



Gallagher Access Integrator Course - C892330

Introduction

This document presents the structure and processes of Gallagher Integration methods and practices for Channel Partners. The order reflects methods and practices for Integrating with the Gallagher Command Centre.

Note: Certification is valid from the date of issue for a period of two years.

Goals

The Gallagher Integrator training program based on this outline will present the procedures necessary to configure and install:

- Gallagher Controller API (FTCAPI)
- OPC Training
- Rest API
- Controller Resident Plugin
- Controller RS232 ASCII Text Plugin Outgoing
- Controller TCP ASCII Text Plugin Incoming
- VMS Integration
- Introduction to Customisations

Outcome

- Certification at Integrator level for the installation of Gallagher Access Systems.
- An understanding of Integration processes and outcomes for Installation
- Understand system relationships and be able to manipulate systems to support client requirements.

Intended Audience

- Gallagher System Engineers
- Third Party Integrators to Gallagher Product

Prerequisites

Must have

- Gallagher Access Engineer status
- IT Skills

Preferred

- Have an understanding of Third Party Products
- Third Party Integration

Procedures covered in training

Gallagher Access Integrator Course is a two day course covering the following procedures and skills. Training procedures include the installation of APIs to directly integrate to the Gallagher Command Centre.

Topics

- **Introduction to Gallagher API's**
 - Installation of Gallagher API's
 - Integration tools to demonstrate third party integration
- **Introduction to OPC**
 - Installation of OPC
 - Using the Gallagher OPC bridge to filter and communicate to third party Integrations
- **Introduction to Gallagher REST API**
 - REST Documentation
 - REST API Setup
 - REST Client Demo
 - REST Query with Postman
- **Controller Resident Plugin service**
 - Introduction to Gallagher Controller Resident Plugin service (CRPS)
- **Gallagher RS232 ASCII Text Plugin Outgoing**
 - Introduction to ASCII Text Out Integration
 - Installation of ASCII Text Out Integration
 - Configuration of working example scenario
- **Gallagher TCP ASCII Text Plugin Incoming**
 - Introduction to ASCII Text Incoming Integration

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- Installation of ASCII Text Incoming Integration
 - Configuration of working example scenario
 - **Generic VMS Integration**
 - Introduction to Video Management Software
 - Installing the VMS Demo Integration
 - Creating DVR
 - Creating DVR Cameras
 - Camera Actions
 - Command Centre Camera Viewing
 - Command Centre Alarm Actions
 - **Introduction to Customisations**
 - Introductions to Customisations
 - Installing Customisations
 - Configuration of a working scenario

Competency Assessment

On completion of the training, the attendee will be assessed through practical demonstration of their comprehension of the major modules.

Based on a satisfactory outcome, attendees will be issued with a certificate of competency to Gallagher Access Integrator.

This competency is valid from the date of issue for a period of two years.