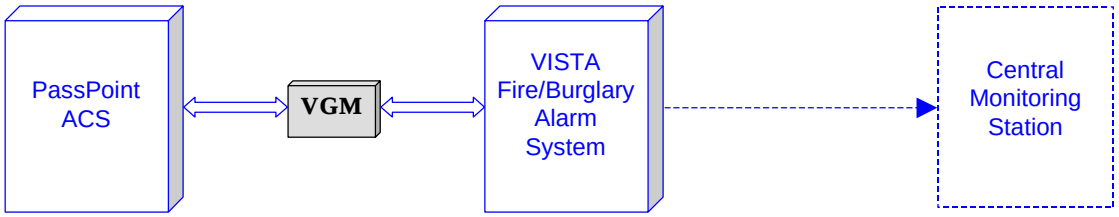
PTVGM
(SA12120)

PassPoint VISTA Gateway Module

Installation, Setup And User Guide



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Conventions Used in This Manual

Before you begin using this manual, it is important that you understand the meaning of the following symbols:

UL

These notes include specific information that must be followed if you are installing this system for a UL Listed application.

A checked note includes information you should be aware of before continuing with the installation, and which, if not observed, could result in operational difficulties.

This symbol warns of conditions that could seriously affect the operation of the system, or cause damage to the system. Please read each warning carefully. This symbol also denotes warnings about physical harm to the user.

PRODUCT MODEL NUMBERS: Unless noted otherwise, references to specific model numbers represent ADEMCO products.

SECTION 1

Introduction

In This Section

- *General Information*
- *VGM Compatibility*
- *VGM as an Interface*

General Information

The VISTA Gateway Module (VGM) provides an interface between the ADEMCO PassPoint Access Control System (PassPoint ACS) and ADEMCO VISTA Fire/Burglary Alarm System (VISTA Control Panel). This document identifies some of the features gained when the systems are interfaced, provides instructions for wiring the interface, provides instructions for configuring the VGM as an interface, and contains instructions for programming and using the interfaced systems.

VGM Compatibility

The VGM is compatible with all PassPoint Access Control Systems that have the proper MLB revision and software version. To determine if your VISTA Fire/Burglary Alarm System is compatible with the VGM, consult your Alarm System Manuals.

The VGM is compatible with PassPoint Express version 1.1 (or higher) or PassPoint Plus version 2.00 (or higher) software and a PassPoint ACS with an MLB revision of 0.98 or higher. If you are not certain of your PassPoint Express version or PassPoint ACS MLB revision, perform the following.

1. **Connect** your PassPoint computer to your PassPoint ACS,
2. Left-click your mouse on the **Help** button.
3. Left-click your mouse on **About** in the submenu. The About PassPoint Express or about PassPoint Plus screen will be displayed.
4. On the About PassPoint Express or PassPoint Plus screen, left-click on the **MLB Info** button and MLB information will be displayed.
5. The MLB revision is listed under MLB Info as **Rev.** and the PassPoint Express Software or PassPoint Plus version is listed on the right half of the About PassPoint Express or About PassPoint Plus screen as **Version.**

Refer to the *PassPoint Express Installation and Setup Guide* (N8949) or the *PassPoint Plus Installation and Setup Guide* (K4879) for additional information on your PassPoint system.

VGM as an Interface

When the VGM is used to link the PassPoint ACS and VISTA Control Panel, the VISTA Control Panel provides a dialer function for the PassPoint ACS. Dialer events are sent through the VGM to the VISTA Control Panel, which actually does the dialing. The VISTA Control Panel supports all of the access control-related Contact ID event codes. In addition, linking these two systems together allows the behavior of each subsystem to change based upon status changes or occurring events. The following lists some of the features that are available when using the VGM to interface between the PassPoint ACS and VISTA Control Panel:

- VISTA Control Panel RF devices, such as RF button remotes, transmitters, wireless keypads, and motion detectors can control access functions.
- The multitude of zones present in the VISTA Control Panel expands the capability of the PassPoint ACS.
- Card users can be programmed to disarm or arm both systems.
- The access point modes of operation (PROTECT, BYPASS, or LOCKED) can be controlled via the VISTA Control Panel keypad.
- A fire alarm detected in the VISTA Control Panel can be programmed via the PassPoint system to cause the access points to be bypassed enabling fire department personnel to enter the building.
- An access grant can be programmed to disarm both the VISTA Control Panel and PassPoint system while turning on the lights.
- An egress grant can be programmed to arm both the VISTA Control Panel and PassPoint system and turn off the lights.
- Systems already installed with a VISTA Control Panel or PassPoint system can easily be upgraded by installing the VGM.

Instructions for wiring, configuring the VGM, programming, and using the combined PassPoint ACS and VISTA Control Panel are contained in Section 2 of this document.

