



Installation Note

Gallagher Controller API

Introduction

These install notes apply to version 7.00 of the Gallagher Controller API. Use this document to understand the components of the release, how to install them, and how to get them running. This document is intended to be complementary to the Gallagher Controller API Interface Specification.

License

A valid Gallagher license file (CommandCentre.lic) must be installed in the C:\Windows directory (or equivalent) of any middleware machines that host the API component. The Gallagher Controller API will not operate without the license file, which must contain a section that specifically enables the API. Without the license file, any attempts to start or use the API component will fail with an EIAPI_E_LICENSE (0xC12E0001) error code.

Note that this should be the same license file that is installed on the Command Centre server machine.

For more details, see the "Licensing" section of the Gallagher Controller API Interface Specification.

Location

The Gallagher Controller API component may reside on an independent middleware machine or it may reside on the Command Centre server machine. Note, however, that the Gallagher Controller API component uses the same IP port address for communications as the Command Centre communications service does. **Therefore, if the API is to reside on the Command Centre server machine then the Command Centre communications service needs to be reconfigured to use a different IP port address for its communications.**

Please refer to the "API Location" section of the Gallagher Controller API Interface Specification document for instructions on how to perform this reconfiguration.

Installer

An installer is provided (FTCAPIInstall.msi) that installs the following components into a directory of your choosing. (The default install location is "C:\Program Files\Gallagher\FTCAPI".)

Note: If using a 64 bit system, the default install location is "C:\Program Files(x86)\Gallagher\FTCAPI".

1. The FTCAPI component.
2. The FTCAPI COM interop assembly.
3. An API test harness application.

4. Sample code, which is the source VB .NET code for the test harness.
The installer requires the presence of the Microsoft .NET Framework version 2.0. If it is not pre-installed, the installer will automatically download and install it.

The installer automatically registers the FTCAPI component.

The installer does **not** create test harness shortcuts on the desktop or start menu.

Installed Files

The FTCAPI installer packages and installs the following files:

File	Location	Description
CardaxFTCAPI.dll	Install directory	This is the Gallagher Controller API – a COM component, packaged in a DLL, automatically registered by the installer.
CardaxFTEIAPILib.dll	Install directory	This is the .NET COM interop assembly for the API. This can be used to write .NET middleware applications that target the COM API.
CCFTDiagnostic.dll	Install directory	Support file for the API component.
FTCAPI Test Harness.exe	Install directory	A test harness application that may be used for testing the API and its configuration. This application allows connection through the API and submitting events and status updates etc. via the user interface that the harness provides.
ScriptExample.txt	Install directory	An example script file for use with the test harness.
Interop.Scripting.DLL	Install directory	Support file for the test harness.
Sample Code	Sample Code sub-directory	The API sample code. This is actually the test harness project, written with VB.NET.

Note:

Gallagher Controller API Interface Spec.pdf and Gallagher Controller API Install Notes.pdf are not installed but are available on the DVD, in the same location as you install from.