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Galaxy integration for victor v6.0 Release Notes

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This document provides important information about the victor Integration Software for Galaxy Intrusion Integration. Read this document before you install the product.

Product: Unified Galaxy Intrusion Integration
- Integration Software Version: 6.0.22.22

This driver release is qualified with victor when installed on:
- victor Unified Systems v4.00 (C•CURE v3.00 and victor v6.0)

Overview

The victor platform provides seamless integration with the Honeywell Galaxy Intrusion Security System, allowing customers to monitor their important intrusion system devices from victor. The software also monitors the Intrusion Panel Status, Set/Unset Partition, Activate/De-activate Output, and Bypass/Reset Zones.

What's New

Following are the new features supported in this version of release:
- Support for new Galaxy Panel firmware v7.04 and Ethernet E080 -10 Module firmware v4.14, v4.15 and v4.16.
- Introduced new config entry called "SystemStatuspollInterval". With this config entry the driver will check for status updates every 15 minutes.
- Diagnostics logging is enhanced for logging Online and Offline messages even when Galaxy Filter switch is not enabled in Diagnostics tab. With this new enhancement, we do not have to enable Galaxy filter in diagnostics logs, instead launch the Diagnostics tab, do not enable any filter and then when the panel goes Offline or Online, only those messages will be logged (messages such as heartbeat, status messages will not be logged).
  Note: Existing feature with Filter enabling will continue to work as is.

Features

The Unified victor Application Server integration software for Galaxy Intrusion offers the following features:
- Supports GD-48/96/264/520 Dimension Intrusion Panels.
- Provides a descriptive display of Panels, and RIO Events Received.
- Synchronizes Panel to import data about the following objects:
  - Partition
  - Zones
  - Secondary devices
  - Outputs
  Note: When Synchronize from Panel action is performed, the User objects are not synchronized.

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- Supports the following actions to control the Galaxy objects:
    - Zone: Bypass or Reset
    - Output: Activate or Deactivate
    - Partition: Set or Unset
- Polls for output, zone, partition, system, and RIO status.
- Supports Audit and Journal Log.
- Supports instant Manual Actions.
- Runs as a Windows service.
- Supports TLS 1.2 for security.

Hardware and Firmware Requirements

The victor Galaxy Intrusion Integration supports the following hardware and firmware:

Table 1: Panel Models and Firmware Versions

Galaxy Dimension Intrusion Panel Models	Firmware Versions
GD-48	v6.10, v6.50, v6.70, v6.79, v6.92, v7.04
GD-96	v6.70, v6.79, v6.92, v7.04
GD-264	v6.70, v6.79, v6.92, v7.04
GD-520	v6.70, v6.79, v6.92, v7.04

Table 2: Ethernet Module Models and Firmware Versions

Ethernet Module Models	Firmware Versions
Ethernet E080-2	v2.08
Ethernet E080-10	v4.14, v4.15, v4.16

Contents of the Installation Package

Below table lists the contents of the Galaxy Intrusion Integration installation package:

Table 3: Installation Package

File	Description
Galaxy_Integration.exe	Galaxy Intrusion Integration software setup file
UM-vUC-Galaxy-v6.0-A163816J15-B-en.pdf	Galaxy Intrusion Integration User Manual
RN-vUC-Galaxy-v6.0-A163816J0N-B-en.pdf	Galaxy Intrusion Integration Release Notes

Supported Installation Types

The victor Galaxy Intrusion Integration supports the following installation types:
- Unified Standalone
- victor Standalone
- Unified Enterprise
- victor Enterprise

Pre-Installation

Before you install the Galaxy Intrusion Integration, ensure that your system meets the following criteria:

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On the victor Application Server:
1. You must have appropriate Windows permissions.
2. You must be a member in the local Administrators group or have equivalent privileges.
3. You must install the victor Application Server with the following option:
   - Galaxy Intrusion

On the clients:
1. You must have appropriate Windows permissions.
2. You must be a member in the local Administrators group or have equivalent privileges.
3. You must install the victor client.

