dictionary | pm <ul style="list-style-type: none">• Labwork – Configuration tool and Update tool<ul style="list-style-type: none">- Software update- IP address change- Restart, etc. | |

Course Booking & Training Centers

ABB US

To register, contact the North America Customer Service Center or visit us online ABB Inc.
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