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Bosch Receiver Integration for C•CURE 9000 v3.00 Release Notes

A163816HUY
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This document provides important information about the installation of the C•CURE 9000 Bosch Receiver integration v3.00 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 Bosch Receiver Integration

- Integration Software Version: 6.0.6.6

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

- victor Unified Systems v4.00 (C•CURE v3.00 and victor v6.0)

Overview

The Bosch Receiver integration provides seamless integration of C•CURE 9000 with Bosch Receivers. Building upon the lineage of Bosch monitoring station receivers, the single-line IP receiver is designed for proprietary applications such as college or university campuses, gated communities or condominiums, dealers monitoring account system status, private corporate security, and government facilities. The receiver calendar stamps all alarm data received before transmitting it to an alarm receiving automation system through TCP/IP. Alarm data can also be transmitted directly to a printer using the parallel printer port and be viewed on the LCD screen on the front of the receiver. The scope of this Integration includes only TCP/IP communications.

Features

The Bosch Receiver Integration offers the following features:

- Supports multiple Bosch Receivers.
- Supports all intrusion activities to be logged in the security journal, allowing both intrusion and security events to be reviewed together in future investigative reporting.
- Supports Security Industry Association (SIA) and Contact ID (CID) communication protocol.
- Supports 4x2 protocol (4x2 protocol is made up of a 4-digit panel account number followed by a 2-digit alarm code).
- Supports Modem IIIa2 & Modem IV protocol.
- Supports alarms from Receiver.
- Supports create, edit, or delete Receiver Object.
- Supports create, edit, or delete Alarm Point Objects for Zones and Partitions.
- Supports Receiver and Alarm Point Objects and Annunciation on Maps.
- Supports importing Alarm Points.
- Supports Triggers for Receiver and Alarm Points.
- Supports Activate and Deactivate Manual Actions on Alarm Points.
- Supports the use of Alarm Point Editor to select multiple alarms for a single alarm point. Select alarm categories from the New Category drop-down.

Johnson Controls

- Supports Encryption option (enables encrypted communication between the driver and the Bosch receiver: supports 128bit, 192 bit and 256 bit encryption).
- Supports TLS 1.2 for security.

Qualified Hardware and Firmware

The following hardware and firmware versions are supported:

- Bosch Receiver 6100 with firmware version 61.04.00
- Bosch Receiver 6600 with firmware version 01.10.00

Note:

- **CID Protocol:** Intrusion panel configured with CID protocol takes approx. 3 seconds to send single alarm to Bosch Receiver.
- **SIA Protocol:** Intrusion panel configured with SIA protocol takes approx. 16-26 seconds to send 6 alarms to Bosch Receiver.
- **4x2 Protocol:** Intrusion panel configured with 4x2 protocol takes approx. 16 seconds to send single alarm to Bosch Receiver.

Software Requirements

The Bosch Receiver Integration requires the following software:

- C•CURE 9000 Security and Event Management System v3.00

Contents of the Installation Package

The following table lists the contents of the Bosch Receiver Integration installation package:

Table 1: Installation Package

File	Description
Bosch_Integration.exe	Installation program for the Bosch Receiver Integration software
UM-CC9K-Bosch-v3-00-A163816HVP-A-en.pdf	Bosch Receiver Integration for C•CURE 9000 – User Guide
RN-CC9K-Bosch-v3-00-A163816HUY-B-en.pdf	Bosch Receiver Integration for C•CURE 9000 – Release Notes

Supported Installation Types

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

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

Installation

Refer to the *Bosch Receiver Integration for C•CURE 9000 v3.00 – User Guide*.

Upgrade the Bosch Receiver Integration

Caution:
If you have made any changes in the configuration file - `Bosch Receiver Driver Service.exe`, ensure that you back up the file before upgrading. The configuration file is located at `Tyco\CrossFire\ServerComponents`.

