American Dynamics
From Tyco Security Products

victor Unified Client

DSC PowerSeries User Guide
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Introduction

Overview

The victor DSC PowerSeries Integration provides advanced, seamless integration with the DSC PowerSeries Security System, allowing customers to monitor their important intrusion system devices from the victor client interface.

The general DSC PowerSeries Security System is made up of DSC control Panels, one or more keypads and various sensors and detectors. All the keypads have an audible indicator and command entry key. They are used to send commands to the system and to display the current system status. The security system has several zones of area protection, and each of these zones is connected to one or more sensors, such as Motion detectors or door contacts. A sensor in alarm will be indicated by corresponding zone.

The service can be used by victor to access DSC Control Panels through the IT-100 data integration module, which provides an Application Programming Interface to allow third-party applications to communicate with the PowerSeries Security System.

The union of this high-end DSC PowerSeries product and victor Unified Client provides extensive system integration opportunities. It allows you to import a DSC Control Panel configuration and acquire DSC Control Panel status changes. Partition and Zone status and all alarms, troubles, and emergency information from the DSC PowerSeries Security System are stored in victor's detailed journal. The integration also provides a virtual keypad as a convenience.

| **NOTE** | The only way to change the configuration in the physical DSC panel is by actual keypad or virtual keypad. |

Features

The following is a list of major features supported by the victor DSC PowerSeries Integration:

- PC1864/PC1832/PC1616 panels.

- Remote management of DSC panels through Lantronix devices.

- Communication with DSC panel, journal and acquisition of panel, partition, and zone status.

- Arm and disarm partition.

- Import panel configuration, and show partition and zone mapping.

- Use of the Virtual Keypad.

- Implement arm/disarm partition, Fire/Auxiliary/Panic alarm, and command output actions.

Architecture

The objective of the victor DSC PowerSeries Integration service is to provide a standard interface between the DSC PowerSeries product family and victor via an RS-232 serial port or network port when you used UDS1100 to convert serial port of IT-100 module into a network port. The service listens to DSC PowerSeries unsolicited messages and communicates them to victor. victor processes these messages and communicates them to users as object state changes, activities, events, and alarms according to the way the DSC PowerSeries objects in the victor database are configured.

The DSC PowerSeries Integration service gives you the ability to import a DSC panel's configuration in victor, and arm/disarm partitions. The DSC PowerSeries Integration service also listens to DSC PowerSeries product unsolicited messages and processes them into victor Journal messages.

You can access the DSC PowerSeries Integration service on the **Setup** tab on the victor interface.

Configuring the Connection to a DSC Panel

DSC panel hardware must have an IT-100 module to provide an RS-232 serial port to connect to DSC PowerSeries Integration. This section explains how to configure the connection to a DSC panel in the victor system.

Serial Connectivity Settings

The IT-100 module is connected to the victor server's COM port using a null-modem RS-232 cable with DB25 connector on the DSC panel end and a DB9 connector on the victor server end.

Both the IT-100 module and the victor DSC Integration need to be configured for the same communication settings.

Network Connectivity Settings

If you want to use Network Port to establish communication between the victor server and DSC panel, you must use the third party device to convert the serial port into network port. This is intended for users that will use third party UDS1100 hardware with the victor DSC PowerSeries Integration system. This is a brief instruction on how to install the UDS1100 hardware device and how to use it to convert a serial port to network port. See UDS1100 User Guide for more information.

Installing the UDS1100 Hardware Device

1. Connect the serial port of IT-100 to the serial port of UDS1100 unit by a "straight-through" RS-232 cable. Only the RX, TX, and GND connections are used on IT-100.

2. Connect an Ethernet cable to the RJ45 port of UDS1100 unit.

3. For the UDS1100-POE version, power is supplied to UDS1100 unit over the Ethernet interface using an 802.3af POE-compliant power source, such as a POE midspan or POE Ethernet switch.

4. For a non-POE UDS1100 unit, supply power to the UDS1100 unit using the power supply that was included in the packaging.

> **NOTE** The required input voltage for the non-POE DUS1100 is 9-30 VDC (center +) or 10-24 VAC, 1.5W maximum power required.
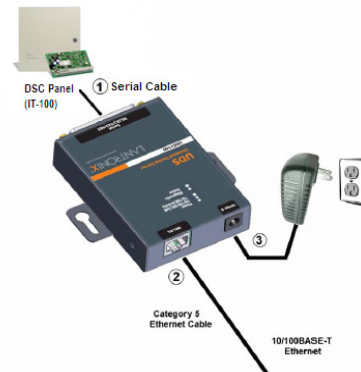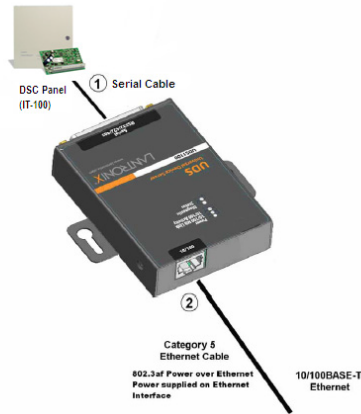
Assigning an IP Address and TCP Port

The following instructions assume you have installed Device Installer Utility. See *UDS1100 User Guide* for more information about Device Installer Utility.

