American Dynamics

EAS Integration Software for victor v6.0

User Guide

July 2023 A16381J8MH A

victor v6.0

www.americandynamics.net

Johnson Controls

Contents

Overview

The victor EAS integration driver provides a powerful, flexible, and easy-to-use Graphical User Interface (GUI) for managing your EAS infrastructure through the victor Unified Client from American Dynamics.

Features

The Unified victor Application server integration software for EAS includes the following features:

- Support for multiple BIM servers.
- All EAS server and device activities are logged in the security journal, allowing alarms to be reviewed together in future investigative reporting.
- All EAS devices connected to an EAS server auto-sync to victor after an EAS Server (Synergy or BIM) restart.
- Supports importing EAS servers (Synergy & BIM), detectors, deactivators, and counters. Legacy detachers are also supported under deactivators.
- Supports Alarms from EAS servers (Synergy & BIM), detectors, deactivators, detachers, and counters.
- Edit or delete EAS object.
- EAS objects under Device List.
- EAS objects under Sites list.
- EAS objects on Maps.
- Alerts for EAS objects.
- Object Association for EAS objects.
- Suppress and re-activate alarm actions on EAS objects.
- EAS objects supported in Find in Journal and Find on Map.
- Installation available on victor remote clients.
- Filter incoming EAS alarms from victor.
- Supports Master Application Server (MAS) / Satellite Application Server (SAS) architecture.
- Generate EAS event reports from the MAS for all connected SASs.
- Supports Synergis Network Cards.

Assumptions

This documentation covers the installation of victor EAS integration and an overview of the EAS integration features and benefits. It is assumed that the end users and installers of the EAS integration have relevant experience and a good working knowledge of the victor unified platform, Windows operating system, and experience configuring Physical Security Environments. Partners, customers, and resellers configuring Tyco products should have relevant Tyco product training completed.

EAS requirements

This integration supports event streaming from EAS devices by implementing the EAS callback mechanism. Therefore, you must configure a port on the victor server for each EAS server device to enable the driver to listen for incoming events. You must also configure the EAS server device to forward the events to the driver's IP: Port combination.

The integration between victor and EAS supports alarm filtering that you configure on the victor server.

victor Application server

See the following list of victor Application server features.

- victor Application server stores all data, operator profiles, roles, and event information and video recorder/camera objects.
- Dual modes of user authentication allow users to log on by using Active Directory credentials or by using a basic method which does not require a domain controller.
- Operator profiles are portable which allows users to move from one victor client to another and their credentials follow them, regardless of the PC.
- Restrict what devices and features an operator can access by assigning roles using victor's included policy management. You can set permissions system wide for fire objects.
- You can limit and update any feature as situations warrant. victor also journals and tracks what has happened on your systems, such as operator activities, fire alarm and point history, and creating an audit trail.

victor Unified Client

victor Unified Client connects to the victor Application server, allowing event management, observation, and monitoring.

Licensing

The EAS driver is a licensed integration for victor. Contact American Dynamics support for an EAS driver server license. After you apply the new license, all Framework / Extension services restart.

To start the EAS driver service, complete the following steps:

1. On the desktop, right-click the **Server Configuration** icon and select **Run as Administrator**.
2. The EAS driver service displays **Stopped**. Select the check box and click **Start**.

Installation

You can install the EAS integration driver on the victor Application server. Download the driver from the American Dynamics website.

http://www.americandynamics.net

If you install the EAS integration in an enterprise environment, run the installer on the MAS first, and select **Enterprise - MAS** during the installation. Do not install the full integration on the MAS. When this installation is complete, run the installer on any required SASs, and select **Standalone / SAS** during the installation.

Note:
Ensure that you install the same versions of the integration on the MAS and on any required SASs connected to the MAS.

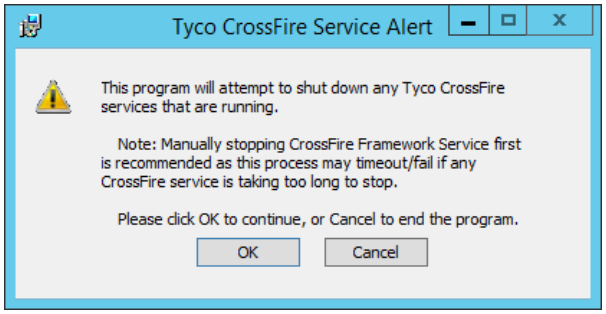
If you upgrade the integration in an enterprise environment, remove the old MAS client components first, install the new MAS client components there, then upgrade the integration on any required SASs.

