

Unified victor Integration Software for Building Management System v2.10.350.180

Release Notes
Version A0
November 2015

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
- Integration Software: V2.10.350.180

Contents

1. Overview	2
2. Features	2
3. Hardware Requirements	2
4. Software Requirements	2
5. Qualified Operating Systems	3
6. Qualified Hardware/Software	3
7. Contents	3
8. Pre-Installation	3
9. Installation	3
10. Post-Installation	4
11. Issues and Limitations	4
End of Release Notes	5

1. Overview

The Unified victor Application Server provides generic integration with Building Management Devices based on BACnet protocol, allowing customers to configure and control BACnet devices. BMS integration also provides many kinds of widgets to animate real BACnet device status. This integration also provides a gateway mechanism for wrapping objects in victor to BACnet objects, so the third party system can monitor victor object change through BACnet protocol if it is necessary.

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
- All 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 as Ribbon button
- 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 animation by widget on map
- BACnet Devices and BACnet objects on MAP
- BACnet Device and BACnet object annunciation on MAP
- 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, 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, ReadProperty, ReadPropertyMultiple, WriteProperty, WritePropertyMultiple, SubscribeCOV, SubscribeCOVProperty, ConfirmedCOVNotification, UnconfirmedCOVNotification.
- 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
- Customized gateway template
- View monitor objects summary

3. Hardware Requirements

The memory requirement for BMS Integration deployment is approximately 50 MB. BMS Integration has the same hardware, software, and disk space requirements as Unified victor Application Server. If the target computer can install 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 2.1, Unified 3.0, Unified 3.02, Unified 3.30
- victor Standalone: victor 4.6, victor 4.7, victor 4.7.1, victor 4.8

Close any running applications to avoid installation problems.

NOTE: Client workstation(s) requiring ability to setup the BACnet objects will 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 victor product data sheets.

6. Qualified Hardware/Software

- Unified Server: Unified 2.1, Unified 3.0, Unified 3.02, Unified 3.30
- victor Standalone: victor 4.6, victor 4.7, victor 4.7.1, victor 4.8
- Beckoff: CX8091
- Contemporary Control Systems Inc: BASR-8M

7. Contents

The unified victor/C-CURE 9000 Integration Software for BMS contains the following files:

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

8. Pre-Installation

To perform the installation on the unified server:

1. You must have appropriate Windows permissions. You must have membership in the local Administrators group, or equivalent privileges. See the Microsoft Operating System document or system administrator for more information.
2. You must have installed Unified Server (version 2.1, 3.0, 3.02, 3.30) and licensed with the following option(s):
 - Unified Server
 - BMS

Or you must have installed victor site manager (victor v4.6, 4.7, or 4.7.1, 4.8) and licensed with the following option(s):

- victor Application Server
- BMS (Included with victor license)

To perform the installation on the client(s):

1. You must have appropriate Windows permissions. You must have membership in the local Administrators group, or equivalent privileges. See the Microsoft Operating System document or your system administrator for more information.
2. You must have installed Administration Workstation and Monitoring Station
Or you must have installed victor unified client

9. Installation

Perform the following steps to install the unified victor/C-CURE 9000 Integration Software for BMS:

SERVER

Note: You must install the BMS Integration in the same folder as unified victor/C•CURE 9000. Also, you must have administrator privileges to do the install; otherwise the system displays the error message: "The system administrator has set policies to prevent this installation."

1. Double-click the Setup.exe file.
2. The installation program determines if the correct version of victor/C•CURE 9000 are installed on your system, and if it is not, a message is displayed stating that a supported version of victor/C•CURE 9000 is needed.
3. The Install Wizard begins installing the software, and the BMS Integration Welcome screen appears.
4. Click **Next** and follow the Install Wizard prompts.
5. Click **Finish** to complete the Installation.

Remote Client(s)

1. Double-click the Setup.exe file.
2. The installation program determines if the correct version of victor/C•CURE 9000 are installed on your system, and if it is not, a message is displayed stating that a supported version of victor/C•CURE 9000 is needed.
3. The Install Wizard begins installing the software, and the DSC PowerSeries Integration Welcome screen appears.
4. Click **Next** and follow the Install Wizard prompts.
5. Click **Finish** to complete the Installation.

10. Post-Installation

1. Launch the Server Configuration Application (Run as administrator) from the Start Menu via either:
 - Start > All Programs > Tyco
2. Restart the CrossFire services:
On the Services tab:
 - a. Click "Stop" for the Crossfire Framework Services and wait for all Services to show Status: Stopped
 - b. Click "Start" for the Crossfire Framework Services and wait for it to show Status: Running
 - c. Click "Start" for the Crossfire Server Component Framework Services and wait for it and others to show Status: RunningOn the Server Components tab:
 - d. Click "Start" for the "SoftwareHouse CrossFire BACnet Driver Service" and wait for it to show Status: Running
3. Launch Administration Workstation application to configure the BACnet devices and BACnet objects
 - Start > All Programs > TycoOr Launch victor client to configure the BACnet devices and BACnet objects
 - Start > All Programs > Tyco

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
 - victor Unified client: Unified 2.1, Unified 3.0, Unified 3.02, victor 3.30
- This version does not support Oracle.
- BMS integration cannot work simultaneously with MZX integration.
- The context menu for BACnet device/BACnet object on navigation tree is different from on dynamic view.
- BMS integration cannot work simultaneously with MZX integration.
- It is recommended during Auto discovery BACnet device, to **not** save and close before discovery BACnet devices and BACnet objects 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 BACnet devices keep changing from online to offline then back to online, increase the poll period interval to avoid this issue.

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.

© 2015 Tyco Security Products.
All rights reserved.