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# Bosch Receiver Integration for C•CURE 9000 v2.80 Release Notes

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

- Integration Software Version: 5.4.159.0

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)

## 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.

## What's New

This version of driver supports the following enhancements:

- 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.

## Features

The Bosch Receiver Integration offers the following features:

- Supports multiple Bosch Receivers.
- Supports the logging of all intrusion activities in the security journal.
- Supports Security Industry Association (SIA) and Contact ID (CID) Communication Protocol.
- Supports Modem IIIa2 & Modem IV protocol.
- Supports Alarms from Receiver.
- Supports Alarm Category Configuration.



Johnson Controls

- Supports options Create, Edit, or Delete Receiver object.
- Supports options Create, Edit, or Delete Alarm Point Objects for Zones and Partitions.
- Supports Receiver and alarm point objects and annunciation on Maps.
- Supports CSV and XML import of Alarm Points are supported.
- 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.
- 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 v2.80

## Contents of the Installation Package

Table 1: Installation Package 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 |
| UMv2.80CC9K-Bosch8200-1191-1105-C-en.pdf | C•CURE 9000 Bosch Receiver Integration Guide |
| RNv2.80CC9K-Bosch8200-1191-1104-D-en.pdf | Release Notes for C•CURE 9000 Bosch Receiver Integration |

## 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

See the *C•CURE 9000 Version 2.80 Bosch Receiver Integration 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 v2.60 to v2.80:

1. Upgrade C•CURE 9000 to v2.80.
2. Install the Bosch Receiver Integration.

Follow the steps to upgrade the Bosch Receiver Integration from v2.70 to v2.80:

1. Upgrade C•CURE 9000 v2.70 to v2.80.
2. Install the Bosch Receiver Integration.

## 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

Table 2: Compatibility Matrix lists the Compatibility Matrix of the Bosch Receiver Integration:

**Table 2: Compatibility Matrix**

| **C•CURE 9000 versions 2.80** | |
|---|---|
| Partner | Bosch |
| Partner Product | Bosch 6600, Bosch 6100 |

| | |
|---|---|
| Partner Product version | 61.04.00/01.10.00<br>Supported Alarm Formats – SIA, CID, Modem IIIa2 & Modem IV protocol. |
| Integration driver version | 5.4.159.0 |
| 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.
- 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).
- While un-installing the Bosch driver, some of the intrusion dlls and database tables are not getting removed. This does not affect functionality.
    - **Workaround:** Delete the tables and dlls manually.
- If **Connection Strings Encrypted** checkbox is selected (in the **Server Configuration Application** under the **Database** tab), then after upgrading to v2.80 and, when v2.80 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 with multiple Integrations and post C•CURE v2.80 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.

- 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.

**Note**: This driver does not support Authentication when connecting to Bosch Receiver. Bosch driver IP should be configured in Bosch Receiver under *6. Network Configuration → 6.3 Network Automation Connection*.

## 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 | 780074 | Alarms are not getting activated when Alarm Points are created from Alarm Point templates. |
| Driver | 807298 | Crossfire does not start if multiple drivers are installed including Bosch and ITV2 |

## End of Release Notes