

Course Title: AMS Expert Level Certification

Duration: 4 three (3) hour session over 2 days

Target audience: Installation/ Service technicians, system integrators, Project Managers

Max Number of Attendees: 4

Objectives:

Upon Successful completion of this course the participants should be able to:

- Configure devices and program the AMC Controller according to the needs of a customer
- Use Bosch's AMS to program AMC Controllers
- Troubleshoot potential configuration issues

Course Topics

1. AMS overview
2. AMC Hardware and Board Components
3. AMS installation and Review
4. Programming the AMC
5. Testing and Trouble Shooting

List of items students/ technicians will need for Virtual Training:

1. Reliable Internet connection
2. Windows Server 2016 (64 bit, Standard or Datacenter)
3. Windows 10 (64bit, Pro or Enterprise LTSC)
4. Bosch AMS installed on PC/ Laptop [link to AMS](#)
5. Video capability through Zoom, or Skype on PC/ Laptop or phone
6. AMC training kit
7. Documentation: electronic will be sent
8. Hand tools:
 - a. screwdriver,
 - b. wire cutters,
 - c. 22/4 gauge wire
9. Someone to proctor the class

10. Pen, paper, note taking supplies

Virtual Training Outline

Steps to configure an AMS system:

1. Install the Server
2. Install the Client
3. Install the root Certificate
4. Install the Additional MAC
5. a. Configuration menu, Licenses menu, Licensing
5. b. Configuration menu, Divisions menu, Set up Divisions
6. c. Configuration menu, Operators and Workstations menu:
 - 7.a. Define User Profiles
 - 7.b. Assign User Profile to User (create a new cardholder person, and create an operator [user])
 - 7.c. Define Workstation Profiles
 - 7.d. Assign Workstation Profile to Workstations
8. Configuration menu, Tools menu:
 - 8.a. Badge Designer, create badge templates
 - 8.b. Configuration AMC, set up the networking parameters of the AMC Controllers

9. Configuration menu, Options menu:

9.a. PIN codes

9.b. Card reader (enrollment method at the WSs)

9.c. Card definition

9.d. Custom Fields

10. System Data menu, Calendar menu

10.a. Special days

10.b. Day models

10.c. Time models

11. Configuration menu, Device data, Areas tab, define the Areas

12. Configuration menu, Device data, LACs/Entrances/Devices tab, configure the additional MAC

13. Configuration menu, Device data, LACs/Entrances/Devices tab:

13.a. Define the AMC Controllers under the respective MAC

13.b. Assign the AMC Controllers to Division

13.c. Assign Door Models to AMC Controllers

13.d. Assign the Areas and Division to Door Models

13.e. Set up the Door parameters

13.f. Set up the Reader parameters

14. Configuration menu, Device data, LACs/Entrances/Devices tab

14.a. Configure the Threat level management “example fire alarm releases doors”

14.b. Methods to activate/deactivate the Threat level

15. Check the settings of AMC Input- and Output points

- 15.a. Set the EOL values of the input points
- 15.b. Configure the available output points
- 16. System Data menu, Person security profiles menu, define the Security profiles
- 17. System data menu:
 - 17.a. Authorizations menu, create Authorizations
 - 17.b. Access profiles, define the profiles
 - 17.c. Random screening, set up the initial values of random screening
- 18. System Data menu, Person Types menu:
 - 18.a. Define the person types
 - 18.b. Assign the default Access profile to Person type
 - 18.c. Assign the Security profile to Person type
- 19. Configuration menu, Options menu, define the enrollment method at the WSS (an access card reader can be used)
- 20. Personnel data menu:
 - 20.a. Companies menu, create the Companies
 - 20.b. Persons menu, create the Cardholder
 - 20.c. Cards menu, enroll a card and assign to the cardholder
 - 20.d. Cards menu, Authorization tab, assign Authorizations/Profiles to cardholder
 - 20.e. Cards menu, other data tab, assign Time model to the cardholder and decide about the other parameters (Permissions to unlock doors will be used later, leave it cleared at this moment)
 - 20.f. Cards menu
 - 20.g. Cards menu, Alert card tab, register a Threat Alert activator card for this cardholder
 - 20.i. Print badges menu, Capture or import a photo for the Cardholder

