tyco | American Dynamics

ITv2 Integration for victor v5.6 Release Notes

This document provides important information about the installation and features of the ITv2 integration for victor. Read this document before you install the product.

Product: ITv2 Integration
- Integration Software Version: 5.6.40.0

This driver release is qualified with victor when installed on:
- victor Unified Systems v3.91 (C•CURE v2.90 and victor v5.6)

Overview

The ITv2 Integration provides an advanced integration with the DSC PowerSeries Neo and Pro Panels. Users of the victor Unified Client monitor and configure Neo and Pro devices, hardware, and alarms from the victor environment.

What's New

- Support for DSC Power Series Pro panels.
- Provides Encryption type 2 for supporting Power series Pro (128 and 248 Zone).
- Generalized the driver name as ITV2.
- Removed Firmware download feature.
- Modified Virtual Zone remove operation in virtual zone editor of panel (Refer to victor user manual v5.6 - Configuration chapter for more information).

Features

ITv2 Integration supports the following features:
- DSC PowerSeries Neo and Pro Panels.
- Filter Status messages: Enables events buffer.
- Supports synchronization of the following objects from the Panel and to the Panel:
  - Partitions
  - Zones
  - Outputs
  - Virtual Zones
  - Users
- Supports the following actions to control the Neo and Pro objects from victor:
  - Partition: Arm or Disarm
  - Zone: Bypass or Reset
  - Output: Activate or Deactivate
- victor Alarm Filtering, Virtual Keypad, Roles, and Object Association.
- victor Client-side Event Management.
- Devices on victor Maps and Health Dashboard.
- Supports TLS 1.2 for security.

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Johnson Controls

Software Requirements

The ITv2 Integration requires the following software:
- victor Application Server: v5.6
- victor Unified Client: v5.6

Qualified Hardware and Firmware

ITv2 Integration has the same hardware, and disk space requirements as the victor Application Server. If the target computer meets victor Application Server requirements, then it meets ITv2 Integration requirements.

The victor ITv2 Integration supports the following hardware and firmware:

Table 1: Neo Versions Supported

Hardware Version	Hardware Model	Firmware Version Supported
UA621 REV03	HS2016 / HS2032 / HS2064 / HS2128 / HS2128E	v01.12.01.13 / v01.14.01.10 / v1.20.01.31 / v1.21.01.01 / v01.30.01.08 / v01.30.01 / v1.31.01.01 / v1.35.01.07
UA601 Rev03	TL280 / TL280R / TL2803G	v04.11.04.31
UA628 Rev03	HS2LCD	v01.10.01.51 / v01.11.01.1 3 / v1.20.01.29 / v1.30.01.04 / v1.35.01.03
UA685 Rev01	TL280 / TL280R / TL2803G / TL280E / TL280RE	v5.00.04.27 / v05.20.01.29 / v05.02.04.0 3 / v5.03.04.04 / v5.41.04.01

Table 2: Pro Versions Supported

Hardware Version	Hardware Model	Firmware Version Supported
UA718Rev03	HS3128PCB / HS3248PCB	v1.30
UA628 Rev03	HS2LCD	v2.30

- Expansion Module: Output expander / Zone expander (HSM2108/HSM2208).
- Wireless Module: HSM2HOST / PG4984 / PG4945.

Contents of the Installation Package

The following table lists the contents of the ITv2 Integration installation package.

Table 3: Installation Package

File	Description
DSC_ITv2-5.6.40.0.exe	Installation program for the ITv2 Integration software
victor-ITv2-v5-6-UM-8200-1147-1243-B0-en.pdf	ITv2 Integration for victor v5.6 – User Guide
victor-ITv2-v5-6-RN-8200-1147-1244-C0-en.pdf	ITv2 Integration for victor v5.6 – Release Notes

Supported Installation Types

The victor ITv2 Integration supports the following installation types:
- Unified Standalone
- victor Standalone
- Unified Enterprise
- victor Enterprise

Pre-Installation

Before you install the ITv2 Integration, ensure that your system meets the following criteria:
On the victor Application 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 ITv2 Integration

On the Clients 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 client.

Installation

Note:
- Ensure that you stop all applications to avoid problems during installation.
- It is recommended to stop the CrossFire services before initiating the installation of ITv2 Intrusion Integration.

Follow the steps to install the ITv2 Integration software on the server and remote clients:
1. Double-click the `DSC_ITv2-5.6.40.0.exe` file. The Install Wizard begins. The ITv2 Integration Welcome screen appears.
2. Click **Next** and follow the Install Wizard prompts.
3. On the License Agreement, select the I accept the terms in the license agreement check box and then click **Next**.
4. Click **Finish** to complete the installation.