Installing the VGM as an Interface

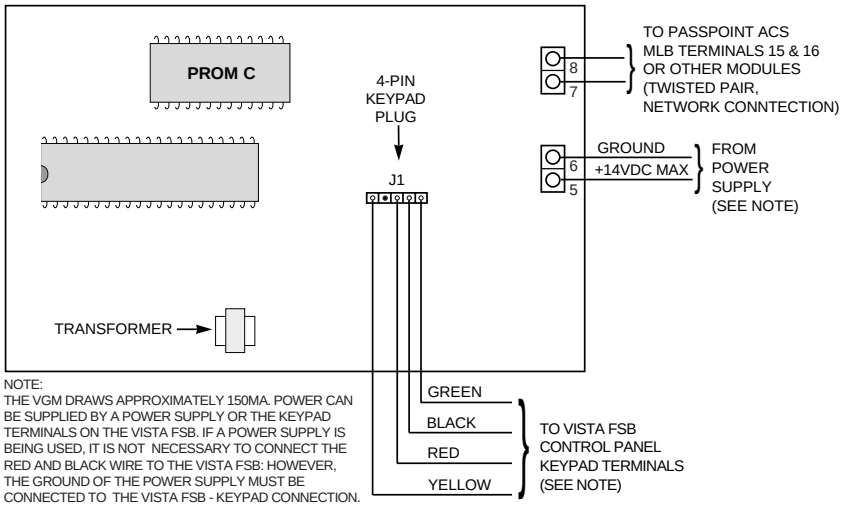
In This Section

- *Wiring VGM to PassPoint ACS and VISTA Control Panel as an Interface*
- *Enrolling/Enabling the VGM*
- *Configuring the VGM*
- *Downloading the Configuration*
- *PassPoint ACS/VISTA Control Panel Event Actions*
- *PassPoint ACS/VISTA Related Events*
- *PassPoint ACS Central Station Reports*
- *Commonly Used Applications*

Wiring VGM to PassPoint ACS and VISTA Panel as an Interface

To use the VGM as an interface between the PassPoint ACS and VISTA Control Panel, wire the VGM to the PassPoint ACS and VISTA Control Panel as shown in the illustration below.

Do not apply power to the system until all cables, including power connections, are attached. Make sure that the component supplying power to the VGM, whether a separate power supply or another module, is not powered while connecting to the VGM. After all connections are complete, power may be applied to the system.



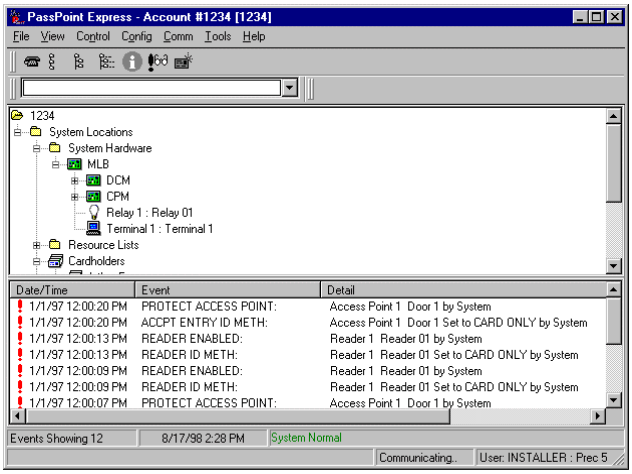
Enrolling/Enabling the VGM

The VGM must be enrolled into the PassPoint ACS and enabled in the VISTA Control Panel to have it perform as a PassPoint ACS/VISTA Interface. The following paragraphs provide instructions for enrolling the VGM into the PassPoint ACS and enabling the VGM in the VISTA Control Panel.

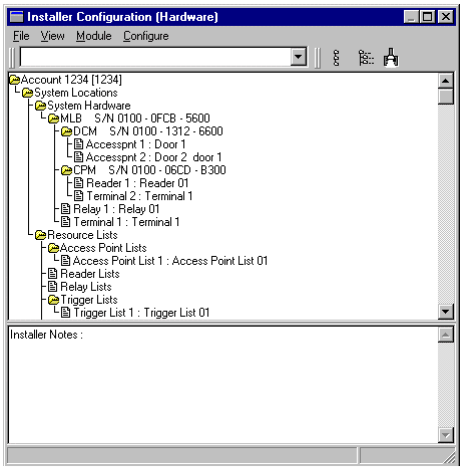
Enrolling the VGM into PassPoint

The VGM must be enrolled into the PassPoint system so the system will know that the VGM is part of the system. To enroll the VGM, proceed as follows:

1. On the PassPoint computer, enter the Installer mode and connect to the PassPoint ACS as defined in the PassPoint manuals. A screen similar to that shown below will be displayed on your PassPoint computer.