1. Open your Web Browser and type 172.18.11.190 in the Address Bar. This is the default address. The USD1100 prompts for a **User name** and **Password**.

2. Perform one of the following: If no Telnet password has been defined, which is the default, leave both fields blank and click **OK**. If a Telnet password has been defined, leave the **User name** blank, type in the **Password**, and then click **OK**. The Web-Manager then displays.

3. Select **Network** from the left main menu. The Network Setting page appears.

4. In Network Setting page, you can assign an IP Address automatically or manually. The IP Address configured here is what you should enter in the IP Address field if you select Network Port in DSC Panel **General** tab.

If you want assign an IP Address automatically:

  a. Select **Obtain IP Address** automatically.

  b. Select one of these options: **BOOTP**, **DHCP**, **AutoIP**, or **DHCP**. Refer to "Network Settings Options" on page 1 for a description of these options.

If you want to assign an IP Address manually:

  a. Select **Use the following IP configuration**.

  b. Select one of the options that appears. Refer to "Network Settings Options" on page 1 for more information regarding these fields.

5. Select **Auto Negotiate**. For descriptions of this field, refer to "Network Settings Options" on page 1.

6. Click **OK** to finish.

Assigning a TCP Port

1. In the Web-Manager page, select **Connection** from the left main menu. The **Connection Settings** page appears.

2. On the **Connection Settings** page, select **TCP** in the **Protocol** drop-down list.

3. Select **Auto Start** in the **Active Connect** drop-down list.

4. In the **Local Port** field, type the port number. This number is what you should enter in **TCP Port** field if you select Network Port in the DSC Panel **General** tab.

5. Click **OK** to finish.

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Installation

Overview

victor Unified Client must be installed before you install the Intercom Integration. For information on how to install victor, see the *victor Installation and Configuration Guide*.

The DSC PowerSeries Integration must be installed on every victor server and client system.

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

You need to perform the basic installation process described in the following pages on each computer in your victor system.

NOTE	Please be advised that the DSC PowerSeries Integration installation will temporarily shut down and restart the CrossFire Services. Therefore, the DSC PowerSeries installation should be planned accordingly.

Before You Begin

Prior to installing the DSC PowerSeries Integration, you should ensure the following:

- If you are installing DSC PowerSeries Integration on a corporate network, be sure to coordinate with your corporate network administrator.
- You must have the appropriate Windows permissions.
- You must be in the local Administrators group or have equivalent privileges.

NOTE	See the Microsoft Operating System documentation or your system administrator for more information.

Installation

> ⚠️ The DSC PowerSeries Integration installation temporarily shuts down and restarts the CrossFire services. Therefore, the DSC PowerSeries Integration should be planned accordingly.

Running the Installation Program

1. Double-click on **setup.exe**. A Tyco CrossFire Service Alert appears indicating that Tyco CrossFire services will be shutdown.

2. Click **OK** to continue the install. The Welcome dialog box opens.

3. Click **Next**. The License Agreement dialog box opens.

4. Click on the **I accept the terms of the license agreement** radio button, and then click **Next**.
   You can also click **Print** to print a hard copy of the license agreement for your records. A copy of the license agreement is sent to the default printer configured in your printer settings.
   The Database Server dialog box opens if you are installing the DSC PowerSeries integration on a victor server computer. The dialog box automatically selects the victor database server/instance and catalog. This dialog box allows you to choose the authentication method.

5. Click **Next**. The Ready to Install the Program dialog box opens.

6. Click **Install**. The Installing victor DSC PowerSeries Integration dialog box opens.

7. When the installation is complete, the InstallShield Wizard Completed dialog box opens. To automatically start the CrossFire Services after the installation, click in the **Start the Tyco CrossFire services** check box.

8. Click **Finish**.

Starting the Server Application Services

Before you can configure a DSC PowerSeries integration object, the **CrossFire Framework Service**, **CrossFire Server Component Framework Service**, and **DSC PowerSeries Driver Service** must be running.

If you did not select the **Start the Tyco CrossFire services** check box during the installation, you must manually start the services.

Manually starting the Server Services

1. From the Start Menu, select **Start**>**All Programs**>**Tyco**>**Server Configuration**. The Server Configuration Application opens.

2. Click the **Services** tab.

3. If the Status is displayed as **Stopped** for the **CrossFire Framework Service** under **Framework Services**, click **Start**.

4. If the Status is displayed as **Stopped** for the **Crossfire Server Component Framework Service** under Framework Services, click **Start**. Proceed to Step 5 after the **CrossFire Framework Services** each display a status of **Running**.

5. If the **DSC PowerSeries Driver Service** is not displaying **Running**, click in the **Enabled** checkbox, and click **Start**. When the **Crossfire Framework Service**, **CrossFire Server Component Framework Service**, and the **DSC PowerSeries Driver Service** each display a status of **Running**, you can configure DSC PowerSeries objects in victor.

Uninstall the Integration

This section describes how to uninstall the DSC PowerSeries Integration from the Server computer and Client computers in your security system.

The uninstall process removes all software components that were installed on the computer by the DSC PowerSeries integration installation Once the uninstall process completes, the computer will be in a clean state.

