

## Release Notes for C•CURE 9000 v2.8 Galaxy Intrusion Integration v3.80.39.0

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Document Revision C0

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This document provides important information about the installation of the C•CURE 9000 Galaxy Intrusion Integration v2.80 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: 3.80.39.0

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

- victor Unified Systems v3.81 (C•CURE v2.80 and victor v5.4.1)

### Contents:

1. [Overview](#)
2. [What's New](#)
3. [Features](#)
4. [Qualified Hardware and Firmware](#)
5. [Contents of the Installation Package](#)
6. [Supported Installation Types](#)
7. [Installation](#)
8. [Upgrading the Galaxy Intrusion Integration](#)
9. [Scalability](#)
10. [Language Support](#)
11. [Compatibility Matrix](#)
12. [Field Terminologies](#)
13. [Known Issues and Limitations](#)
14. [Defects Fixed](#)
15. [End of Release Notes](#)

## 1. Overview

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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.

## 2. What's New

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In this version of driver, **Callback** mechanism has been optimized.

**Callback** mechanism is made lighter so that it returns quickly, and potentially eliminates the Callbacks timing out by using the .Net core components.

## 3. Features

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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
- 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

#### 4. 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:

- GD-48: v6.10, v6.50, v6.70, v6.79, v6.92
- GD-96: v6.70, v6.79, v6.92
- GD-264: v6.70, v6.79, v6.92
- GD-520: v6.70, v6.79, v6.92

#### 5. Contents of the Installation Package

Table 1: Installation Package lists the contents of the Galaxy Intrusion Integration installation package:

**Table 1: Installation Package**

File	Description
Galaxy_Integration.exe	Installation program for the Galaxy Intrusion Integration software
CC9K-Galaxy-v2-8-UM-8200-1191-1107-C0-en.pdf	C•CURE 9000 Galaxy Dimension Intrusion Integration User Guide
CC9K-Galaxy-v2-8-RN-8200-1191-1106-C0-en.pdf	Release Notes for C•CURE 9000 Galaxy Intrusion Integration

#### 6. 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

#### 7. Installation

See the *C•CURE 9000 Galaxy Dimension Intrusion Integration User Guide*.

#### 8. Upgrading the Galaxy Intrusion Integration

##### 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.

The 2.80 Galaxy driver supports the following upgrade scenarios:

- Upgrade from 2.60 to 2.80

- Upgrade from 2.61 to 2.80
- Upgrade from 2.70 to 2.80

To upgrade the Galaxy driver from a version earlier than v2.60 to v2.80, follow an incremental upgrade path to get to version 2.60.

**Note:** You must upgrade the C•CURE 9000 installation before you upgrade the Galaxy Integration.

For example,

- If the current driver is a C•CURE v2.40 compatible driver, upgrade incrementally to a C•CURE v2.60 compatible driver, and then upgrade to a C•CURE v2.80 compatible driver to maintain data integrity.
- If the current driver is a C•CURE v2.50 compatible driver, upgrade incrementally to C•CURE v2.60 or v2.70 compatible driver, and then upgrade to a C•CURE v2.80 compatible driver to maintain data integrity.

### Upgrading C•CURE 9000 2.60 to C•CURE 9000 v2.80

#### 1. From Galaxy v2.60.7.0

1. Upgrade to C•CURE 9000 v2.80  
**Note:** Do not click on the reboot prompt that appears after the C•CURE upgrade.
2. Upgrade the Galaxy driver to 3.80.39.0
3. Reboot the machine
4. Apply C•CURE 9000 v2.80 license and start Crossfire and Galaxy services  
**Note:** Please refer to the [Section 10: Known Issues and Limitations](#) before upgrade.

#### 2. From Galaxy v3.52.107.0

1. Upgrade to C•CURE 9000 v2.80  
**Note:** Do not click on the reboot prompt that appears after the C•CURE upgrade.
2. Upgrade the Galaxy driver to 3.80.39.0
3. Reboot the machine
4. Apply C•CURE 9000 v2.80 license and start Crossfire and Galaxy services

### Upgrading C•CURE 9000 2.61/2.70 to C•CURE 9000 v2.80

#### 1. From Galaxy v2.60.7.0

1. Upgrade to C•CURE 9000 v2.80  
**Note:** Do not click on the reboot prompt that appears after the C•CURE upgrade.
2. Upgrade the Galaxy driver to 3.80.39.0
3. Reboot the machine
4. Apply C•CURE 9000 v2.80 license and start Crossfire and Galaxy services  
**Note:** Please refer to the [Section 10: Known Issues and Limitations](#) before upgrade.

#### 2. From Galaxy v3.60.53.0 and above

1. Upgrade C•CURE 9000 v2.80  
**Note:** Do not click on the reboot prompt that appears after the C•CURE upgrade.
2. Upgrade Galaxy driver to 3.80.39.0
3. Reboot the machine
4. Apply C•CURE 9000 v2.80 license and start Crossfire and Galaxy services

## 9. Scalability

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This driver is qualified with 100 panels per server.

