

Galaxy Intrusion Integration for C•CURE 9000 v2.90

Release Notes

8200-1191-1159
Document Revision: E
August 2023

This document provides important information about the installation of the C•CURE 9000 Galaxy Intrusion Integration v2.90 on both server and client machines. In case of discrepancy, the information in this document supersedes the information in any document referenced herein.

Read this document before you install the product.

Product: C•CURE 9000 Galaxy Intrusion Integration

- Integration Software Version: 3.91.172.0

This driver release is qualified with C•CURE 9000 when installed on:

- victor Unified Systems v3.91 (C•CURE v2.90 and victor v5.6)

Overview

The C•CURE 9000 Galaxy Intrusion Integration software provides advanced, seamless integration with the Honeywell Galaxy Intrusion Security System, allowing customers to monitor their important intrusion devices from the C•CURE 9000 Monitoring and Administration Station. 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 following is a list of major features that is supported by C•CURE 9000 Galaxy Intrusion Integration:

- Supports GD-48/96/264/520 Dimension Intrusion Panels.
- Provides a descriptive display of Panels, RIO events received.
- Synchronizes Panel to import data on the following objects except Users:
 - Partition

- Zones
 - Secondary devices
 - Outputs
- Supports following action to control the Galaxy objects from C•CURE 9000:
 - Zone: Bypass or Reset
 - Output: Activate or Deactivate
 - Partition: Set or Unset
- Polls for Output, Zone, Partition, and RIO status.
- Supports Audit and Journal Log.
- Supports instant Manual Actions.
- Galaxy driver runs as Window's Service.
- Supports TLS 1.2 for security.

Qualified Hardware and Firmware

Galaxy Intrusion Integration has the same hardware, and disk space requirements as the victor Application Server. If the target computer meets victor Application Server requirements, then it meets the Galaxy Intrusion Integration requirements.

The 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

Installation Package Contents

The table below lists the contents of the installation package:

Table 3: Contents of installation

File	Description
Galaxy_Integration.exe	Installation program for the Galaxy Intrusion Integration software
CC9K-Galxy-v2-9-UM-8200-1191-1158Cen.pdf	C•CURE 9000 Galaxy Dimension Intrusion Integration User Guide
CC9K-Galxy-v2-9-RN-8200-1191-1159Een.pdf	Release Notes for C•CURE 9000 Galaxy Intrusion Integration

Supported Installation Types

The C•CURE 9000 Galaxy Intrusion Integration supports the following installation types:

- Unified Standalone
- C•CURE 9000 Standalone
- Unified Enterprise
- C•CURE 9000 Enterprise

Installation

For installation instructions, refer to the *C•CURE 9000 Galaxy Intrusion Integration User Guide*.

Upgrading the Galaxy Intrusion Integration

The v2.90 Galaxy driver supports the following upgrade scenarios:

- Upgrade from v2.70 to v2.90
- Upgrade from v2.80 to v2.90
- Upgrade from earlier v2.90 Galaxy Integration build version to v2.90 current Galaxy Integration build version

To upgrade the Galaxy driver from a version earlier than v2.70 to v2.90, follow an incremental upgrade path to get to version 2.70. You must upgrade the C•CURE installation before you upgrade the Galaxy Intrusion Integration. For example:

- If the current driver is a C•CURE v2.50 compatible driver, upgrade incrementally to a C•CURE v2.70 compatible driver, and then upgrade to a C•CURE v2.90 compatible driver to maintain data integrity.
- If the current driver is a C•CURE v2.60 compatible driver, upgrade incrementally to C•CURE v2.70 or v2.80 compatible driver, and then upgrade to a C•CURE v2.90 compatible driver to maintain data integrity.

Note: See [Known Issues and Limitations](#) before you upgrade.

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 `\Program Files (x86)\Tyco\CrossFire\ServerComponents`.
- If you upgrade C•CURE and reboot your system before you upgrade the Galaxy integration, the Galaxy driver is stopped. You must upgrade the Galaxy integration to a C•CURE v2.90 compatible driver before you can start the Galaxy driver.