Note:
Stop the CrossFire Framework Service and close the Server Configuration application before running the driver installer.

Installing the EAS integration driver

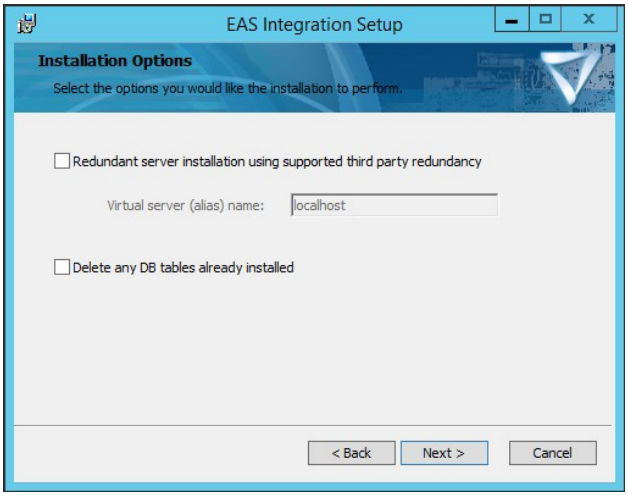
1. Right-click the `EAS_Integration-xxxx_AD.exe` file and select **Run as Administrator**.
2. In the **Victor - EAS Integration Setup** window, select the **I agree to the license terms and conditions** check box, and click **Install**.
3. In the **Tyco CrossFire Service Alert** dialog box, click **OK** to shut down CrossFire services. Stop CrossFire services manually if required and click **OK**.

Figure 1: Tyco CrossFire Service Alert window



4. On the **EAS Integration Setup** window, click **Next** and complete the steps in the installation wizard.
5. In the **Installation Type** window, click the appropriate installation type for the machine and click **Next**.
6. In the **Installation Options** window, choose one of the following options:
   - If you install the integration on a redundant server, select the **Redundant server** check box and, in the **Virtual server (alias) name** field, enter the virtual server name, and click **Next**.
   - If you install a completely new version of the EAS tables and overwrite a current install, select the **Delete any DB tables already installed** check box, and click **Next**. If this is a new installation, do not select this option.

Figure 2: Installation Options window



7 In the **Ready to install EAS Integration** window, click **Install**.

8 After the installation is complete, click **Finish** to close the installer.

Starting the Crossfire services

Note:
After the installation is complete, services may start automatically. Refer to your Windows configuration.

1. On the desktop, right-click the **Server Configuration** icon and select **Run as Administrator**.
2. Select **Start** next to **CrossFire Framework Service** and **CrossFire Server Component Framework Service**.
3. When both CrossFire services are displaying the status **Running**, select the **Enabled** checkbox then **Start** next to **EAS Driver Service**, and for any other extension services that you want to enable.
4. Close the Server Configuration application.
5. On the desktop, double-click the **victor Unified Client** icon to start victor Client.

EAS integration configuration

You can add EAS servers and any hardware devices that are connected to EAS servers to victor. For the victor integration with EAS, you must configure the victor standalone server or required SAS on the EAS server web page. For more information about the EAS server configuration, refer to the EAS documentation. The port that is used to connect to the EAS server must be opened on the firewall of the victor server.

Adding an EAS server to victor

1. Open victor **Activity Viewer** to monitor connection status.
2. Click the **Create new item** icon and then click **EAS Server**.
3. In the **Name** field, enter a name, and, optionally, in the **Description** field, enter a description.
4. Select the **Enabled** check box.
5. In the **Port** field, enter the port that is configured for the victor server on the EAS server web page.
6. Click the **Save** icon. The EAS server is saved and displays in the device list. The Activity Viewer logs a **Listening** state for the EAS server.
7. From the web page, restart the EAS server.

   After the EAS server restarts, the connection status in the Activity Viewer updates to **Connected**. Any EAS devices connected to the EAS server populate the victor device list. The EAS server also pushes heartbeat messages to victor which appear in the Activity viewer. If any devices are subsequently added to or removed from the BIM, a reboot pushes these updates to victor and the device list updates automatically.