> ⚠️ Uninstalling this integration does not automatically remove objects that were configured in the victor Unified Client. Before you proceed with this uninstall, you must manually remove the objects from victor to avoid potential issues with functions, such as partition deletion.
>
> Unless you intend to reinstall the integration and continue using it, ensure that the objects are deleted before removing the integration.
>
> The DSC PowerSeries Integration uninstall procedure shuts down and restarts the CrossFire services. Therefore, the DSC PowerSeries Integration uninstall should be planned accordingly.

Uninstalling the Integration

NOTE The uninstall procedure described is on a Windows 7, 32-bit computer. For other supported operating systems, please refer to your operating system guide for information about removing programs from your computer.

1. Close all open applications.

2. From the Windows **Start** menu, select **Control Panel**>**Programs and Features**.

3. In the list, right-click on the **DSC PowerSeries Integration**.

4. Click the **Change**. A Tyco CrossFire Service Alert appears indicating that Tyco CrossFire services will be shutdown. The Welcome dialog box opens.

5. Click **Next**. The Synchronize or remove installation dialog box opens.

6. Click **Remove** and click **Next**. The Ready Remove dialog box opens.

7. Select from the following:

- Leave **the Drop database tables** check box unchecked and the databases used in the DSC PowerSeries integration configurations will be kept. Select this option to keep the existing configurations if you plan to reinstall the DSC PowerSeries integration at a later date.

- Click in the **Drop database tables** check box to select it, and the databases used in the DSC PowerSeries integration configurations will be deleted.

8. Click **Remove**. The Removing dialog box opens.

NOTE	If there are files in use that need to be updated by the uninstall, the Files in Use dialog box opens. You will need to close the applications listed, and then go back and click **Retry** to continue with the uninstall.

9. The InstallShield Wizard Completed dialog box opens when the uninstall is complete. Click in the **Start the Tyco CrossFire services** check box to automatically start the services. Selecting this check box means you do not have to manually start the Tyco CrossFire services.

10. Click **Finish**.

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DSC Panels

Configuring a DSC Panel

For further detailed information regarding the

Adding a DSC Panel

1. On the **Setup** tab, select **DSC Panel** and click **New** from the drop-down list. The DSC Panel editor appears.

2. Enter a **Name**.

3. Enter a **Description**.

4. Select the **Enabled** check box to put the panel online after configuration.

5. Select either **Serial Port** or **Network Port** depending on the communication requirements for the panel.

NOTE Fields modify depending on whether you choose the **Serial Port** or **Network Port** option. Refer to "Fields of the DSC Panel editor" on the facing page for further information regarding these fields.

6. Enter the **Installer Code** of this panel.

7. Select a time in minutes for the **Auto Time Update Delay**.

8. Select a time zone for the panel.

9. Select 🟢 to add associated hardware to this panel.

10. Select 💾 to save and close.

Editing a DSC Panel

1. On the **Setup** tab, select **DSC Panel** and select **Show All** from the drop-down list. A list of configured DSC Panels appears.

2. Right-click the panel you want to edit and click **Edit**. The DSC Panel editor opens.

NOTE Editing a DSC Panel requires the panel to be offline. If the panel is already enabled, clear the **Enabled** check box and then click **Save** to begin your edits.

3. Make the edits that you require and click to save and close.

Deleting a DSC Panel

1. On the **Setup** tab, select **DSC Panel** and select **Show All** from the drop-down list. A list of configured DSC Panels appears.

2. Right-click the panel you want to delete and click **Delete**.

3. The **Deleting Objects in Use** dialog box appears. Click **Yes**.

Fields of the DSC Panel editor

The following sections describe the fields of the DSC Panel editor.

General section

Field	Description
Name	Enter a unique name up to 50 characters long for the DSC panel.
Description	Enter a general comment about the Panel.
Enabled	Select this option to establish the communication between victor and the DSC panel. Note: If you can't enable it successfully, please check your connection. Clear this option to disable the DSC panel.

Communication Protocol section

Field	Description
Communication Type	**Serial Port**: In the **COM Port** drop-down list, select the COM Port number connected to serial port of IT-100 module, with which the DSC panel communicates with the DSC hardware.
	In the Baud Rate drop-down list, select associated baud rate. The default baud rate is 9600.
	Network Port: Type the IP address and TCP Port when you used UDS1100 to convert serial port of IT-100 module into a network port, with which the victor server can remote manage DSC panel.
Installer Code	This is the installer code for the panel.
Software Version	This field displays the software version of the panel.
Auto Time Update Delay (min)	This field displays the time interval for updating the date and time in the DSC system.
Last Sync Partition-Zone Time	This field displays the specific time when you last synchronized the partition and zone mapping.
Synchronize	Click this field to synchronize the partition and zone mapping from DSC hardware when it is connected to victor.
Time Zone	This field displays the current time zone configured on the DSC Panel or configures the time zone for the panel.

Associations section

Panel Status

Field	Values	Description
Online Status	**Online**	The panel is online.
	Offline	The panel is offline.
	Disabled	The panel is unavialable.
Trouble Status	**Trouble**	The DSC panel is in trouble status and the trouble LED is ON.
	Unknown	The DSC driver is shut down or disabled.
	Normal	The DSC panel is not in trouble status.
Tamper Status	**Tamper**	The system is tampered.
	Unknown	The DSC driver is shut down or disabled.
	Normal	The DSC panel is not in Tamper status.
Communication Status	**Comm Unknown**	The DSC driver is shut down or disabled.
	Comm Fail	The Com Port connection failed.
	Comm Normal	The Com Port connection is successful.