To upgrade the Galaxy Integration to v2.90, complete the following procedure:

1. Use the Unified installer to upgrade to C•CURE 9000 v2.90.
Note: Click **Later** on the prompt that appears after you upgrade C•CURE. Do not click **Reboot**.
2. Upgrade the Galaxy integration.
3. Reboot the machine.

To upgrade the Galaxy Integration from v2.90 earlier integration build versions to v2.90 integration build v3.91.172.0:

- Run the Galaxy Integration installer.

Scalability

This driver is qualified with 100 panels per server.

Language Support

This driver supports the English (US) language.

Software Requirements

Software

The Galaxy integration for C•CURE 9000 requires the following software:

- C•CURE 9000 Security and Event Management System v2.90

Compatibility Matrix

The table below lists the Compatibility Matrix for the Galaxy Intrusion integration.

Table 4: Compatibility Matrix

C•CURE 9000 version 2.90	
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	3.91.172.0
C•CURE 9000 license option	CC9000-GXY
Enterprise certified	Supported
Redundancy certified	Yes (everRun Enterprise)
Supported server OS	All OS supported by C•CURE 9000 server
Supported client OS	All OS supported by C•CURE 9000 Client
Supported SQL	All SQL supported by C•CURE 9000 server
Supported upgrade path	Note: Read the Known Issues and Limitations section of this document before you upgrade. <ul style="list-style-type: none">• C•CURE v2.70 with v2.60.7 to C•CURE v2.90 with v3.91.172.0• C•CURE v2.70 with v3.60.53.0 and above to C•CURE v2.90 with v3.91.172.0• C•CURE v2.80 with v3.80.31.0 and above to C•CURE v2.90 with v3.91.172.0• C•CURE v2.90 with v3.91.91.0 and above to C•CURE v2.90 with v3.91.172.0

Field Terminologies

This section describes the field terminology changes in the user interface when compared to Galaxy Integration **v2.40.1033.0** or earlier and **v2.60.7.0**.

Note: Following changes are applicable only for the customers migrating from Galaxy Integration **v2.40.1033.0** or earlier and **v2.60.7.0**.

Galaxy panel:

- The **Galaxy Controller** has been renamed as **Galaxy Panel**.
- There are field terminology changes in the User Interface compared to C•CURE only Galaxy driver version 2.40.1033.0 or earlier and v2.60.7.0.
 - The **Host IP Address** field has been added.
 - The **App Version** and **Command Control Port Number** fields have been removed. Refer to the Table 5: Galaxy Panel Configuration Tab for renamed terminology.

Table 5: Galaxy Panel Configuration Tab

Galaxy Panel Configuration Tab	
C•CURE only driver Terminology	Corresponding Unified Driver Terminology
Controller Type	Panel Type
Account Number	Panel Account Number
IP Address	Panel IP Address
Receiving Port	Alarm Port

Galaxy Partition:

- **Galaxy Area** has been renamed as **Galaxy Partition**.
- There are field terminology changes in the User Interface compared to C•CURE only Galaxy driver version 2.40.1033.0 or earlier and v2.60.7.0.
 - The **Controller field** has been removed. Refer to the Table 6: Galaxy Partition Configuration Tab for renamed terminology.

Table 6: Galaxy Partition Configuration Tab

Galaxy Partition Configuration Tab	
C•CURE only driver Terminology	Corresponding Unified Driver Terminology
Area Number	Partition Number

Galaxy Zone:

- **Galaxy Input** has been renamed as **Galaxy Zone**.
- There are field terminology changes in the User Interface compared to C•CURE only Galaxy driver version 2.40.1033.0 or earlier and v2.60.7.0.
 - The **Controller** and **Assigned To** fields have been removed. Refer to the Table 7: Galaxy Zone Configuration Tab for renamed terminology.