Configuring the EAS Synergy server (Firmware: 101.09.00_M6)

1. Log on to the Synergy server using a web browser and the server IP.
2. Click **System Setup > Advanced…> Remote Management Settings**.
3. Next to **Report Data to TrueVUE/SMaaS**, click **Enabled**.
4. In the **TrueVUE/SMaaS Host Name or IP Address** field, enter the IP address of the victor server running the victor EAS integration.
5. In the **Port** field, enter the same port as you set for the EAS server configuration in victor.
6. Ensure the **Web Service Path** is **/Synchronizer/services/SipWebService**.
7. Click **Apply** to save the changes.
8. Restart the EAS server to get it to connect to the victor EAS integration. This process may take several minutes.

Note:
When a Synergy panel syncs with victor, the integration driver configures three extra devices under it in the Device tree: one detacher, one detector, and one counter. These devices are used to trigger alarms in a similar manner to a system configured with a BIM Server. The extra devices are configured due to a limitation on the Synergy panel where the actual hardware is not reported to the integration.

Note:
When a Synergy panel syncs with victor, it sends journal messages to victor every 15 minutes for the underlying devices. These messages appear in the victor Activity Viewer.

Configuring the EAS BIM (Firmware: 1.2.4.60105)

1. Log on to the BIM server using a web browser and the server IP: Port.
2. Navigate to **Server Settings**.
3. Ensure the **Enable Web Service Server** option is **Enabled**.

4 In one of the **Server URL** fields, include the IP address and port of the EAS server setup in victor using victor EAS integration. e.g. http://192.168.0.60:30000/Synchronizer/services/SipWebService.

5 Click **Save**. The BIM automatically restarts and connects to the victor EAS Integration. This process may take several minutes.

Troubleshooting EAS Connectivity

1 If the EAS server does not return a **Connected** state or the device list does not load after the EAS server restarts, check your server settings on the EAS server web page.

2 Validate that the IP and port settings on the EAS server settings page match the IP of the victor server and the port that is configured for the EAS server.

3 Ensure any firewall settings on the victor server are configured with an exception for the required port for the EAS server.

4 When making any configuration changes, restart the EAS server to test connectivity. The EAS server only pushes devices to victor after it restarts.

EAS commands

EAS commands are commands issued by victor to EAS objects. To access EAS commands, right-click an object from the device list or from a victor map.