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# Configuring DSC Partitions

Configuring a DSC Partition

A DSC Partition object represents the partitions in the victor database.

Editing a DSC Partition

1. On the **Setup** tab, select DSC Partitions and click **Show All** from the drop-down list. A list of configured DSC Partitions appears.

2. Right-click the partition you want to edit and click **Edit**. The DSC Partition editor appears.

3. Make the edits for the partition that you require. Refer to "Fields of the DSC Partition editor" on page 21

4. Click [icon] to save and close.

Arming a Partition

1. On the **Setup** tab, select DSC Partitions and click **Show All** from the drop-down list. A list of configured DSC Partitions appears.

2. Right-click the partition you want to arm and select **Arm** from the drop-down list.
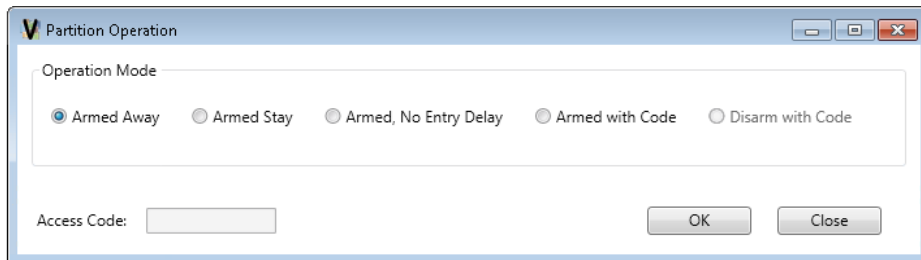

3. The **Partition Operation** dialog box opens. Select an operation mode and click **OK**. If armed successfully, the dialog box will close automatically. You can check the partition's status in the **Partition Status** section of the DSC Partition editor. If the partition fails to arm, the dialog box will remain open and is registered in the **Activity** list.

Disarming a Partition

1. On the **Setup** tab, select DSC Partitions and click **Show All** from the drop-down list. A list of configured DSC Partitions appears.

2. Right-click the partition you want to disarm and select **Disarm** from the drop-down list. The **Partition Operation** dialog box opens.
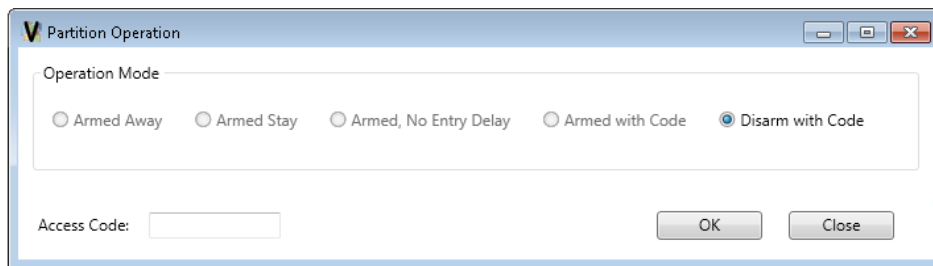
3. The only operation mode is **Disarmed with Code**. Type the Access Code in the **Access Code** field and click **OK**.

Using Command Output

You can select Command Output for a partition which activates any PGM output assigned to the command output in a partition.

1. On the **Setup** tab, select DSC Partitions and click **Show All** from the drop-down list. A list of configured DSC Partitions appears.

2. Right-click the partition and select **Command Output** from the drop-down list. The Partition **Command Output** dialog box appears. Select an output and click **OK**.
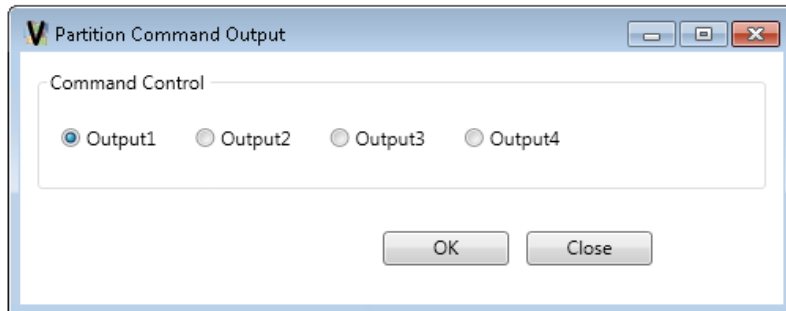
3. If an access code is required by the DSC hardware, the Code Operation dialog box appears. Enter the valid access code and click **OK**. The DSC panel will then activate any PGM output assigned to teh selected commany output in this partition.
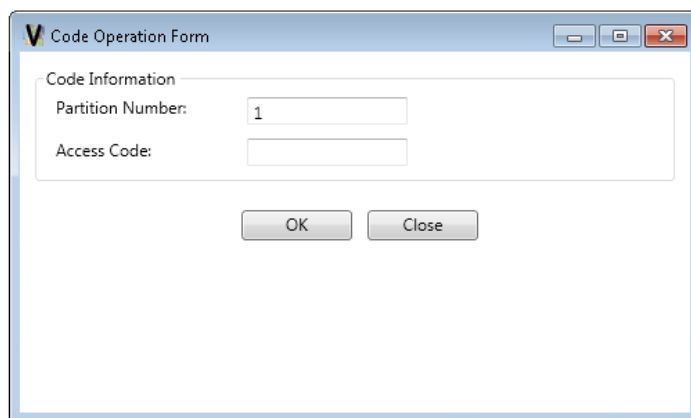
Fields of the DSC Partition editor

The following sections describe the fields of the DSC Partition editor.