    Note: You cannot install the ITv2 Integration server components on a victor 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 ITv2 Services:
    a. On the **Server Configuration Application** page, click to open 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 **ITv2 Driver Service**. Select the **Enabled** check box and then click the **Start** button. The status of the ITv2 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**.
    c.

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Upgrading the ITv2 Integration

The 5.6 ITv2 driver supports the following upgrade scenarios:
- Upgrade from 5.3 to 5.6
- Upgrade from 5.4.1 to 5.6

To upgrade the ITv2 driver from a version earlier than v5.3 to v5.6, follow an incremental upgrade path to get to version 5.3. You must upgrade the victor installation before you upgrade the ITv2 Intrusion Integration. For example:
- If the current driver is a victor v5.1 compatible driver, upgrade incrementally to a victor v5.3 compatible driver, and then upgrade to a victor v5.6 compatible driver to maintain data integrity.
- If the current driver is a victor v5.2 compatible driver, upgrade incrementally to a victor v5.3 or v5.4.1 compatible driver, and then upgrade to a victor v5.6 compatible driver to maintain data integrity

Caution:
- If you have made any changes in the configuration file - `ITV2Configuration.xml,` ensure that you back up the file before upgrading. The configuration file is located at `Tyco\CrossFire\ServerComponents`
- If you upgrade victor and reboot your system before you upgrade the ITv2 integration, the ITv2 driver is stopped. You must upgrade the ITv2 integration to a victor v5.6 compatible driver before you can start the ITv2 driver.

Follow the steps below to upgrade the ITv2 integration from v5.3 or v5.4.1 to v5.6.
1. Use the victor installer or the Unified installer to upgrade victor to v5.6.
   Note: Click **Later** on the prompt that appears after you upgrade victor. Do not click **Reboot**.
2. Run the ITv2 Integration installer.
3. Reboot the machine

Scalability

This driver is qualified with the following panels:
- DSC Power Series Neo - 500 panels per server
- DSC Power Series Pro - 50 panels per server

Note: The DSC Power Series Pro Panel support 4 times the number of Partitions (Total of 8 Partitions in Neo versus 32 in Pro Series) and double the number of zones (Total of 128 Zones in Neo and up to 248 Zones in Pro Series). The performance numbers for the DSC Power Series Pro Panels are run with a fully loaded set of Zones and Partitions per Panel. The actual number of Panels which is possible to support at customer sites may depend on the capacity usage of the Partition Zone association per Panel.

Language Support

This driver supports the English (US) language.

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Compatibility Matrix

The following table lists the Compatibility Matrix of the ITv2 Integration.
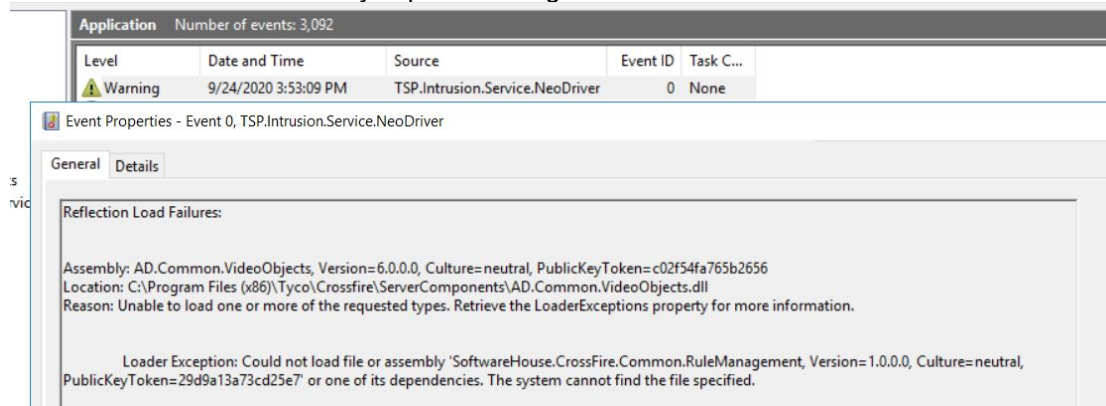
Table 4: Compatibility Matrix