Table 7: Galaxy Zone Configuration Tab

Galaxy Zone Configuration Tab	
C•CURE only driver Terminology	Corresponding Unified Driver Terminology
Input	Zone
Connection	Zone Number
Type	Zone Type

Galaxy Output:

- There are field terminology changes in the User Interface compared to C•CURE only Galaxy driver version 2.40.1033.0 or earlier and v2.60.7.0.
 - The **Controller**, **Type**, **Connection** and **Assigned To** fields have been removed.
 - The **Output Number** field has been added. Refer to the Table 8: Galaxy Output Configuration Tab for renamed terminology.

Table 8: Galaxy Output Configuration Tab

Galaxy Output Configuration Tab	
C•CURE only driver Terminology	Corresponding Unified Driver Terminology
Output Function	Function
Connection	Zone Number
Type	Zone Type

Galaxy Secondary Device:

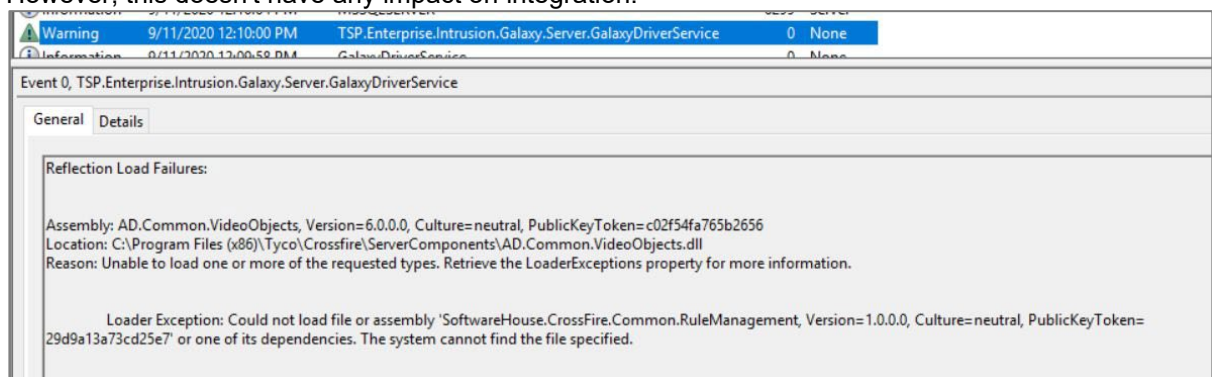
- There are field terminology changes in the User Interface compared to C•CURE only Galaxy driver version 2.40.1033.0 or earlier and v2.60.7.0.
 - The **Controller** and **Device Type** fields have been removed.

Known Issues and Limitations

This section describes the C•CURE 9000 Galaxy Intrusion known limitations.

- After installing the Galaxy integration with the Connection Strings Encrypted checkbox selected, Crossfire services failed to start.
Note: The following are the recommended steps for installing/upgrading the Galaxy Integration:
 - Disable the check-box Connection Strings Encrypted in the Database tab under Server Configuration Application.
 - Install the Galaxy Integration.
 - Enable the check-box Connection Strings Encrypted again.
- The previous configurations of Dynamic Views, Reports, and Queries in your system do not migrate when you perform an upgrade from Galaxy Integration version 2.40.1033.0 or earlier and 2.60.7.0. Existing Dynamic View uses third party components with proprietary data formats which were specifically designed for the older Galaxy Objects making the migration to the newer galaxy driver incompatible. Therefore, following an upgrade from version 2.40.1033.0 or earlier and 2.60.7.0, you must entirely re-configure Dynamic Views, Reports, and Queries on your system. Refer to Technical Advisory Bulletins for further details. If you require assistance during the upgrade process, contact Software House support.
- The Events configured for activating/deactivating Galaxy Outputs can no longer be activated/deactivated when you perform an upgrade from Galaxy Integration version 2.40.1033.0 or earlier and 2.60.7.0, because in C•CURE only-Galaxy driver to activate/deactivate Galaxy output, C•CURE core action (Activate Output/Deactivate Output) is used. Whereas in Unified Galaxy driver, there is separate action called "Galaxy Output (Activate/Deactivate)".
- The groups configured for Galaxy Outputs can no longer be activated/deactivated when you perform an upgrade from Galaxy Integration version 2.40.1033.0 or earlier and 2.60.7.0. Also, when right clicked on Galaxy Outputs group, Activate/Deactivate option is not displayed and when event containing Galaxy Outputs group is activated, no action takes place.
 - Workaround:** Configure a new group/reconfigure the existing group by selecting group type as Galaxy Output.
- After upgrading from previous version of Galaxy driver (C•CURE only/Unified), Triggers configured for Galaxy partition before migration does not get triggered.
 - Workaround:** Driver restart, disable and then enable Galaxy panel.