General section

Field	Description
Name	Displays a unique name up to 50 characters long for the DSC partition.
Description	Enter a general comment about the DSC partition.
Enabled	Select this option to enable this DSC partition or clear this option to disable the DSC partition.

Partition Information section

Field	Description
Partition Number	Displays the DSC partition number.
Assigned To	Displays which DSC panel this partition belongs to.
Send state changes to Activity	Select this option to send changes to the Activity list.

Associations section

Click to associate additional hardware with this zone.

Partition Status section

Field	Values	Description
Ready Status	Ready	Ready to arm.
	Not Ready	Not ready to arm.
	Busy	The Keypad is occupied.
	Unknown	The DSC driver is shut down or disabled.
Armed Status	Away armed	The partition is away armed.
	Stay armed	The partition is stay armed.
	Disarmed	The partition is disarmed.
	Unknown	The DSC driver is shut down or disabled.
Alarm Status	Alarm	The partition is in fault status.
	Normal	The partition is normal, no alarm.
	Unknown	The DSC driver is shut down or disabled.

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Configuring DSC Zones

Configuring a DSC Zone

A DSC Zone refers to the physical interface in the panel. The DSC Zone editor provides related zone information.

Editing a DSC Zone

1. On the **Setup** tab, select DSC Zones and click **Show All** from the drop-down list. A list of configured DSC Zones appears.

2. Right-click the zone you want to edit and click **Edit**. The DSC Zone editor appears.

3. Make the edits for the partition that you require. Refer to "Fields of the DSC Zone editor" below for more information regarding the fields of this editor.

4. Click [icon] to save and close.

Fields of the DSC Zone editor

The following sections describe the fields of the DSC Zone editor.

General section

Field	Description
Name	Displays a unique name up to 50 characters long for the DSC zone.
Description	Enter a general comment about the DSC zone.
Enabled	Select this option to enable this DSC zone or clear this option to disable the DSC zone.

Zone Information section

Field	Description
Zone Number	Displays the DSC zone number.
Assigned To	Displays which DSC panel this zone belongs to.
Send state changes to Activity	Select this option to send changes to the Activity list.

Partitions section

This section shows the information of the partition that belongs to this zone.

Associations section

Click to associate additional hardware with this zone.

Zone Status section

Field	Values	Description
Alarm Status	Alarm	The zone is in alarm status.
	Alarm Restore	The zone is not in alarm status.
	Unknown	The DSC driver is shut down or disabled.
Tamper Status	Tamper	The zone is in tamper status.
	Tamper Restore	The zone is not in tamper status.
	Unknown	The DSC driver is shut down or disabled.

Field	Values	Description
Fault Status	Fault	The zone is in fault status.
	Fault Restore	The zone is not in fault status.
	Unknown	The DSC driver is shut down or disabled.
Open Status	Open	The zone is in open status.
	Open Restore	The zone is not in open status.
	Unknown	The DSC driver is shut down or disabled.

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Virtual Keypad

DSC Keypad Editor Overview

Visual Keypad is the simulation of a Power Series keypad. The four symbols on the top-right represent the four status LEDs on the Power Series keypad respectively. All keyboard buttons function the same as those on the PowerSeries keypad. If you want to configure the panel via the keypad, see *PC1166/PC1832/PC1864 User Manual* for more information.

NOTE	The visual keypad functions identically to an actual PowerSeries keypad and is provided for convenience only. Refer to your DSC documentation for instructions of using the keypad. American Dynamics is not responsible for supporting usage of this feature.

Accessing the DSC Keypad Editor

1. On the Device List, click [keypad icon]. All DSC Keypads appear in the **Device List**.

2. Right-click the keypad you want to access and click **View Keypad**. The virtual keypad appears.

NOTE	If there is nothing to show on the green LED area, you can click # to initiate the communication between the Virtual Keypad with the DSC panel.

