

Release Notes for victor v5.2 Integration Software for Building management System v3.70.489.247

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This release note provides important information about the Unified victor Integration Software for Building Management System (BMS). Read this document before you install the product.

Product: Unified Integration Software for BMS

- Integration software version: 3.70.489.247

This driver release is qualified with victor when installed on:

-victor Unified Systems v3.70 (C•CURE v2.70 and victor v5.2).

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1. Overview

The Unified victor Application Server provides a generic integration with Building Management Devices based on the BACnet protocol. This enables you to configure and control the **BACnet Devices**. The BMS Integration provides a range of widgets to animate the **BACnet Device** status. This BMS Integration offers a gateway mechanism for wrapping objects in victor to **BACnet Objects**. The third party system monitors change in victor **Objects** through the BACnet protocol.

2. What's New

The victor BMS integration now has the following new features:

- Supports BBMD: BACnet IP Communication across different networks.
- Supports BACnet Schedule: Read and modify BACnet schedules defined in BMS.
- Supports MAP Widget: Added an option to hide object name for text widget.
- Protocol: Upgrade from ANDI/ASHRAE 135-2008 to ANDI/ASHRAE 135-2010.

3. Features

The Unified victor Application Server Integration software for BMS offers the following features:

- Support for up to 2000 **BACnet Objects**.
- **BACnet Device Automatic Discovery** and **BACnet Objects** manual import.
- Building activities are logged in the **Journal** for future investigative reporting.
- Installation on victor remote clients.
- Multi-condition **Triggers** by setting **Additional Status** on **BACnet Object Editor**.
- **BACnet Device**, **BACnet Object**, and **BACnet Action** featured on the ribbon menu.
- **BACnet Device Objects** under Device List and Site List.
- **BACnet Device** and **BACnet Object** reports.
- **Find in Journal** and **Find on Map** for BACnet Devices and BACnet Objects.
- **BACnet Objects** animated by widgets on **Maps**.
- Add **BACnet Devices** and **BACnet Objects** on Maps. View **BACnet Devices** and **BACnet Objects** on Maps.
- **Alert** configuration and Object Association for **BACnet Devices** and **BACnet Objects**.
- **User Role** both default and user defined for **BACnet Device**, **BACnet Object** and **BACnet Action**, **BACnet Gateway template**, **BACnet Gateway Device**, and **BACnet Gateway Object**.
- **BACnet Device** and **BACnet Object** status.
- Supports BACnet/IP (Annex J) protocol:
 - i. Supports subscription to the change of value (COV) event notification for many properties.
 - ii. Supports the following Objects, with most properties of the standard Object types supported: Analog Input, Analog Output, Analog Value, Binary Input, Binary Output, and Binary Value, Multi-state Input, Multi-state Output, Multi-state Value, Schedule and Device.
 - iii. Supported Services: Who-Is, I-Am, Read Property, Read Property Multiple, Write Property, Write Property Multiple, Subscribe COV, Subscribe COV Property, Confirmed COV Notification, and Unconfirmed COV Notification.
- Localization of GUI and journaling.
- Acknowledge **Event Notification in Alarm**.
- **BACnet Gateway** function - map victor objects to **BACnet Objects**.
- **Default Gateway Templates: iStar people counting** and **EventGateway Templates**.
- Customizable **Gateway Templates**.
- View **Monitor Objects** summary.
- Supports BBMD: BACnet IP Communication across different networks.

4. Hardware Requirements

The BMS Integration has the same hardware, software, and disk space requirements as the Unified victor Application Server. If the target computer meets victor Application Server requirements, then it meets BMS Integration requirements.

5. Software Requirements

The Unified Server/victor Integration software for BMS requires the following software:

- Unified Server: Unified 3.70
- victor Standalone: v5.2

Note:

Close all applications to avoid problems during installation.

To setup **BACnet Objects** on client workstations, you must install the BMS Integration client components.

6. Qualified Operating Systems

This driver supports all operating systems that is supported by victor. Refer to the victor product data sheets for more information.

7. Qualified Hardware/Software

The driver supports the following:

- Unified Server: Unified 3.70.
- victor Standalone: v5.2.
- Beckoff: CX8091.
- Contemporary Control Systems Inc: BASR-8M.
- Protocol: ANDI/ASHRAE 135-2010.

8. Contents of Installation Package

The table below lists the Unified victor/C•CURE 9000 software files for the BMS Integration:

Table 1: Contents of Installation Package

File	Description
BMSInstaller.msi	BMS Integration installation file
Setup.exe	BMS Integration software setup file

9. Pre-Installation

To install the driver on the Unified server:

- You must have appropriate Windows permissions.
- You must be a member of the local administrators group or have equivalent privileges.
- You must install the victor Application Server with the following options:
 - Unified Server
 - BMS

Or, you must install and license victor Site Manager with the following options:

- victor Application Server
- BMS (included with the victor license)

To install the driver on the clients:

- You must have appropriate Windows permissions.
- You must be a member of the local administrators group or have equivalent privileges.
- You must install the Administration Workstation and Monitoring Station.
- You must install victor client.

10. Installation

Follow the steps to install the Unified victor/C•CURE 9000 Integration software for the BMS on the server and remote clients:

Note: You must install the BMS Integration in the same folder as unified victor/C•CURE 9000.

1. Double-click the **BMSInstaller.msi** file.

2. Click **Next** and follow the Install Wizard prompts.
3. On the **License Agreement**, select **I accept the terms in the license agreement** and then click **Next**.
4. Click **Finish** to complete the installation.

11. Post-Installation

Follow the 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 the **Server Configuration** and then click **Run as Administrator**. The **Server Configuration Application** page displays.
2. Start the **BMS Driver 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 display as Running
 - c. In the **Extension Services** area, locate the **BMS Driver Service**. Select the **Enabled** check box and then click the **Start** button. The status of the **BMS 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**.

12. Scalability Information

This driver supports 2000 objects.

13. Compatibility Matrix

The table below lists the software compatibility matrix information:

Table 2: Compatibility Matrix

victor version 5.2	
Partner	BMS
Partner Product	Beckoff, Contemporary Control System Inc
Partner Product version	Beckoff: CX8091, Contemporary Control Systems Inc: BASR-8M
Integration driver version	3.70.489.247
victor License option	Building management system
victor Enterprise certified	Yes
victor Redundancy certified	No
Supported Server OS	Victor Server supports all OS Server
Supported Client OS	Victor Client supports all OS Server
Supported SQL SERVER	Victor Client supports all SQL Server

14. Known Issues and Limitations

This section lists all the known issues and limitations in this release:

- This version does not support Oracle.
- The context menu for **BACnet Device** and object on navigation tree is different from that on

the dynamic view.

- Do not save and close auto discovery of **BACnet Devices** and **Objects** before it has completed.
- Do not run auto discovery of **BACnet Devices** simultaneously on multiple clients.
- When only partial objects are imported, it is recommended to use the **Import Device Objects** option from the context menu to manually import device objects instead of auto discovery.
- When there are large numbers of **BACnet Devices** and objects, devices can change from online to offline and then back to online. To avoid this issue, increase the poll period interval
- **BACnet Devices** and victor application server must be in the same network subnet because **BACnet Devices** can broadcast only in a local area network.

15. Defects Fixed

No defect fixes in this release.

16. End of Release Notes

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