Figure 3: The Device list

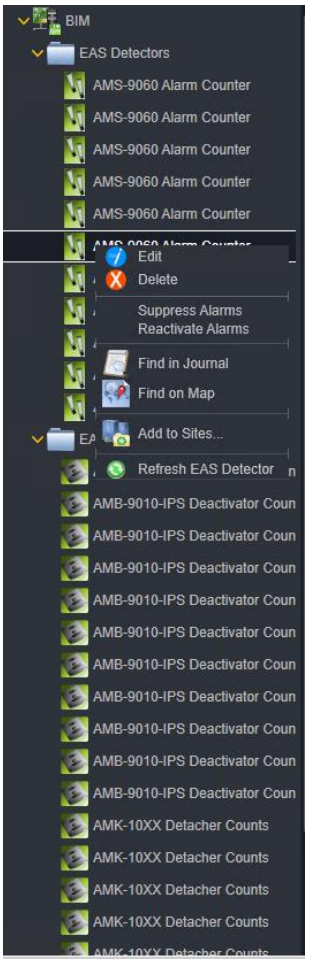


Figure 4: A victor map

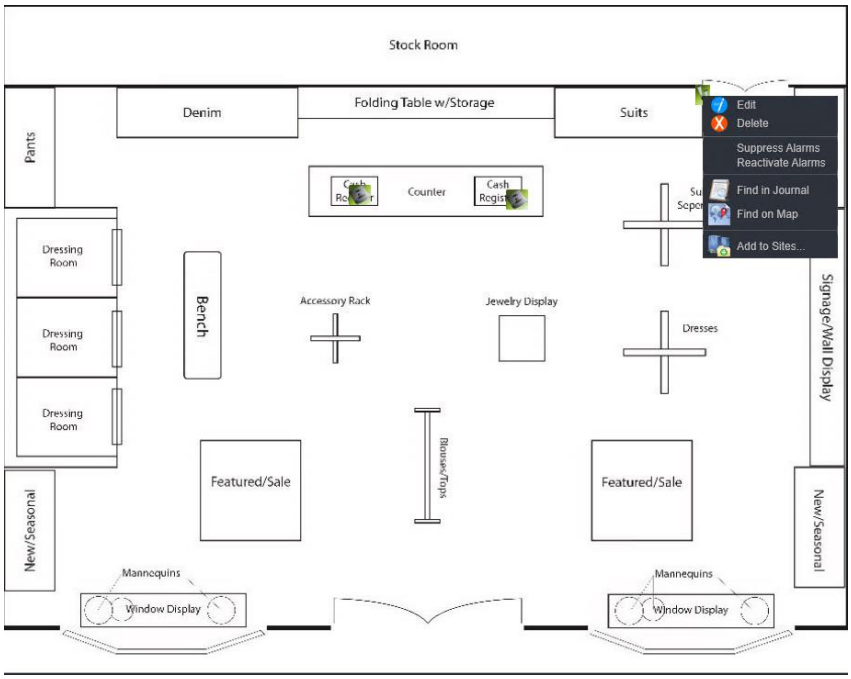


Table 1: EAS server commands

Command	Description
Suppress Alarms	Suppress alarms for this (and all child EAS devices.)
Reactivate Alarms	Reactivate suppressed alarms for this EAS server.

Table 2: Detector commands

Command	Description
Suppress Alarms	Suppress alarms for this detector.
Reactivate Alarms	Reactivate suppressed alarms for this detector.

Table 3: Deactivator commands

Command	Description
Suppress Alarms	Suppress alarms for this deactivator.
Reactivate Alarms	Reactivate suppressed alarms for this deactivator.

Table 4: Counter commands

Command	Description
Suppress Alarms	Suppress alarms for this counter.
Reactivate Alarms	Reactivate suppressed alarms for this counter.

Maps

The Maps feature provides a dynamic view of physical security objects within a visual representation of their environment.

Physical objects are represented by icons to form an integrated, unified view allowing monitoring and reaction to state changes in real time. Achieve real-time visualization of event activity by linking Map actions to Events. The following image formats are compatible with victor Client:

- *.dwg / *.dxf (Vector)
- *.png / *.jpg (Raster)

Note:
• victor automatically converts vector graphics to .jpg and stores them in the database.
• CAD Layers: Only CAD Layers visible at the time of import are visible within the image in victor. However, after import, you can add new layers to the converted CAD image to configure icons. The actual CAD layers do not exist in victor.
• You can update map image files without disassociating the icons which were previously placed on the map.
• victor supports image files up to 20 MB.

Configuring a map template icon

Use the Map Template to create and configure template icons. Any icon you create in the Map Template becomes a template for icons of the same type on all maps in your system. The annunciation and alert color settings from the template icon replace the default annunciation and alert color settings for new icons of that type added to any map.

1. On the **Show All Items** tab, select **Map**.
2. Right-click the map template and click **Edit**. The map editor opens.
3. Click  to open the Icon Selector.
4. Click an object icon to add that object to the map.
5. Right-click the icon and click **Drop on Map**.
6. In the **Icon Editor**, click **Select Object**.
7. Select an object from the list and click **OK**.
8. In the **Assign Alerts** section, configure the annunciation settings as required.
   a. Select the Annunciation type for an alert. The available options are: None, Strobe, Pulse, Blink, Fade, Solid, Wave, Ripple and Template.
   b. In the **Color** cell, select **Custom** from the list.
   c. Select an alert color from the menu or click **Advanced** to choose a color from the advanced color menu, then click **OK** to confirm the color selection.

   Note:
   • Object annunciation and color settings are applied to new icons of the same type added to a map.
   • Other template settings are not applied to new icons.
9. **Optional:** Click **Reset to default value** to restore the default annunciation and color settings for the object.
10. Click **OK**.
11. Select **Save**.

Creating a map

1. On the **Add New Item** tab, select **Map**.
2. Enter a name for the map in the **Name** text box.

3 Enter a description for the map in the **Description** text box.

Note:
The **Enabled** checkbox is selected by default; deselect to disable the map.

4 Select  . The **Select Drawing File** dialog box displays.

5 Browse and select the required image file, and then click **Open**.

6 **Optional:** If you are importing a CAD file (.dxf or .dwg), you can set the level of compression by entering a height and width in the corresponding text boxes.

