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Bosch Receiver Integration for C•CURE 9000 v2.90 Release Notes

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This document provides important information about the installation of the C•CURE 9000 Bosch Receiver 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 Bosch Receiver Integration

- Integration Software Version: 5.6.22.0

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 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:

- Support for multiple Bosch Receivers.
- All intrusion activities are logged in the security journal, allowing both intrusion and security events to be reviewed together in future investigative reporting.
- Security Industry Association (SIA) and Contact ID (CID) communication protocol support.
- Supports Modem IIIa2 & Modem IV protocol.
- Supports alarms from Receiver.
- Create, edit, or delete Receiver object.
- Create, edit, or delete alarm point objects for zones and partitions.
- Receiver and alarm point objects and annunciation on Maps.
- Supports importing Alarm Points.
- Triggers for Receiver and Alarm Points.
- Activate and deactivate manual actions on alarm points.
- Use the Alarm Point Editor to select multiple alarms for a single alarm point. Select alarm categories from the New Category drop-down.
- Supports localization for Portuguese and Spanish.

Johnson Controls

- Supports Encryption option (enables encrypted communication between the driver and the Bosch receiver: supports 128bit, 192 bit and 256 bit encryption).
- Supports 4x2 Protocol (4x2 protocol is made up of a 4 digit panel account number followed by a two digit alarm code).
- 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 v2.90

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
UMv2.90CC9K-Bosch8200-1191-1175-B-en.pdf	Bosch Receiver Integration for C•CURE 9000 – User Guide
RNv2.90CC9K-Bosch8200-1191-1176-C-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 v2.90 – 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 v2.70 to v2.90:

1. Upgrade C•CURE 9000 to v2.90.
2. Install the Bosch Receiver Integration.

Follow the steps to upgrade the Bosch Receiver Integration from v2.80 to v2.90:

1. Upgrade C•CURE 9000 to v2.90.
2. Install the Bosch Receiver Integration.

To upgrade the Bosch Receiver 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 Bosch Receiver 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

To upgrade the Bosch Receiver 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 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 2.90	
Partner	Bosch
Partner Product	Bosch 6600, Bosch 6100
Partner Product version	61.04.00/01.10.00 Supported Alarm Formats – SIA, CIA, Modem IIIa2 & Modem IV protocol.
Integration driver version	5.6.22.0
C•CURE 9000 License option	CC9000-BOSCHREC
Enterprise certified	Yes
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

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.
- When uninstalling with the option **Database Drop**, data is deleted from Bosch Integration related tables, but some of the tables are not deleted. However, this does not impact functionality.
- When you perform the Installation/Upgrade/Uninstallation/Repair on the Bosch Integration, the **Connection Strings Encrypted** checkbox (in the Server Configuration Application under the **Database** tab) is de-selected automatically.
    - **Workaround**: The following are the recommended steps for Installation/Upgrade/Uninstallation/Repair of the Bosch Integration:

1. Disable the **Connection Strings Encrypted** checkbox in the Server Configuration Application under the **Database** tab.
2. Perform Installation/Upgrade/Uninstallation/Repair on the Bosch Integration.
3. Enable the **Connection Strings Encrypted** checkbox again.

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	793047	Bosch driver is not processing alarms sent by receiver in driver v5.6.17.0.
Driver	795684	Alarms are not getting activated even when Alarm Points are created from Alarm Point templates.

End of Release Notes