Follow the steps to upgrade the Bosch Receiver Integration from v2.80 to v3.00:

1. Upgrade C•CURE 9000 to v3.00.
2. Install the Bosch Receiver Integration.

Follow the steps to upgrade the Bosch Receiver Integration from v2.90 to v3.00:

1. Upgrade C•CURE 9000 to v3.00.
2. Install the Bosch Receiver Integration.

To upgrade the Bosch Receiver driver from a version earlier than v2.80 to v3.00, follow an incremental upgrade path to get to version 2.80.
You must upgrade the C•CURE installation before you upgrade the Bosch Receiver Integration. For example:

- If the current driver is a C•CURE v2.60 compatible driver, upgrade incrementally to a C•CURE v2.80 compatible driver, and then upgrade to a C•CURE v3.00 compatible driver to maintain data integrity.
- If the current driver is a C•CURE v2.70 compatible driver, upgrade incrementally to C•CURE v2.80 or v2.90 compatible driver, and then upgrade to a C•CURE v3.00 compatible driver to maintain data integrity

To upgrade the Bosch Receiver integration to v3.00, complete the following procedure:

1. Use the Unified installer to upgrade to C•CURE 9000 v3.00.
   Note: Click **Later** on the prompt that appears after you upgrade C•CURE. Do not click **Reboot**.
2. Upgrade the Bosch Receiver integration.
3. Reboot the machine.

Note:

- When you upgrade C•CURE, if you reboot the machine before you upgrade the Bosch Receiver integration and if previous Bosch Receiver integration remains active. Before you upgrade the Bosch Receiver driver, you must complete the following steps:
  1. Open Task Manager.
  2. Right-click **Bosch Receiver Driver Service.exe** and select **End Task**.
- When you upgrade the Bosch driver or modify the Bosch Receiver Encryption length, restart the Bosch driver.

Scalability

This driver is qualified with 2 receivers per server.

Language Support

This driver supports the following languages:

- English (US)
- French
- German
- Portuguese
- Spanish

Compatibility Matrix

The following table lists the Compatibility Matrix of the Bosch Receiver Integration:

Table 2: Compatibility Matrix

C•CURE 9000 version 3.00	
Partner	Bosch
Partner Product	Bosch 6600, Bosch 6100
Partner Product version	61.04.00/01.10.00 Supported Alarm Formats – SIA, CID, 4x2, Modem IIIa2 & Modem IV protocol
Integration driver version	6.0.6.6
C•CURE 9000 License option	CC9000-BOSCHREC
Enterprise certified	Yes
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

Known Issues and Limitations

This section describes the C•CURE 9000 Bosch Receiver known limitations.

- To upgrade the Bosch Receiver Integration to the current version, you must use the User Account that was used to install the previous version.
- Serial port connection is not supported.
- In communication status of the receiver, disabled status is reported as **Offline** status.
- This integration does not support **Online** status of intrusion panels.
- If you install the Bosch Receiver Integration 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.
- The Bosch Receiver Integration with C•CURE 2.40 onwards does not support EMC AutoStart or RepliStor products due to their End-Of-Life status.
- Migration of a standalone machine with a Bosch Receiver 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.
- If **Connection Strings Encrypted** checkbox is selected at C•CURE v2.8/v2.9, then after upgrading to v3.0 and, when v3.0 compatible Bosch Integration is installed, **Connection Strings Encrypted** check box is de-selected.
    - **Workaround**: Enable the check-box **Connection Strings Encrypted** again.
- When upgrade is performed from C•CURE v2.8/v2.9 with multiple Integrations and post C•CURE v3.0 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.

- During the upgrade of the Bosch driver, some residual dlls remain in server component folder. However, this does not affect functionality.
- Bosch templates cannot be deleted from UI, instead it needs to be deleted from Database.
- When Encryption type is changed, intermittently the receiver communication status is not reflecting correctly in dynamic view or status tab still the alarms are reported in C•CURE.
    - **Workaround:** Restart the driver.
- When the protocol SIA/CID (Network Automation Output Format = 2) is configured in receivers 6100 and 6600, it sends the Date Set/Time Set for both the receivers. However, when the protocol 4X2 is configured in either or both the receivers 6100 and 6600, then the Sync time is not being sent.
    - **Workaround:** Update the protocol value in receivers 6100 and 6600 to SIA/CID (Network Automation Output Format =2) and let the date/time sync, then update the format in receiver to 4X2 (format value =1).
- When Alarm Points are not configured, Resource Strings are displayed for some of the Alarm Points in activity viewer in victor.
    - **Workaround**: Configure the Alarm Points.
- In multiple driver scenario, the status of Bosch receiver may show as Offline.
    - **Workaround**: Repair the driver to get back the status of Bosch receiver as Online.

Defects Fixed

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

Table 3: General Fixes

Category	SPAR Number	SPAR Description
Driver	851898	After installing Bosch receiver integration v6.0.4.4 on C•CURE v3.00.01 system, CrossFire is not running.

End of Release Notes