7 Select **Import**. The file imports and displays in map editor.

8 Select **Save**.

Configuring map icons

Add icons to maps to represent victor objects. You can configure different icon properties depending on the type of object that the icon represents. To add icons to a map, use the map toolbar or drag objects onto the map. Drag objects onto a map from the following locations:

- The Devices list
- The Site Groups list
- The Callup list
- Object lists

1 On the **Navigation** bar, click the **Edit** icon, and then click **Maps**.

2 Select a map to edit.

3 Use one of the following methods to add an icon to the map:

- Add an icon through the Map toolbar:
  a. Click  to open the icon selector.
  b. Select an icon to add to the map.
  c. Move the icon to the required position on the map.
- Drag victor objects onto the map editor. An icon appears on the map, and the icon is linked to the victor object. Click **Save**.

4 Configure the icon.

a Right-click the object icon, then select **Drop on Map**.

b In the **Icon Editor**, click **Select Object**.

c In the **Object Selector**, select the object to link to the icon and click **OK**.

Note:
If **Not in map** is selected in the Object Selector, only items which have not yet been added to the map are displayed. Clear this box to display all items.

d **Optional:** Assign characteristics in the **Icon Editor** if required.

Note:
If a template icon has been configured for that icon type, the annunciation and alert color settings from the template icon are configured.

e **Optional:** Click **Reset to default value** to restore the default annunciation and color settings for the object.

f Select **OK**.

5 Select **Save**.

Cloning an icon configuration

You can use an existing icon as a template to configure a new icon.

1. On the **Navigation** bar, click the **Edit** icon, then click **Maps**.
2. Select the required map from the list.
3. From the map editor, select the icon that you want to clone.
4. Drag an object from the **Devices** list onto the map.
5. Right-click the new icon and edit as required.

Alarm zoom mode

When an object goes into alarm, it annunciates based on the configuration in the icon editor. To zoom to the object in alarm, enable the **Alarm Zoom Mode** setting. If alert priorities are configured (**System Configuration>Settings>Alert Priorities**), the map zooms to the current highest priority alarming object.

You can select the following settings from the **Assigned Priorities** list:

- None: Turns alarm zoom off
- High, Medium and Low: Sets the zoom level. High is the maximum zoom level and low is the minimum.

Live Mode vs. First Loaded

By default, the Alarm Zoom will zoom to the first or highest priority alarming object (First Loaded). Go to **System Values**>**Alert Priorities** to select **Live Mode** which means the map will zoom to all new alarms as they are activated.

Map in Map

Map in Map shows the current zoom level and position within a map. To turn on the option, in the map toolbar, select the **Show map in map** checkbox. It is off by default.

When creating or editing a map, select the **Show Map in Map** checkbox to show Map in Map by default for the current map.

Viewing a map

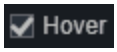
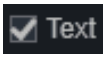
After you create and save a map, you can view it directly on the **Show All Items** tab.

Note:
When you view a map, drag any icon onto any surveillance pane to view its associated video.

1. On the **Navigation** bar, click the **New Tab** icon, then click **Map**.
2. Select the map you want to view. The map opens.
3. Use the toolbar buttons to manipulate the map.

Table 5: Map toolbar buttons

Element	Details
	**Refresh:** When viewing a map, if the toolbar displays orange, this means that the map has been edited and saved since it was opened. Select  to update.
	**Zoom controls:** Displays current zoom level percentage along with **Fit to Window** and **Zoom Out/In** buttons.

Element	Details
	**Hide Types:** Opens the Hide Type editor which allows selection of icon types to hide, for example, cameras or recorders.
	**Show All Icons from All Layers:** Shows and highlights all icons from all visible layers. **Note:** Icons that are on layers that have been hidden using the Map Layers editor do not display.
	**Show All Shapes from All Layers:** Shows all configured areas from all visible layers. Right-click to display FoV, Shapes, or Text only. **Note:** Areas that are on layers that have been hidden using the Map Layers editor do not display.
	**Activity List:** Opens a map-specific activity list that displays the 100 most recent activities relating to objects on the map. Icon display with a red border when there are unread items in the activity list. Right-click and select **Clear** to clear the activity list. Select the **Padlock** icon to freeze the activity list for 30 seconds
	**Map in Map:** Opens a thumbnail window in the lower-right corner of the map window. The window contains a thumbnail image of the map, and the current zoom level displays as a transparent green rectangle. Click and drag the green rectangle to reposition the map view within the map window.
	**Layers:** Opens Map Layers editor allowing you to select map layers to show or hide.
	**Save to Incident:** Saves a screen capture of the map to an incident. Map screen captures save to the Images folder.
	**Hover Mode:** Select to enable hover mode. When enabled, hovering over objects displays additional information. For example, hovering over a camera opens a pop-up surveillance pane within the map view, displaying live video from the camera. Other cameras can be dragged into the pop-up windows.
	**Auto hide:** This works in conjunction with hover mode. When auto hide is enabled the surveillance pane closes automatically when the mouse is moved off the icon that initiated surveillance pane. If hover mode is disabled, auto hide cannot be selected. This works in both edit and view mode.
	**Health Mode:** Select to enable health mode. When enabled, icons are highlighted with their health status. When enabled with hover mode, hovering over icons displays the object's health dashboard within the map view.
	**Show Text shapes:** Select to show all text shapes on the map. This option is selected by default.
	**Show GIS Map Layer:** Select to enable the geographic information system (GIS) map layer. Add object icons to the GIS map in the same way as for other maps.