victor version 5.6	
Partner	DSC
Partner Product	PowerSeries Neo and Pro
Partner Product version	• Hardware version: UA628 REV03, Keypad Model: HS2LCD, and Firmware version: v01.10.01.51, v01.11.01.13, v1.20.01.29, v1.30.01.04, v1.33.01.02, and v1.35.01.03 • Hardware version: UA601 REV03, Communicator Model: TL280/TL280R/TL2803G, and Firmware version: v04.11.04.31. • Hardware version: UA685 REV01, Communicator Model: TL280E/TL280RE, and Firmware version: v5.00.04.27, v05.02.04.03, v5.03.04.04, v5.40.04.07 and v5.41.04.01 • Hardware version: UA621 REV03, DSC Neo Panel Model: HS2016, HS2032, HS2064, HS2128, HS2128 E, and Firmware version: v01.12.01.13, v01.14.01.10, v1.20.01.31, v1.21.01.01, v01.30.01.08, v1.31.01.01, v1.33.01.05, and v1.35.01.07 • Hardware version (Pro Panel): UA718 Rev03, Hardware Model: HS3128PCB / HS3248PCB, and Firmware version: v1.30 • Hardware version (Pro Panel): UA628 Rev03, Hardware Model: HS2LCD, and Firmware version: v2.30 • Expansion Module: Output expander/Zone expander (HSM2108/HSM2208). • Wireless Module: HSM2HOST/PG4984/PG4945.
Integration driver version	5.6.40.0
victor License option	ADVC-ITv2
Enterprise Certified	Yes
Redundancy Certified	Yes
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

Known Issues and Limitations

This section describes the victor ITv2 Integration known limitations:
- After installing ITv2 integration with check-box -Connection Strings Encrypted selected, Crossfire services failed to start.
  Note: The following are the recommended steps for installing/upgrading the ITv2 Integration:
    1. Disable the check-box Connection Strings Encrypted in the Database tab under Server Configuration Application.
    2. Install the ITv2 Integration.
    3. Enable the check-box Connection Strings Encrypted again.
- One panel can be associated with only one alarm filter.
- If you install the ITv2 Integration on remote clients, the **Integration Setup** dialogue box appears and you may be prompted to select an **Installation Option** for Redundancy server. Ignore this message and click **Next** to continue with the installation. If you select the **Redundancy server 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 ITv2 Driver to SAS is not supported.

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- Apply template feature will not be successful, until the panel capabilities (like number of zones/partition/output/user) are extracted from the panel.
  - o **Workaround**: Synchronization from Panel before applying template.
- ITv2 driver stop is unsuccessful, if the synchronization/configuration read of more than 200 panels are in progress.
  - o **Workaround**: Restart the driver and there will be no impact on the functional.
- Bulk Output activate is unsuccessful, if the **Partition Assignment** tab output is incorrect.
  - o **Workaround**: Assign output to the enable partition.
- Zone removal from partition is not shown in the **Partition-Zone Assignment** tab on partition editor.
  - o **Workaround**: After Zone removal, sync from panel to be performed to reflect the exact configuration of the panel.
- After adding a new user in victor, **Partition-User assignment** tab will not be the exact as per the panel.
  - o **Workaround**: Perform synchronization from panel to get the proper assignment details.
- Master User modification is not allowed through the integration.
- During Status synchronization of 500 Neo panels, the first batch of synchronization takes fifty percent of the complete sync process time.
- When you try to bring 500 Neo panels online, panels starts loading online gradually instead of being loaded immediately.
- Output label write to the panel is not supported.
- If multiple intrusion integrations (such as ITv2, 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 ITv2, 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.
- In virtual keypad partitions are not sorted in alphabetical order.
- Every time Neo driver is restarted, following warring message gets logged in the Event Viewer. However this doesn't have any impact on integration.

Application	Number of events: 3,092			
Level	Date and Time	Source	Event ID	Task C...
⚠ Warning	9/24/2020 3:53:09 PM	TSP.Intrusion.Service.NeoDriver	0	None

Event Properties - Event 0, TSP.Intrusion.Service.NeoDriver

General Details

Reflection Load Failures:

Assembly: AD.Common.VideoObjects, Version=6.0.0.0, Culture=neutral, PublicKeyToken=c02f54fa765b2656
Location: C:\Program Files (x86)\Tyco\Crossfire\ServerComponents\AD.Common.VideoObjects.dll
Reason: Unable to load one or more of the requested types. Retrieve the LoaderExceptions property for more information.

     Loader Exception: Could not load file or assembly 'SoftwareHouse.CrossFire.Common.RuleManagement, Version=1.0.0.0, Culture=neutral, PublicKeyToken=29d9a13a73cd25e7' or one of its dependencies. The system cannot find the file specified.

Defects Fixed

No defect fixes in this version of release.

End of Release Notes