

Bosch Receiver integration for victor v6.0

Release Notes

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This document provides important information about the unified victor integration software for Bosch Receiver. Read this document before you install the product.

Product: Unified Bosch Receiver Integration

- Integration Software Version: 6.0.6.6

This driver release is qualified with victor when installed on:

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

Overview

Bosch Receiver integration provides seamless integration of the Unified victor Application Server with Bosch Receivers. You can view all critical security and intrusion events in one station and on one screen. The following Bosch Receivers are supported:

- Bosch 6100 Receiver
- Bosch 6600 Receiver

Features

The Bosch Receiver Integration offers the following features:

- Support for 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 under device list and sites list.
- Supports Receiver and Alarm Point objects and Annunciation on Maps.
- Supports importing alarm points.
- Supports Alerts for Receiver and Alarm Points.
- Supports Object Association for Receiver and Alarm Points.
- Supports Activate and Deactivate Manual Actions on Alarm Points.
- Supports Receiver Object supported in Find in Journal and Find on Map.
- Supports installation available on victor remote Clients.
- 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 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:

- victor Application Server: 4.00
- victor unified client: v6.0

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_Receiver.exe	Bosch Receiver Installation Setup file
UM-victor-Bosch-v6-0-A163816J14-A-en.pdf	Bosch Receiver Integration User Manual
RN-victor-Bosch-v6-0-A163816J0M-B-en.pdf	Bosch Receiver Integration Release Notes

Supported Installation Types

Following installation types are supported for Bosch Receiver Integration:

- Unified Standalone
- victor Standalone
- Unified Enterprise
- victor Enterprise

Pre-Installation

Prerequisites to install Bosch Receiver Integration on the victor Application Server:

1. You must have appropriate Windows permissions.
2. You must be a member of the local Administrators group or have equivalent privileges.
3. You must install victor Application Server with the following options:
 - victor Application Server
 - Bosch Receiver

Prerequisites to install Bosch Receiver Integration on the clients:

1. You must have appropriate Windows permissions.
2. You must be a member of the local Administrators group or have equivalent privileges.
3. You must install the victor client.

Installation

Note:

- You must install the Bosch Receiver Integration in the same folder as unified victor or C-CURE 9000.
- Before installing the Bosch Receiver Integration, follow the below steps:
 1. Close the victor Unified Client.
 2. Open the Server Configuration Application and stop the following server services:
 - CrossFire Framework Service
 - CrossFire Server Component Framework Service
 3. Close the Server Configuration Application.

Follow the steps to install the Bosch Receiver Integration on the server and remote clients:

1. Open the `Bosch_Receiver.exe` file.
2. The Install Wizard begins. The Bosch Intrusion Integration **Welcome** screen appears.
3. Click **Next** and follow the Install Wizard prompts.
4. On the License Agreement, select **I accept the terms in the license agreement** and then click **Next**.
5. Click **Finish** to complete the installation.

Note: You cannot install the Bosch Receiver Integration server components on a victor Application Server MAS.

Post-Installation

Perform the following steps after installation:

1. Launch the Server Configuration Application:
 - a. On the taskbar, click the **Start** button and then click **All Programs**.
 - b. Click **Tyco**, right-click **Server Configuration** and then click **Run as Administrator**. The Server Configuration Application page opens.
2. Start the Bosch Service:
 - a. On the **Server Configuration Application** page, click the **Services** tab.
 - b. Ensure that both Crossfire Framework Service and Crossfire Server Component Framework Service are **running**.
 - c. In the **Extension Services** area, locate the **Bosch Receiver Driver Service**. Select the **Enabled** check box and then click the **Start** button. The status of the Bosch Receiver Driver Service changes to **Running**.
3. Launch the victor client:
 - a. On the taskbar, click the **Start** button and then click **All Programs**.
 - b. Click **victor**.

Upgrading 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:

- Upgrade victor v5.4.1 to v6.0, and then install the Bosch Integration.
- Upgrade victor v5.6/v5.7 to v6.0, and then install the Bosch Integration.

To upgrade the Bosch driver from a version earlier than v5.4.1 to v6.0, follow an incremental upgrade path to get to version v5.4.1. You must upgrade the victor installation before you upgrade the Bosch Intrusion Integration. For example:

- If the current driver is victor v5.2 compatible driver, upgrade incrementally to victor v5.4.1 compatible driver, and then upgrade to a victor v6.0 compatible driver to maintain data integrity.
- If the current driver is victor v5.3 compatible driver, upgrade incrementally to victor v5.4.1 or v5.6/v5.7 compatible driver, and then upgrade to a victor v6.0 compatible driver to maintain data integrity.

Note:

- If you upgrade the Bosch driver, or if you 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 language:

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

Compatibility Matrix

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

Table 2: Compatibility Matrix

victor version 6.0	
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
victor License Option	ADVC-BOSCHREC
Enterprise Certified	Yes
Redundancy Certified	No
Supported Server OS	All OS supported by victor server
Supported Client OS	All OS supported by victor Client

Supported SQL	All SQL supported by victor server
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Known Issues and Limitations

This section describes the Bosch Receiver known limitations.

- To upgrade this driver to the current version, you must use the same User Account that you used to install the earlier version of the Bosch Receiver integration.
- Serial port connection is not supported.
- The Receiver does not support the **Disabled** communication status. If the Receiver is disabled, the **Offline** status is displayed instead.
- This integration does not support **Online** status for intrusion panels.
- Operators with the Edit Restriction Role cannot view the Bosch Receiver and alarm point.
- If you install the Bosch Receiver Integration driver 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.
- 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 victor v5.4.1/v5.6/v5.7 then after upgrading to v6.0 and, when v6.0 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 victor v5.4.1/v5.6/v5.7 with multiple Integrations and, post victor 6.0 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.
- 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.
- 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.
- 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 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 victor.
 - **Workaround:** Restart the driver.

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

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