Editing a map

After you create and save a map, you can edit its properties. After you add an icon to a map, you can edit its properties. You can also copy its properties to create a new map icon. Available options vary depending on map icon type.

1. On the **Navigation** bar, click the **Edit** icon, and then click **Maps**.
2. Select the map to be edited.
3. Edit the map **Name**, **Description**, and **Enabled** status as required.
4. Use the toolbar buttons to manipulate the map.
5. **Optional:** Edit map icons:
   a. Right-click the icon that you want to edit.

b Select the required option from the contextual menu.

c Make changes as required.

Note:
Selecting **Copy** from the contextual menu copies both the icon and all its properties, for example, assigned object and assigned left click action.

6 Click **Save**.

Event configuration

The EAS integration includes functionality that allows alarm type configuration at the EAS level, that is, to enable or disable alarm types for each server and also enable or disable alarms for each device. This effects the alarm processing at the victor EAS driver level. Incoming alarms are filtered in the driver based on this configuration and either journaled or not journaled into victor.

Alarm type configuration editor

1. Click the **System Configuration** icon, click **Settings**, and then click **EAS Settings**.
2. Under **EAS Events** is the alarm list editor window.
3. To enable an EAS alarm type, select the checkbox in the **Enabled** column.
4. Click **OK** to save the configuration.

Enabling or disabling alarms for EAS devices

From any EAS device (EAS server, counter, deactivator, detector), right-click the device from the device tree, dynamic view, or map and select **Suppress/Reactivate Alarms** from the command list. This enables or disables the creation of victor journal entries for that device.

Note:
For Systems configured with a Synergy Network Card, the integration attempts to trigger an alarm on the first device that is available and can trigger the specific alarm. For example, a Metal Bag alarm can be triggered on all three devices. In that case, the integration attempts to trigger first on the detector, then on the detacher, and then on the counter. If an alarm needs to be suppressed, it must be suppressed on all three devices.

Using the Events/Schedule setup editor

Use the Event Schedule setup editor and the Event/Action pairing editor to build multiple event configurations. This option is quicker and easier than building single event configurations one at a time for EAS objects.

1. Click the **System Configuration** icon.
2. Select **Events/Schedule Setup**. The events setup editor displays.
3. Double-click the **Devices** node and use the object selector to select the device, or drag it from the device list.
4. Select  in node of the device added and select the checkboxes from the list to assign alerts as required.
5. Select **Add Alerts**. Selected alerts display under the Alerts node.
6. Select  in the **Alerts** node and use the Object Selector to assign Actions.
7. Repeat as required. Use  and  to add and remove objects.
8. Use merge and clone options as required to copy configurations:
   - Merge and clone target configuration.
   - Duplicate source configuration to all targets.
   - Remove configuration on source and target.
9. **Optional:** Add or remove schedules from the event. Refer to the *Scheduling* section of the *victor Administration and Configuration Guide* for more information about schedules.
10. Select **Save**.

Creating an EAS action

Create EAS integration specific actions to tie together system events with actions you want to trigger.

1. On the **Navigation** bar, click **Create New Item**, and then click **EAS Action**.
2. In the **Name** and **Description** fields, enter a name and a description.
3. Click the  icon to add devices for this action.
4. Select one or more devices to include in the action.
5. Select the action to execute. For example, you can select the following actions for a detector:
   - Suppress Alarms
   - Reactivate Alarms
6. Click **Save**.