## 10. Language Support

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This driver supports the English (US) language.

## 11. Compatibility Matrix

Table 2: Compatibility Matrix lists the Compatibility Matrix of Galaxy Intrusion Integration.

**Table 2: Compatibility Matrix**

<b>C•CURE 9000 version 2.80</b>	
Partner	Honeywell
Partner Product	Galaxy GD-48, GD-96, GD-264, GD-520
Partner Product version	Firmware -6.10, 6.50, 6.70, 6.79, 6.92
Integration driver version	3.80.39.0
C•CURE 9000 License option	CC9000-GXY
Enterprise certified	Supported
Redundancy certified	No
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	<p><b>Note:</b> Please refer to the <a href="#">Section 10: Known Issues and Limitations</a> before upgrade.</p> <ul style="list-style-type: none"><li>• C•CURE 2.60 with v2.60.7.0 to C•CURE 2.80 with 3.80.39.0</li><li>• C•CURE 2.60 with v3.52.107.0 to C•CURE 2.80 with 3.80.39.0</li><li>• C•CURE 2.61 with v2.60.7 to C•CURE 2.80 with 3.80.39.0</li><li>• C•CURE 2.61 with v3.60.53.0 and above to C•CURE 2.80 with 3.80.39.0</li><li>• C•CURE 2.70 with v2.60.7 to C•CURE 2.80 with 3.80.39.0</li><li>• C•CURE 2.70 with v3.60.53.0 and above to C•CURE 2.80 with 3.80.39.0</li></ul>

## 12. 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 2.60.7.0.
    1. The **Host IP Address** field has been added.
    2. The **App Version** and **Command Control Port Number** fields have been removed.Refer to **Table 3: Galaxy Panel Configuration Tab** for renamed terminology.

**Table 3: Galaxy Panel Configuration Tab**

<b>Galaxy Panel Configuration Tab</b>	
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 2.60.7.0.
      - 3. The **Controller** field has been removed.
- Refer to **Table 4: Galaxy Partition Configuration Tab** for renamed terminology.

**Table 4: 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 2.60.7.0.
      - 4. The **Controller** and **Assigned To** fields have been removed
- Refer to **Table 5: Galaxy Zone Configuration Tab** for renamed terminology.

**Table 5: 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 2.60.7.0.
      - 5. The **Controller**, **Type**, **Connection** and **Assigned To** fields have been removed.
      - 6. The **Output Number** field has been added.
- Refer to **Table 6: Galaxy Output Configuration Tab** for renamed terminology.

**Table 6: 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 2.60.7.0.
    - 7. The **Controller** and **Device Type** fields have been removed.

### 13. Known Issues and Limitations

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

- This version of the Galaxy Integration is not tested for redundancy.
- After installing the Galaxy integration with the Connection Strings Encrypted check-box selected, Crossfire services failed to start.  
**Note:** The following are the recommended steps for installing/upgrading the Galaxy Integration:
  1. Disable the check-box Connection Strings Encrypted in the Database tab under Server Configuration Application.
  2. Install the Galaxy Integration.
  3. 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.
- 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.
- After upgrading Galaxy integration v2.60, 2.61 or v2.70 to Galaxy integration v2.80, Crossfire services failed to start.  
This issue is caused due to invalid SQL database references. Database Connection Strings for namespaces are set with SQL server name as '.'. For more information, see the following table:

Namespace	Provider	Connection String	Status
ACVS.Enterprise.Common.Audit	System.Data.SqlClient	DATA SOURCE=.;INITIAL CATALOG=ACVSAudit;INTEGRATED SECURITY=TRUE	INVALID
ACVS.Enterprise.Common.EventManagement	System.Data.SqlClient	DATA SOURCE=.;INITIAL CATALOG=ACVSCore;INTEGRATED SECURITY=TRUE	INVALID

To resolve this issue, complete the following procedure:

1. After you upgrade the Galaxy integration, open the Server Configuration Application.
2. Navigate to the **Database** tab.
3. Update the Connection String for each namespace. See the following table for more information:

Namespace	Provider	Connection String
ACVS.Enterprise.Common.Audit	System.Data.SqlClient	DATA SOURCE=<SQL Server Name>;INITIAL CATALOG=ACVSAudit;INTEGRATED SECURITY=TRUE
ACVS.Enterprise.Common.EventManagement	System.Data.SqlClient	DATA SOURCE=<SQL Server Name>;INITIAL CATALOG=ACVSCore;INTEGRATED SECURITY=TRUE

4. After you update the namespaces with the correct SQL Server name, the namespaces' status updates to **VALID**.
5. Re-start the CrossFire services.

**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.

## 14. Defects Fixed

Table 7: General Fixes lists the defects fixed in this version of the software:

Table 7: General Fixes		
Category	SPAR Number	SPAR Description
Installation	676732	Unified 3.81 - CrossFire services failed to start, when the Galaxy Integration driver is upgraded from the released versions of unified 3.52 and 3.70.

## 15. End of Release Notes

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