Installation

Note:
- You must install the Galaxy Intrusion Integration in the same folder as victor. If the correct version of victor is not installed, a message is displayed prompting you to install the correct version.
- Before installing the Galaxy Intrusion Integration, follow the below steps:
  1. Close the victor Unified Client.
  2. Open the Server Configuration Application and stop the following server services.
     - CrossFire Framework Service
     - CrossFire Server Component Framework Service
  3. Close the Server Configuration Application.

Follow the steps to install the Galaxy Intrusion Integration Software on the server and remote clients:
1. Double-click the `Galaxy_Integration.exe` file. The Install Wizard begins. The GALAXY Intrusion Integration **Welcome** screen appears.
2. Click **Next** and follow the Install Wizard prompts.
3. On the **License Agreement** page, select the **I accept the terms in the license agreement** check box and then click **Next**.
4. Click **Finish** to complete the installation.

Note: The Galaxy Intrusion Integration server components cannot be installed on a victor Application Server MAS.

Post-Installation

Perform the following steps after installation:

1. Launch the **Server Configuration Application**:
   a. On the taskbar, click the **Start** button and then click **All Programs**.
   b. Click **Tyco**, right-click the **Server Configuration** and then click **Run as Administrator**. The Server Configuration Application page opens.
2. Start the **CrossFire Services**:
   a. On the **Server Configuration Application** page, click to open the **Services** tab.
   b. Ensure that both Crossfire Framework Service and Crossfire Server Component Framework Service are running.
   c. In the **Extension Services** area, locate the **Galaxy Driver Service**. Select the **Enabled** check box and then click the **Start** button. The status of the Galaxy Driver Service changes to **Running**.
3. Launch the victor client:
   a. On the taskbar, click the **Start** button and then click **All Programs**.
   b. Click **victor**.

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Upgrading the Galaxy Integration

The v6.0 Galaxy driver supports the following upgrade scenarios:
- Upgrade from v5.4.1 to v6.0
- Upgrade from v5.6/v5.7 to v6.0

To upgrade the Galaxy driver from a version earlier than v5.4.1 to v6.0, follow an incremental upgrade path to get to v5.4.1.

You must upgrade the victor installation before you upgrade the Galaxy Intrusion Integration. For example:
- If the current driver is a victor v5.2 compatible driver, upgrade incrementally to a victor v5.4.1 compatible driver, and then upgrade to a victor v6.0 compatible driver to maintain data integrity.
- If the current driver is a victor v5.3 compatible driver, upgrade incrementally to a victor v5.4.1 or v5.6/v5.7 compatible driver, and then upgrade to a victor v6.0 compatible driver to maintain data integrity.

Caution:
- If you have made any changes in the configuration file - `TSP.Enterprise.Intrusion.Galaxy.Server.GalaxyDriverService.exe`, ensure that you back up the file before upgrading. The configuration file is located at `Tyco\CrossFire\ServerComponents`.
- If you upgrade victor and reboot your system before you upgrade the Galaxy integration, the Galaxy driver is stopped. You must upgrade the Galaxy Integration to a victor v6.0 compatible driver before you can start the Galaxy driver.

Follow the steps below to upgrade the Galaxy Integration from v5.4.1 or v5.6/v5.7 to v6.0.
1. Use the victor installer or the Unified installer to upgrade victor to v6.0.
   Note: Click **Later** on the prompt that appears after you upgrade victor. Do not click **Reboot**.
2. Run the Galaxy Integration installer.
3. Reboot the machine.

Scalability

The driver supports 100 panels per server.

Language Support

This driver supports the English (US) language.

Compatibility Matrix

Table 4: Compatibility Matrix lists the Compatibility Matrix for the Galaxy Intrusion Integration:

Table 4: Compatibility Matrix

victor version 6.0	
Partner	Honeywell
Partner Product	Galaxy Dimension Panel Models - GD-48, GD-96, GD-264, GD-520 Ethernet Module Models - Ethernet E080-2 and Ethernet E080-10

Partner Product version	Galaxy Dimension Panel Firmware - 6.10, 6.50, 6.70, 6.79, 6.92, 7.04 Ethernet Module Firmware - Ethernet E080-2: v2.08 and Ethernet E080-10: v4.14, v4.15, v4.16
Integration driver version	6.0.22.22
victor License option	ADVC-GALAXY
Enterprise certified	Supported
Redundancy certified	No
Supported Server OS	All OS supported by victor server
Supported Client OS	All OS supported by victor Client
Supported SQL	All SQL supported by victor server

Known Issues and Limitations

This section describes the victor Galaxy Intrusion known limitations.