DSC Keypad Editor

5
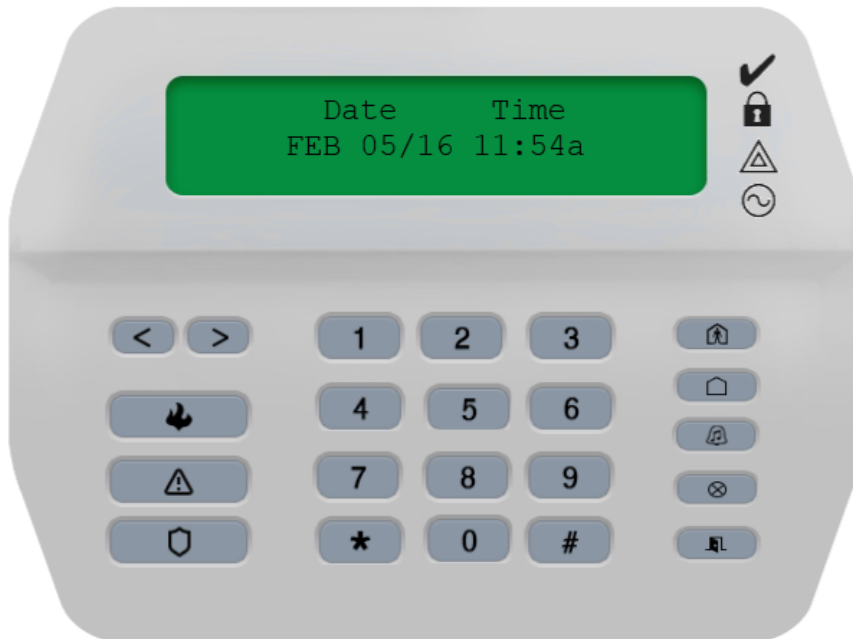
Event & Action

DSC Armed Command Actions

Adding DSC Armed Command Actions

1. On the **Setup** tab, select DSC Actions. Select **DSC Armed Command Actions** and click **New** from the drop-down list. The DSC Armed Command Action editor opens. For more information about the fields, refer to "Fields of the DSC Armed Command Actions editor " below.

2. Enter a **Name**.

3. Enter a **Description**.

4. Enter a **DSC Partition** by clicking . The **Object Selector** appears. Select the partition to be the object of this action, and then click **OK**.

Fields of the DSC Armed Command Actions editor

The following tables describe the fields of the DSC Armed Command Actions editor.

General section

Field	Description
Name	Displays a unique name up to 50 characters long for the DSC Command Output Action.
Description	Enter a general comment.

Details section

Field	Description
DSC Partition	Click to select a partition from the **Object Selector** as the object of this action.
Modes	Select an alarm mode.
Access Code	Enter the access code.

DSC Command Output Actions

Adding DSC Command Output Actions

1. On the **Setup** tab, select DSC Actions. Select **DSC Command Output Actions** and click **New** from the drop-down list. The Command Output Action editor opens. For more information about the fields of the DSC Command Output Action editor, see "Fields of the Command Output Actions editor" below.

2. Enter a **Name**.

3. Enter a **Description**.

4. Enter a **DSC Partition** by clicking . The **Object Selector** appears. Select the partition to be the object of this action, and then click **OK**.

5. Select a **Command Control** by selecting the radio button of the required output.

6. Click to save and close.

Fields of the Command Output Actions editor

The following tables describe the fields and values of the Command Output Action editor.

General section

Field	Description
Name	Displays a unique name up to 50 characters long for the DSC Command Output Action.
Description	Enter a general comment.

Details section

Field	Description
DSC Partition	Click to open the **Object Selector** and select a partition as the object of this action.
Command Control	Select an Output for the action of the DSC Command Output Action.

DSC FAP Alarm Command Actions

Adding DSC FAP Alarm Command Actions

1. On the **Setup** tab, select DSC Actions. Select **DSC FAP Alarm Command Actions** and click **New** from the drop-down list. The DSC FAP Alarm Command Actions editor opens. For more information about the fields of this editor, refer to "Fields of the DSC FAP Alarm Command Actions editor" below.

2. Enter a **Name**.

3. Enter a **Description**.

4. Enter a **DSC Panel** by clicking . The **Object Selector** appears. Select the panel to be the object of this action, and then click **OK**.

5. Select a **Key Type**.

Fields of the DSC FAP Alarm Command Actions editor

The following tables describe the fields of the DSC FAP Alarm Command Actions editor.

General section

Field	Description
Name	Displays a unique name up to 50 characters long for the DSC Command Output Action.
Description	Enter a general comment.

Details section

Field	Description
DSC Panel	Click to open the **Object Selector** and select a panel as the object of this action.
Key Type	Select a key type.

DSC Disarmed Command Actions

Adding DSC Disarmed Command Actions

1. On the **Setup** tab, select DSC Actions. Select **DSC Disarmed Command Actions** and click **New** from the drop-down list. The DSC Disarmed Command Action editor opens. For more information about the fields, refer to "Fields of the DSC Disarmed Command Actions editor" below.

2. Enter a **Name**.

3. Enter a **Description**.

4. Enter a **DSC Partition** by clicking . The **Object Selector** appears. Select the partition to be the object of this action, and then click **OK**.

5. Enter an **Access Code**.

Fields of the DSC Disarmed Command Actions editor

The following tables describe the fields of the DSC Disarmed Command Actions editor.

General section

Field	Description
Name	Displays a unique name up to 50 characters long for the DSC Command Output Action.
Description	Enter a general comment.

Details section

Field	Description
DSC Partition	Click to select a partition from the **Object Selector** as the object of this action.
Access Code	Enter the access code.

Scheduling an Event

Events can be created and configured from within the client. The **Event Setup** editor can be used to configure alerts for DSC specific actions. For more information regarding configuration of events, alerts, and actions refer to *victor Unified Client Administrations and Configuration Guide*.

Creating an Event

1. On the **Build** tab, select **Events** and then click **New**.

2. Enter a **Name**.

3. Enter a **Description**.

4. The **Enabled** check box is checked by default, clear to disable the event.

5. Select the **Priority** from the drop-down list.

   NOTE   Each priority level is associated with a color which is made prominent in the Event viewer when the event is triggered.

