AutoDispatch Gateway 2 - ASINC

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Introduction

ASINC is CommSys' alternative to the CSAA message broker that the legacy ASAP to PSAP product (AutoDispatch 1) uses. This new system is fully message-compliant with the CSAA XML messages, but instead of a SOAP transmission, ASINC uses a REST transmission. The XML schema can be found at: http://www.apcointl.com/new/commcenter911/external-alarm.xsd

Like the CSAA implementation, ASINC requires two one-way channels for communication, one from Alarm to Dispatch, and one from Dispatch to Alarm. Configuration of these endpoints is controlled through the command line parameters specified in the Supervisor workstation, and the parameters are exactly the same as those for the ASAP to PSAP system.

Driver file

The ASINC dispatch driver's file is AsincDispatchProvider.dll.

Configuration file settings

The appsettings.json file does not contain any configuration for this driver, as all configuration is done in the startup parameters.

Reverse commands

Just like the CSAA ASAP to PSAP system, this integration requires all three reverse commands to be configured: ALRM, UPD, and VRFY. These reverse commands are configured exactly the same is the CSAA reverse commands, except it will require labels for each parameter, whereas the CSAA implementation uses positional reverse command parameters. These are the three reverse commands you'll need to configure:

IMPORTANT: To remain backward-compatible with legacy AutoDispatch, the parameters for this driver don't use labels. Rather, they are positional. **It is very important that the parameters be declared in this order.**

ALRM

Field Type	Data Type	Label	DB Value
Database	Text		Service Provider Address
Database	Text		Service Provider ID
Database	Text		Contact's Name
Database	Text		Contact Point
Database	Text		Alarm Unique Id

Database	Text		Monitoring Company Name
Database	Text		Operator ID
Database	Text		CS/User Call-back Number
Database	Text		Event Time
Database	Text		Event Description
Database	Text		Event Category Description
Database	Text		Point ID
Database	Text		Zone Description
Database	Text		Confirmed Alarm Text
Database	Text		Call To Premises Text
Database	Text		Permit Number
Database	Text		Permit Category Description
Database	Text		Customer Name
Database	Text		Customer Type
Database	Text		Customer Cross Street
Database	Text		Customer Subdivision
Database	Text		Customer Site Phone
Database	Text		Full Address
Database	Text		Address Number
Database	Text		Address Pre-direction
Database	Text		Address Street Name
Database	Text		Address Street Type
Database	Text		Address Post-direction
Database	Text		Address Unit
Database	Text		City Name
Database	Text		Region Name
Database	Text		Post Code
Database	Text		GPS Location
Database	Text		Video/Image Link
Database	Text		Dealer ID
Database	Text		Dealer Name
Database	Text		Dealer Site Phone
Database	Text		County[Addr3]

UPD

Field Type	Data Type	Label	DB Value
Database	Text		Service Provider Address
Database	Text		Service Provider ID
Database	Text		Contact's Name
Database	Text		Contact Point
Database	Text		Alarm Unique Id
Database	Text		Authority Incident Number
User Input	Text	Update Comment	

VRFY

Field Type	Data Type	Label	DB Value
Database	Text		Service Provider Address
Database	Text		Service Provider ID
Database	Text		Contact's Name
Database	Text		Contact Point
Database	Text		Customer Serial Number
Database	Text		Customer Name
Database	Text		Full Address
Database	Text		Address Number
Database	Text		Address Pre-direction
Database	Text		Address Street Name
Database	Text		Address Street Type
Database	Text		Address Post-direction
Database	Text		Address Unit
Database	Text		City Name
Database	Text		Region Name
Database	Text		Post Code
Database	Text		County[Addr3]
Database	Text		CS/User Call-back Number

Startup parameters

Like the CSAA message broker, the command-line parameters are used to establish ports and URLs. Here are the command-line parameters you'll need to specify:

Parameter	Description	Default
-cp	Specifies the local port upon which to listen for incoming messages from ASINC. This uses the ASINC prescribed API path of asinc/api/rest/asap-message	38081
-na	Specifies the URL of the ASINC endpoint to which to send messages	
-id	Specifies the service provider ID that represents the central station to the ASINC system.	<NOTSET>