

## Release Notes for victor v5.0/5.1 Integration Software for Building Management System v3.60.484.243

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victor v5.0/v5.1 Integration with Building Management System Version 3.60.484.243 Release Notes  
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This release notes 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: 3.60.484.243

This driver release is qualified with victor when installed on:

- victor Unified Systems v3.60 (C•CURE v2.61 and victor v5.0), or
- victor Unified Systems v3.65 (C•CURE v2.61 and victor v5.1)

### Contents

1. [Overview](#)
2. [What's New](#)
3. [Features](#)
4. [Hardware Requirements](#)
5. [Software Requirements](#)
6. [Pre-Installation](#)
7. [Installation](#)
8. [Post-Installation](#)
9. [Scalability Information](#)
10. [Compatibility Matrix](#)
11. [Known Issues and Limitations](#)
12. [Defects Fixed](#)
13. [End of Release Notes](#)

## 1. Overview

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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 Integration offers a gateway mechanism for wrapping objects in victor to **BACnet Objects**. The third party system can monitor change in victor **Objects** through the BACnet protocol.

## 2. What's New

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No new features

## 3. Features

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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, 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 **Event Gateway Templates**.
- Customizable **Gateway Templates**.
- View **Monitor Objects** summary.

#### 4. Hardware Requirements

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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

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

- Unified Server: Unified 3.60/3.65
- victor Standalone: v5.0/5.1

**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

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

## 8. Qualified Hardware/Software

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The driver supports the following:

- Unified Server: Unified 3.60/3.65
- victor Standalone: v5.0/5.1
- Beckoff: CX8091
- Contemporary Control Systems Inc: BASR-8M
- Protocol: ANDI/ASHRAE 135-2008

## 9. Contents of Installation Package

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The Unified victor/C•CURE 9000 software for the BMS Integration contains the following files:

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

## 10. Pre-Installation

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### To install the driver on the Unified 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 the victor Application Server with the following options:
  - Unified Server
  - BMSOr, 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:

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 Administration Workstation and Monitoring Station.
4. You must install victor client.

## 11. Installation

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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.



## 12. Post-Installation

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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 opens.
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 are **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**.

## 13. Scalability Information

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This driver supports 2000 objects.

## 14. Compatibility Matrix

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This section lists the software compatibility matrix information:

<b>victor versions 5.0/5.1</b>	
Partner	BMS
Partner Product	Beckoff, Contemporary Control System Inc
Partner Product version	Beckoff: CX8091, Contemporary Control Systems Inc: BASR-8M
Integration driver version	3.60.484.243
victor License option	Building management system
victor Enterprise certified	Yes
victor Redundancy certified	No
Supported Server OS	All OS supported by Victor Server
Supported Client OS	All OS supported by Victor Client
Supported SQL SERVER	All SQL Server supported by Victor Client

## 15. Known Issues and Limitations

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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 areanetwork.

## 16. Defects Fixed

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- **Defect ID: 506256**  
Summary: Long values are cut off within the widget display.
- **Defect ID: 511191**  
Summary: Secondary BACnet devices are not discovered properly by Autodiscover feature.

## 17. End of Release Notes

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