Gallagher Access Engineer Online Course - C892142

Introduction

Gallagher Access Engineer Certification provides attendees with the knowledge necessary to develop advanced security solutions within the Gallagher Command Centre. Differing levels of security are explored based on scenarios utilising key functionality with an emphasis on in-market flexibility. The course content is delivered in four sections, matched to a suitable Industry scenario to provide context. At the end of each scenario attendees will have the opportunity to practice configuring the software in Gallagher's Command Centre Explore cloud-hosted training environment to gain practice and develop skills.

Note: Certification remains valid for a period of 1 year after which time re-certification will be required to maintain certified status

Goals

Upon completion of training attendees will have the skills necessary to configure and implement additional features available in Gallagher Command Centre.
This scenario-based training is designed to show the scalability of Gallagher Command Centre. Whether commissioning a simple or robust solution, by combining different functionality attendees will learn the flexibility to adapt the system to a number of industry sectors.
See Modules list for detailed list of course content / features covered.

Prerequisites

Prerequisite:

Gallagher Access Technician Course - Have successfully completed the Gallagher Access Technician course and be currently certified to this standard. In addition, we recommend attendees have at least one years' experience in the field working with Command Centre before attempting this course.

- PC Skills
- Understanding of Microsoft Operating Systems,
- Basic understanding of TCP/IP and networks.
- Cabling Cat5, Cat6 and Fibre

Modules

Scenario 1 – Healthcare

- **System Divisions and Operator Groups**
  - Operators and Divisions
  - Inheritance of Division Privileges
  - Setting up System Divisions – Creating
- **Macros and Action Plans**
  - Securing an Access Zone via Lockdown
  - Setting up the T20 Mimic Panel
  - Setting the LED flash sequence
  - Creating Action Plans
- **Alarm Instructions and Insertion Tags**
  - Creating a New Alarm Instruction
  - Creating an Insertion Tag
  - Assigning Alarm Instructions
- **Guard Tours for Gallagher Command Centre**
  - Configuring a Guard Tour
  - Running a Guard Tour
  - Restarting a Guard Tour (if halted)
  - Guard Tours & the Event Response Tab
  - Guard Tours & the Status and Overrides Tab
- **Site Plans**
  - Setting up Site Plans
  - Layering Site Plans
  - Creating Navigation Items to Site Plans
  - Adding Items to Site Plans
  - Creating Item Menus
  - Adding an Override Button
  - Using Graphics
- **Command Centre Scenario – Monitor Site Viewer**
- **Healthcare Simulation - Gain configuration practice and develop skills**

Scenario 2 – Mining

- **Identity Analytics (Competencies)**
  - Configuring Competencies
  - Access Zone Competencies
  - Assigning Competencies
  - Configuring Cardholders
  - Adding a Competency to a Cardholder
- **Anti-passback**
  - Configuring Anti-passback
  - Anti-passback Forgive after Time
  - Anti-passback Forgive all Cardholders
- **Event Notification Filters**
  - Personal Data Field Email/Mobile
  - Creating a Notification Schedule
  - Enable your Event Notifications
  - Setting up the Email and SMS Server
- **Zone Counting**
  - Configuring Zone Counting Events
- **Command Centre Scenario – Tag Boards**
- **Mining Simulation - Gain configuration practice and develop skills**

Scenario 3 - Education

- **Access Group Lineage**
  - Master Access Group
  - Assigning Lineage, Parent and child access groups
  - Inheritance of access privileges from the Parent
- **First Card Unlock**
- **Personalised Actions**
  - Configuring Personalised Actions on an Access Zone
  - Access Granted vs Access Taken options
- **Locker Management**
  - Configuring a Locker Bank
  - Configuring a Locker Bank (Scenario)

- Creating the Locker Controls
- Setting up Lockers
- Command Centre Locker Viewer
- Assigning Lockers by an Operator
- Cardholders Self-Assigning Lockers
- Access Granted vs Access Taken Options
- Using Macros in Personalised Actions

- **Enterprise Data Interface**
  - Operator Privileges
  - The Run as Operator
  - Creating the Run as Operator
  - The Source File
  - Enterprise Data Interface Folders
  - Create Local File Locations on the Server
  - Importing Images with EDI
  - Configuring Command Centre to Receive the Source Data
  - Create/Configure Personal Data Fields
  - Creating an EDI Interface
  - Setting the Mapping of Data between the Source File and Command Centre Data
  - Creating a Transformation Mapping
  - Adding a Card Transformation
  - Adding Access Group Transformations
  - Running EDI Manually
  - Error Messages and Log Files
- **Education Simulation - Gain configuration practice and develop skills**

Scenario 4 - Data Centre

- **Low Level Elevator Cars**
  - Creating the Elevator Controls
  - Access Zone Modes
  - Create 2 Virtual Outputs
  - Create 2 Physical Inputs
  - Create the Elevator Car
  - Configuring Elevator Floors
  - Configure Access Groups

    - Card Pin Codes
    - Reporting
- **Interlocking Doors**
    - Adding a New Interlock Group
    - Adding Warning Outputs
    - Door Exceptions within Interlock Groups
- **Challenge**
    - Controlled Challenge Mode
    - Setting up Challenge
    - Setting up the Access Mode
- **Personalised Actions**
    - Configuring Personalised Actions on an Access Zone
    - Access Granted vs Access Taken options
- **Logic Blocks**
    - Logic Block Timing options
    - Logic Block Rules
    - Introducing Logic Block Configurations
    - Controlling an Alarm Zone
    - Assigning Alarm Zone Privileges
    - How the Logic Works
- **Contact ID**
    - Setting up the GG for the Server Room Alarm
    - Intruder Alarm Example
    - Panic Alarm Example
- **Command Centre Scenario**
- **Data Centre Simulation - Gain configuration practice and develop skills**

- **Practical Evaluation (Simulation)**
    - Setup
    - Operator Groups
    - Interlock 1
    - Interlock 2
    - Arrival 1
    - Arrival 2
    - Locker 1

- Locker 2
- Site Plan 1
- Site Plan 2
- Site Plan 3