- If **Connection Strings Encrypted** checkbox is selected at victor v5.4.1/v5.6/v5.7 then after upgrading to v6.0 and, when v6.0 compatible Galaxy Integration is installed, **Connection Strings Encrypted** check box is de-selected.
    - o **Workaround**: Enable the check-box **Connection Strings Encrypted** again.
- If you install the Galaxy Intrusion Integration driver on remote clients, the **Integration Setup dialogue box** appears, and you may be prompted to select an **Installation Option** for **Redundancy sever**. Ignore this message and click **Next** to continue with installation. If you select the **Redundancy sever installation using supported third party Redundancy Check Box**, provide the virtual server location, and then click **Next**; this selection is ignored and there is no functional impact.
- Performing **Set/Unset** actions on multiple **Galaxy Partitions**, may fail to Set or Unset certain Partitions. This can occur when action is performed on more than ten partitions.
- Performing an Activation or Deactivation action (manual Action or Galaxy Action) on a **Line 3 or Line 4** Output from victor is not supported in this version of the Galaxy Intrusion Integration.
- This version of Galaxy Intrusion Integration supports only Microtec protocol.
- **Context Menu** is not displayed for Galaxy objects in victor client connected to MAS.
- Refreshing MAP in victor client connected to MAS results in displaying Galaxy object with icon 'X'
    - **Workaround:** Relaunch MAP.
- On a victor MAS Remote Client, **Left Click** action is not performed on Galaxy object configured in MAP.
- The Virtual Keypad of the panel locks up occasionally.
    - **Workaround:** You can wait for some time or close and open the Virtual keypad.
- There is a delay in Virtual Keypad response due to limitation in Galaxy panel.
- You can launch multiple Virtual Keypads in victor enterprise installation or on remote clients. If multiple Virtual Keypads are launched, then the activity performed on one Virtual Keypad is reflected on all the Virtual Keypads, hence launching multiple Virtual Keypads are not recommended.
- If multiple intrusion integrations (such as Neo, DMP, Galaxy, Sur-Gard and Bosch) are installed on the system, then performing the uninstallation of individual intrusion integration with the option **Database Drop** selected is not recommended as this will cause the other intrusion integrations to malfunction.
- If multiple intrusion integrations (such as Neo, DMP, Galaxy, Sur-Gard and Bosch) are installed on the system, then performing the upgrade of individual intrusion integration is not recommended. User must perform the upgrade of all the intrusion integrations at the same time.

- When upgrade is performed from victor v5.4.1/v5.6/v5.7 with multiple Integrations and, post victor 6.0 upgrade, then upgrade of all Integrations is mandatory. If any of the Integrations is not upgraded, then it may lead to malfunctioning of other integration services or CF services. User must perform the upgrade of all the integrations.

Note: This version of driver only encodes and decodes payloads when connecting to the Galaxy Panels. Encryption of communication between the driver and panel is not supported currently, but it is planned for future versions. Authentication is not supported for this version of driver as the third-party firmware on the Galaxy Panels does not support it.

Defects Fixed

The table below lists the defects fixed in this version of the software:

Table 5: Defect Fixes

Category	SPAR Number	SPAR Description
Driver	874790	For the Zone range 0011 till 0018, Zone status is not updated in victor. Also, when any Zone alarms are acknowledged through virtual keypad, Zones are assigned with incorrect status.
Driver	874789	Duplicate output records are created in victor when panel is synchronized after renaming it.
Driver	834519	Galaxy driver upgrade takes longer installation time.
Driver	874788	Even when checkboxes **Send state changes to Activity Viewer** and **Send state changes to Journal** on Zone and outputs are unchecked, status changes still get journalled.
Driver	874628	In Galaxy integration, it was observed that the connections are staying in CLOSE_WAIT.

End of Release Notes

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