Event/Action pairing editor

Use the Event/Action pairing editor to link system events with actions.

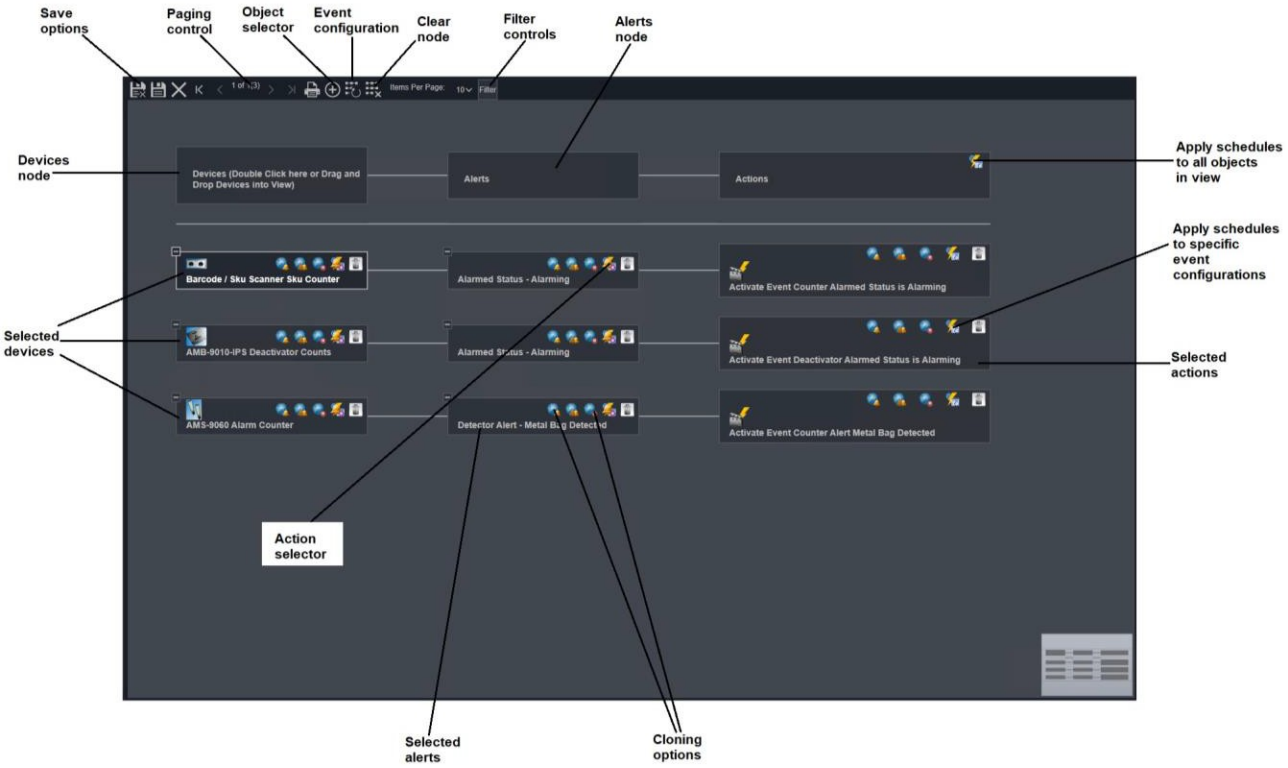
Note:
Event/Action association can be made only in this editor.

1. On the **Navigation** bar, click **Create New Item**, and then click **Event**.
2. Select **Event/Action Pairing** from the top toolbar.
3. Click the **Events** node and use the Object Selector to select events as required.
4. Click  in the **Events** node and use the **Object Selector** to assign event Actions.
5. Repeat as required. Use  and  to add and remove objects.
6. Select **Save**.

Events setup

The Events/Schedule setup editor provides a dynamic, visual method of batch linking devices, alerts, and actions as well as to set up event scheduling.

Figure 5: Events setup



Event status mapping

Event status mapping is not supported by this integration.

EAS reports

Use the Reporting feature in victor to display journal and audit information on system objects and activity. The report function includes the following features:

- Use the predefined report templates available within the client. Alternatively, use Ad Hoc reports to create customizable reports which allow you to use search terms.
- Use the data visualizer feature to display report data graphically using charts, timelines, and report grids.
- Send reports and data visualizations as email attachments directly from the reporting module.
- Configure reports to refresh at regular intervals so that the reports display up-to-date information about system objects and activity.
- Incorporate reports into workspace layouts to create dashboards that display system information in addition to surveillance information.