- Upgrade of this driver is supported using the **User Account** used to install an earlier version of Galaxy integration.
- After an upgrade, User Codes configured prior to upgrade are not available.
- The Partition that is associated with the C•CURE 9000 group cannot be armed from a MAS Remote Client.
- If you install the Galaxy Intrusion Integration on remote clients, the **Integration Setup** dialogue box appears, and you may be prompted to select an **Installation Option** for **Redundancy Server**. 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.
- State Images display in the Monitoring Station according to priority. The display is not related to the activity performed on any of the Galaxy Objects. Refer to the priority list for each Galaxy Object under the respective state images.
- If the Galaxy Panels are in engineering mode, C•CURE 9000 establishes a connection with the panel, however Alarms and Events are not registered by C•CURE 9000.
- If you create a **Galaxy Panel** in the collapsed mode of the Company Name folder, or any other folder, it appears in the Dynamic View but not the Hardware Tree. To view the Galaxy panel in the Hardware Tree, you must perform a refresh.
- Performing a manual action on a **Galaxy Partition** group may fail to Set or Unset certain areas in the **Galaxy Partition Group**. This can occur in Galaxy Partition groups configured with more than ten Partitions. Occasionally, after performing a manual set action, the status of Partitions not included in that group may result in a Set status.
- Performing an activation or deactivation action (manual action or Event action) on a Line 3 or Line 4 output from C•CURE 9000 is not supported in this version of the Galaxy Intrusion Integration.
- Under the following circumstances, Active Events cannot trigger actions on a Galaxy object:
 - If the Galaxy Panel is offline.
 - If communication to the Galaxy Panel restores after the event activation.
- 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 C•CURE 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.
- This version of Galaxy Integration supports only Microtec protocol.
- Migration of a standalone machine with a Galaxy Intrusion Integration to SAS is not supported.
- 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.
- Every time Galaxy driver is restarted, following warning message gets logged in the Event Viewer. However, this doesn't have any impact on integration.



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 9: General Fixes

Category	SPAR Number	SPAR Description
Driver	843651	For the Zone range 0011 till 0018, Zone status is not updated in C•CURE. Also, when any Zone alarms are acknowledged through virtual keypad, Zones are assigned with incorrect status.
Driver	844223	Duplicate output records are created in C•CURE when panel is synchronized, after renaming it.
Driver	834428	Galaxy driver upgrade takes longer installation time
Driver	835818	Even when checkboxes Send state changes to MS and Send state changes to Journal on Zone and outputs are unchecked, status changes still get journalled.
Driver	834977	When actions are performed through C•CURE events on Galaxy object's C•CURE groups, then instead of group command individual commands are being sent.
Driver	862241	In Galaxy integration, it was observed that the connections are staying in CLOSE_WAIT.

End of Release Notes

The trademarks, logos, and service marks displayed on this document are registered in the United States [or other countries]. Any misuse of the trademarks is strictly prohibited, and Johnson Controls will aggressively fully enforce its intellectual property rights of the law, including pursuit of criminal prosecution wherever necessary. All trademarks not owned by Johnson Controls are the property of their respective owners and are used with permission or allowed under applicable laws.

Product offerings and specifications are subject to change without notice. Actual products may vary from photos. Not all products include all features. Availability varies by region; contact your sales representative.

© 2023 Johnson Controls. All rights reserved. JOHNSON CONTROLS, TYCO and SOFTWARE HOUSE are trademarks of Johnson Controls.