

## Unified victor Integration Software for Building Management System

---

Release Notes  
Version B0  
August 2016

This document provides important information about the Unified victor Integration Software for Building Management System (BMS). Please read this file before installing the product.

Product: Unified Integration Software for BMS

- Release: 4.8.1
- Integration Software: v2.10.386.197

### 1. Overview

---

The Unified victor Application Server provides generic integration with Building Management Devices based on BACnet protocol, which allows customers to configure and control **BACnet Devices**. The BMS Integration provides a range of widgets to animate **BACnet Device** status. This Integration offers a gateway mechanism for wrapping objects in victor to **BACnet Objects**. Then, if necessary, the third party system can monitor change in victor **Objects** through BACnet protocol.

### 2. 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** manually 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** Object under **Device List**.
- **BACnet Device** Object under **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**.
- **BACnet Devices** and **BACnet Objects** on **Maps**.
- **BACnet Device** and **BACnet Object** annunciation on **Maps**.
- **Alert** configuration for **BACnet Devices** and **BACnet Objects**.
- Object Association for **BACnet Device** and **BACnet Object**.
- **User Role** (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**, **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, **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.

### 3. Hardware Requirements

---

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

### 4. Software Requirements

---

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

- Unified Server: Unified 3.40
- victor Standalone: v4.6, v4.7, v4.7.1, v4.8, v4.8SP1, and v4.8.1

**NOTE:** Close any running applications to avoid installation problems. Client workstations requiring the ability to setup **BACnet Objects** need to install the BMS Integration client components.

### 5. Qualified Operating Systems

---

All Operating Systems supported by victor are supported by this drive. Refer to the victor product data sheets for more information.

### 6. Qualified Hardware/Software

---

- Unified Server: Unified 3.32
- victor Standalone: v4.6, v4.7, v4.7.1, v4.8, v4.8SP1, and v4.8.1
- Beckoff: CX8091
- Contemporary Control Systems Inc: BASR-8M

### 7. Contents

---

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
8200-1147-55 A0_victor_BMS_integration.pdf	victor/BMS Integration Guide

### 8. Pre-Installation

---

#### To perform the installation on the Unified server:

1. You must have the appropriate Windows permissions.
2. You must have membership in the local Administrators group, or equivalent privileges.
3. You must have installed victor Application Server with the following options:

- Unified Server
- BMS

Or you must have installed victor site manager and licensed with the following options:

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

#### To perform the installation on the clients:

1. You must have the appropriate Windows permissions.
2. You must have membership in the local Administrators group, or equivalent privileges.
3. You must have installed the Administration Workstation.
4. You must have installed the Monitoring Station.
5. You must have installed victor Client.

## 9. Installation

---

Perform the following steps to install the Unified victor/C•CURE 9000 Integration software for the BMS Integration:

**NOTE:** You must install the BMS Integration in the same folder as unified victor/C•CURE 9000. Administrator privileges are necessary for installation.

### Server:

1. Double-click the **BMSInstaller.msi** file.  
**NOTE:** If the correct version of victor/ C•CURE 9000 is not installed on your system, a message is displayed stating that a supported version of victor/C•CURE 9000 is needed.
2. Click **Next** and follow the Install Wizard prompts.  
**NOTE:** On the **License Agreement**, select **I accept the terms in the license agreement** before clicking **Next**.
3. Click **Finish** to complete the installation.

### Remote Clients:

1. Double-click the **BMSInstaller.msi** file.  
**NOTE:** If the correct version of victor/ C•CURE 9000 is not installed on your system, a message is displayed stating that a supported version of victor/C•CURE 9000 is needed.
2. Click **Next** and follow the Install Wizard prompts.  
**NOTE:** On the **License Agreement**, select **I accept the terms in the license agreement** before clicking **Next**.
3. Click **Finish** to complete the installation.

## 10. Post-Installation

---

After installation, ensure you perform the following procedures:

To launch the Server Configuration Application:

1. Right-click the **Server Configuration Application** and select **Run as Administrator**.
2. Click **Start**.
3. Click **All Programs**.
4. Click **Tyco**.

To restart the CrossFire services:

1. On the **Services** tab:
2. Click **Stop Service** for the Crossfire Framework Services and wait for all Services to show **Status: Stopped**.
3. Click **Start Service** for the Crossfire Framework Services and wait for it to show **Status: Running**.
4. Click **Start Service** for the Crossfire Server Component Framework Services and wait for it and others to show **Status: Running**.
5. On the Galaxy Driver Service, click **Start Service** and wait for it to show Status: **Running**.
6. Click **Start**.
7. Click **All Programs**.
8. Click **victor**.

## 11. Issues and Limitations

---

- These versions have been qualified for the Unified Server:
  - victor Application Server: victor 4.6, victor 4.7, victor 4.7.1, victor 4.8, 4.8SP1, and 4.8.1
  - victor Unified Client: Unified 3.40
- This version does not support Oracle.
- The **Context Menu** for **BACnet Device/BACnet Object** on the **Navigation Tree** is different from that of the **Dynamic View**.

- The BMS Integration cannot work simultaneously with MZX Integration.
- Do not **Save and Close** the discovery of **BACnet Devices** and **BACnet Objects** before the **Auto Discovery** is completed.
- **Auto Discovery** of **BACnet Devices** cannot be run simultaneously by multiple clients.
- It is recommended that when only partial Objects have been imported try to import device Objects manually by **Import Device Objects** context menu instead of auto discovery again.
- When there is a large number of **BACnet Devices** and **Objects**, and the **BACnet Devices** keep changing from online to offline then back to online, increase the **Poll Period Interval** to avoid this issue.

## 12. Defects Fixed

---

**295513:** The issue related to Victor BMS integration not switching from Polling to Subscribe COV has been resolved.

### End of Release Notes

---

The trademarks, logos, and service marks displayed on this document are registered in the United States [or other countries]. Any misuse of the trademarks is strictly prohibited and Tyco Security Products will aggressively enforce its intellectual property rights to the fullest extent of the law, including pursuit of criminal prosecution wherever necessary. All trademarks not owned by Tyco Security Products are the property of their respective owners, and are used with permission or allowed under applicable laws.

Product offerings and specifications are subject to change without notice. Actual products may vary from photos. Not all products include all features. Availability varies by region; contact your sales representative.

© 2016 Tyco Security Products.  
All rights reserved.