Journal filter

Use the Journal Filter to regulate the amount of data that is written to the database (journaled) by blocking or unblocking specific alert types.

To access the Journal Filter, go to **System Configuration>Settings**.

The following message types cannot be blocked and are always journaled:

- General Purpose Interface Activity
- Operator Login
- State Change
- System Activity
- System Error

Note:
The default setting is to write messages to the database unless they are blocked in the Journal Filter.

Generating EAS reports

Generate reports for EAS events from a standalone server, MAS, or SAS. Reports generated from an MAS include all EAS events from all connected SASs.

1. Click the **New** tab and click **Report**.
2. In the **Reports and Data Visualization** window, use the date range picker to select the required date range.
3. Click the **Events** node and use the object selector to select the required events.
4. From the **Template** list, select **Event Activations**.
5. To filter EAS objects, select from the **Event** or **Source** lists.
6. Click **Execute** for a text-based report, **Visualize** for a visual-based report, **Save** to save the generated report, or **Email** image to email the report.

   Note:
   To send reports and data visualizations as email attachments, navigate to **Configuration>Settings>Email Preferences** and configure email preferences.

Health dashboard

To open the Health dashboard, click the **New** Tab and click **Health Dashboard**. On the Health dashboard, monitor the status of the following objects in the EAS system:

- BIM Servers
- EAS Detectors
- EAS Deactivators
- EAS Counters

When an EAS object goes into an alarmed state on the panel, the corresponding icon turns red on the Health dashboard. Expand the icon to view the alarm details for the object. After the alarm is cleared for the object, the icon reverts to a green color.

EAS settings

Use the Settings feature to configure a range of system-wide settings from a single editor. For the EAS integration for victor, these settings are helpful to increase the logging level that gets exported to the Windows Event Viewer.

EAS settings are global integration-wide settings for EAS objects. Click the **System Configuration** icon and click **Settings** to display the following configuration options:

Diagnostics Logging to Event Viewer: Enable or disable diagnostic level logging in Windows Event Viewer.

Severity Logging: Select a severity logging setting from the following list:

- **Verbose:** Everything is logged for the driver.
- **Debug:** Errors, warnings, information, and debug messages are logged.
- **Information:** Errors, warnings, and information messages are logged.
- **Warning:** Errors and warning messages are logged.
- **Error:** Only error messages are logged.

Note:
When you click the **Save** icon, this setting is applied automatically. You do not need to restart the driver services.

EAS Events: Enable or disable the EAS events that can be journaled in victor. See *Event configuration* for more information.

EAS device states

See the following lists of the states supported by each of the EAS object types in victor and the object state icons that are supported. The order that is shown reflects the order in which an image is selected to display for each object type.

Table 6: EAS server states

State values	Icons
Listening Connected Disconnected Failed Unknown	

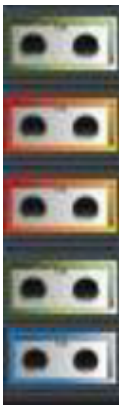
Table 7: Detector states

State values	Icons
Online Offline Alarming Secured Unknown	

Table 8: Deactivators states

State values	Icons
Online	
Offline	
Alarming	
Secured	
Unknown	

Table 9: Counter states

State values	Icons
Online	
Offline	
Alarming	
Secured	
Unknown	

EAS alarms

See the following lists of supported alarm types.

Table 10: Detector alarms

Category	Status
Online Status	Online
	Offline
Alarmed Status	Alarming
	Secured
Detector Alert	Jammer Detected
	Metal Bag Detected
	Tags Too Close
	Alarm Count Occurred

Table 11: Deactivator alarms

Category	Status
Online status	Online
	Offline
Alarmed Status	Alarming
	Secured
Deactivator Alert	Jammer Detected
	Metal Bag Detected
	Tags Too Close

Table 12: Counter alarms

Category	Status
Online status	Online
	Offline
Alarmed Status	Alarming
	Secured
Counter Alert	Jammer Detected
	Metal Bag Detected
	Metal Bag Detected Inbound
	Metal Bag Detected Outbound
	Tags Too Close
	Blocked People Count Sensor
	People Count Occurred