6. Select **Event Breakthrough** if required. The default setting is disabled. Enabling **Event Breakthrough** assigns priority to the event viewer when the event is triggered which overrides anything else the user is viewing.

7. Enter the **Activate Text**. This text will display in the event viewer. If you have the activity list open, this text displays as the event triggers.

8. Enter **Instructions** for the user. These will be conveyed to the user with the event triggers.

9. Select **Play Sound When Active** check box if an audible alarm is required when the event triggers.

10. Select [icon] to open the **Select Sound** dialog box. Navigate to the sound you want and select the file. Select **Open** and then select **OK**.

    NOTE   Only .wav sound files are supported.
    The files must be located in the ...\\WINDOWS\Media folder. If a custom .wav file is required, copy to this location.

11. Select or deselect check boxes for the **Acknowledge and Clear Options** depending on how you require the event to be acknowledged and cleared.

12. Click to save and close.

Event Configuration

Using the **Event/Action Pairing** editor and the **Event Setup** editor, you can build multiple even configurations quicker and easier than building single event configurations one at a time.

Event/Action Pairing Editor

The **Event/Action Pairing** editor is used to tie together system events with actions you wish to trigger.
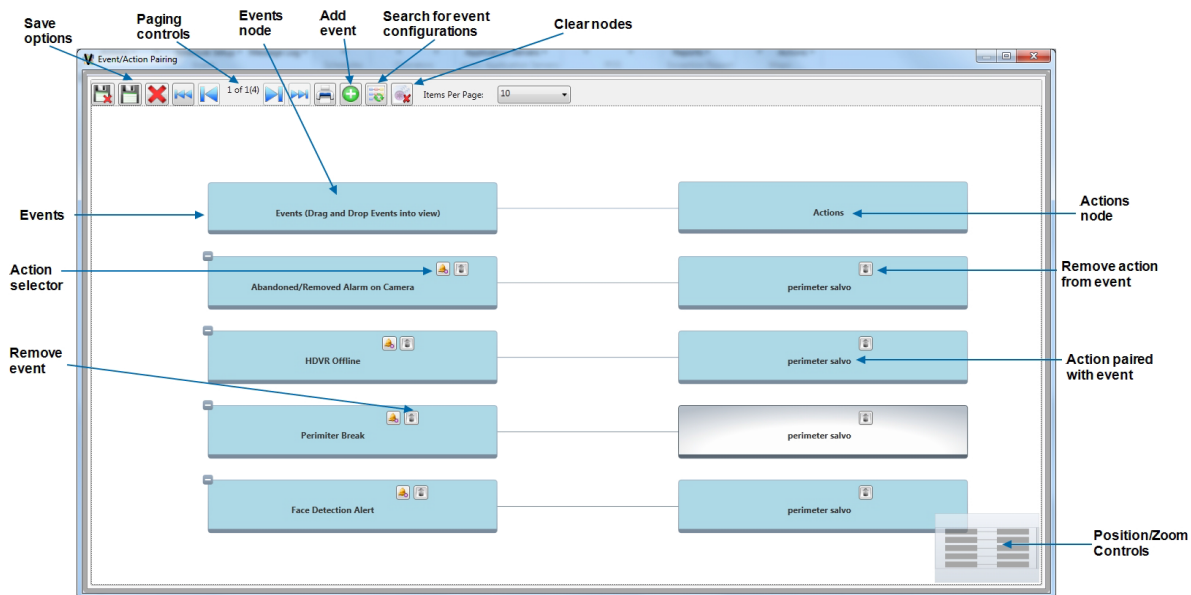
Figure 1: The Event/Action Pairing editor

Pairing Events and Actions

1. On the **Build** tab, select **Event/Schedule Setup** and then click **Event/Action Pairing**. The Event/Action Pairing editor opens.

2. Click the **Events** node and use the **Obeject Selector** to select events as required.

3. Select ![icon] in the **Event** node and use the **Object Selector** to assign even Actions. Repeat as required.

4. Select ![icon] to save and close.

Event Setup

The **Events/Schedule Setup** editor provides a dynamic, visual method of bath linking **Devices**, **Alerts**, and **Actions** as well as setting up event scheduling.

Figure 2: The Event/Schedule Setup editor

1. On the **Build** tab, select **Event/Schedule Setup** and then click **Events/Schedule Setup**. The Events Setup editor displays.

2. Double-click the **Devices** node and use the **Object Selector** to select the device, or drag and drop from the **Device List**.

3. Select [icon] in the **Devices** node and use the check boxes in the drop-down list to assign alerts as required. Click **Add Alerts**. These alerts are displayed under the **Alerts** node.

4. Select [icon] in the **Alerts** node and use the **Object Selector** to assign **Actions**. Repeat as required.

5. Use merge and clone options as required to copy configurations:

   - Select [icon] to merge and clone target configuration.

   - Select [icon] to duplicate source configuration to all targets.

   - Select [icon] to remove configuration on source and target.

6. Select [icon] to add or remove schedules as you require. Refer to the *victor Unified Client Administrations and Configuration Guide* for more information on schedules.

7. Following event setup, select [icon] to save and close.

Figure 3: Event triggered

6

DSC Activity Messages

DSC Activity messages tables

The following tables list the messages that can be reported by the DSC Integration products to the victor database.

"#" in the table is used to represent an object such a panel name, point name, or computer name, The actual value for the object property will replace the "#" in the Journal.

Table 1: DSC Device Activity Messages

Message Type	Object	State Change	Message
DSC Object Change State	DSC Panel	Enabled	DSC Panel # is enabled.
		Disabled	DSC Panel # is disabled.
		Online	DSC Panel #, communication restored.
		Offline	DSC Panel #, communication failure.
	DSC Partition	Ready	DSC Panel #, Partition # is ready.
		Not Ready	DSC Panel #, Partition # is not ready.
		Away Armed	DSC Panel #, Partition # is away armed
		Stay Armed	DSC Panel #, Partition # is stay armed.
		Away No Delay Armed	DSC Panel #, Partition # is away no delay armed.
		Stay No Delay Armed	DSC Panel #, Partition # is stay no delay armed.
		Ready to Force Arm	DSC Panel #, Partition # is ready to force arm.
		Busy	DSC Panel #, Partition # is busy.
		Disarmed	DSC Panel #, Partition # is disarmed.
		Alarm	DSC Panel #, Partition # is in alarm.
	DSC Zone	Zone Alarm	DSC Panel #, Zone # alarm.
		Zone Alarm Restore	DSC Panel #, Zone # alarm restore.
		Zone Tamper	DSC Panel #, Zone # tamper.
		Zone Tamper Restore	DSC Panel #, Zone # tamper restore.
		Zone Fault	DSC Panel #, Zone # fault.
		Zone Fault Restore	DSC Panel #, Zone # fault restore.
		Zone Open	DSC Panel #, Zone # open.
		Zone Restored	DSC Panel #, Zone # open restore.
DSC Device Activity	DSC Panel DSC Partition	Duress Alarm	DSC Panel # system duress alarm.

Message Type	Object	State Change	Message
		Key Alarm	DSC Panel # Fire (Auxiliary, Panic) key alarm.
		Key Restoral	DSC Panel # Fire (Auxiliary, Panic) key alarm restore.
		Auxiliary Input Alarm	DSC Panel # auxiliary input alarm.
		Auxiliary Input Alarm Restoral	DSC Panel # auxiliary input alarm restoral.
		Exit Delay in Progress	DSC Panel #, Partition # exit delay in progress.
		Keypad Lock out	DSC Panel #, Partition # keypad lock out.
		Keypad Blanking	DSC Panel #, Partition # command output in progress.
		Command Output In Progress	DSC Panel # command output in progress.
		Invalid Access Code	DSC Panel #, Partition # invalid access code.
		Function Not Available	DSC Panel #, Partition # function not available
		Fail to arm	DSC Panel #, Partition # fail to arm, please contact administrator.
		User Closing	DSC Panel #, Partition # has been armed but one or more zones have been bypassed.
		Panel Battery Trouble	DSC Panel # battery trouble.
		Panel Battery Trouble Restore	DSC Panel # battery trouble restore.
		Panel AC Trouble	DSC Panel # AC trouble.
		System Bell Trouble	DSC Panel # system bell trouble.
		System Bell Trouble Restoral	DSC Panel # system trouble/restore.
		TLM Line 1 Trouble	DSC Panel # TLM line 1 trouble.
		TLM Line 1 Trouble Restored	DSC Panel # TLM line 1 trouble restore.
		TLM Line 2 Trouble	DSC Panel # TLM line 2 trouble.
		TLM Line 2 Trouble Restored	DSC Panel # TLM line 2 trouble restore.
		FTC Trouble	DSC Panel # FTC trouble.
		Buffer Near Full	DSC Panel # buffer near full.
		General Device Low Battery	DSC Panel #, Zone # general device low battery.

Message Type	Object	State Change	Message
		General Device Low Battery Restore	DSC Panel #, Zone # general device low battery restore.
		Wireless Key Low Battery Trouble	DSC Panel # wireless key low battery trouble.
		Wireless Key Low Battery Trouble Restore	DSC Panel # wireless key low battery trouble restore.
		Handheld Keypad Low Battery Trouble	DSC Panel # handheld keypad low battery trouble.
		Handheld Keypad Low Battery Trouble Restore	DSC Panel # handheld keypad low battery trouble restore.
		General System Tamper	DSC Panel # general system tamper.
		General System Tamper Restore	DSC Panel # general system tamper restore.
		Home Automation Trouble	DSC Panel # home automation trouble.
		Home Automation Trouble Restore	DSC Panel # home automation trouble restore.
		Trouble Status	DSC Panel # trouble status open.
		Trouble Status Restore	DSC Panel # trouble status off.
		Fire Trouble Alarm	DSC Panel #fire trouble alarm.
		Fire Trouble Alarm Restore	DSC Panel # fire trouble alarm restore.

Table 2: DSC System Activity and Error Messages

Message Type	Object	State Change	Message
DSC System Activity	Driver	Start	System Activity: DSC PowerSeries Integration driver start on computer #.
		Shut down	System Activity: DSC PowerSeries Integration driver shut down on computer #.
DSC System Error	Driver	Start error	System Error: DSC PowerSeries Integration driver start failed on computer #.
		Shut down error	System Error: DSC PowerSeries Integration driver shut down failed on computer #.