2. Select **Config** on the Menu bar.
3. Select **Hardware** from the Config menu list. An Installer Configuration (Hardware) screen similar to that shown below will be displayed.



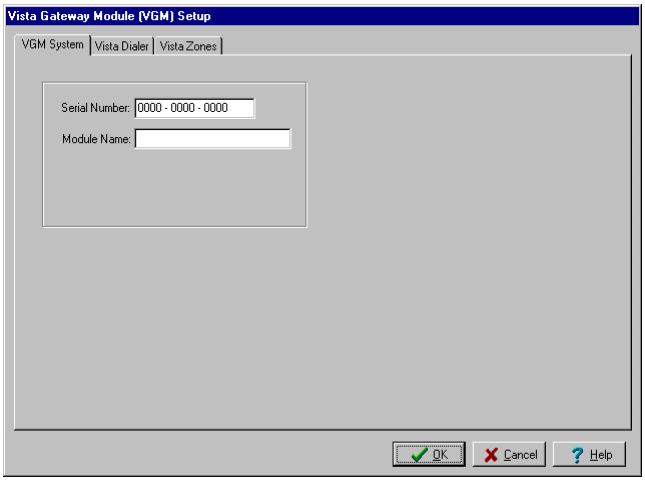
4. Select **Module** from the Installer Configuration menu bar.
5. Select **Add VGM** on the module menu list. The VGM will be added to the System Hardware List in the Resource window of the PassPoint computer. The serial number shown for the VGM will be all zeros.
6. Enter the serial number for the VGM into the PassPoint software. You may enter the serial number in either of 2 ways. If you know the VGM serial number, follow substep A below. If you don't know the VGM serial number or choose to let the PassPoint software determine the VGM serial number, use substep B below.

   A. If you know the VGM serial number:

      (1) Move the cursor to **VGM** in the System Hardware listing and left-click the mouse to select it.

      (2) Right-click the mouse. The following submenu will be displayed:

      (3) Move the cursor to **Properties** on the submenu and right-click the mouse. The VISTA Gateway Module (VGM) Setup screen shown below will be displayed:



(4) Move the cursor to the first position of the Serial Number box on the screen and enter the VGM serial number.

(5) If desired, move to the Module Name box on the screen and enter a name for the VGM.

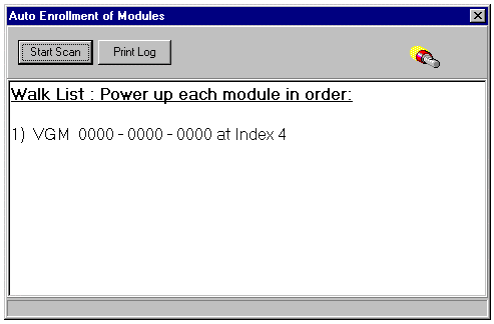
(6) Select the **OK** button. The VGM serial number will be added to the VGM listing in the Installer Configuration (Hardware) screen.

The VGM is now enrolled into the PassPoint software in the computer, but the information has not yet been stored in the MLB of the PassPoint ACS. Downloading the information into the MLB is described later in this section.

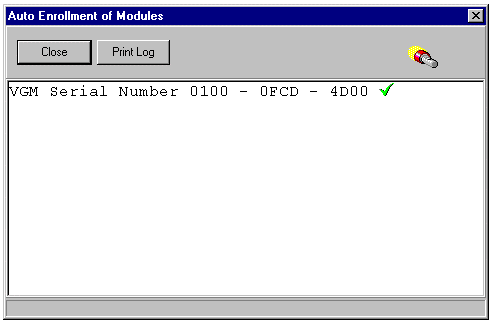
B. To let the PassPoint software determine the VGM Serial Number:

(1) Select **Module** from the Installer Configuration menu bar.

(2) Select **Enroll** on the Module menu list. The following Auto Enrollment of Modules screen will be displayed:



(3) Select the **Start Scan** button on the screen. The PassPoint software will scan the system hardware and determine the VGM serial number. A screen similar to that shown below will be displayed listing the VGM serial number.



(4) Select the **Close** button to end the enrollment of the VGM. The VGM serial number will be added to the VGM listing in the Installer Configuration (Hardware) screen.

The VGM is now enrolled into the PassPoint software in the computer, but the information has not yet been stored in the MLB of the PassPoint ACS. Downloading the information into the MLB is described later in this section.

Enabling the VGM in the VISTA Control Panel

The VGM must be enabled as a connected device in the VISTA Control Panel so the system will recognize that the VGM is part of the system. To enable the VGM, proceed as follows:

1. At the VISTA Control Panel Keypad, enter Device Programming in #93 Menu Mode. *See the VISTA Control Panel manuals for a detailed explanation of Device Programming in #93 Menu Mode.*

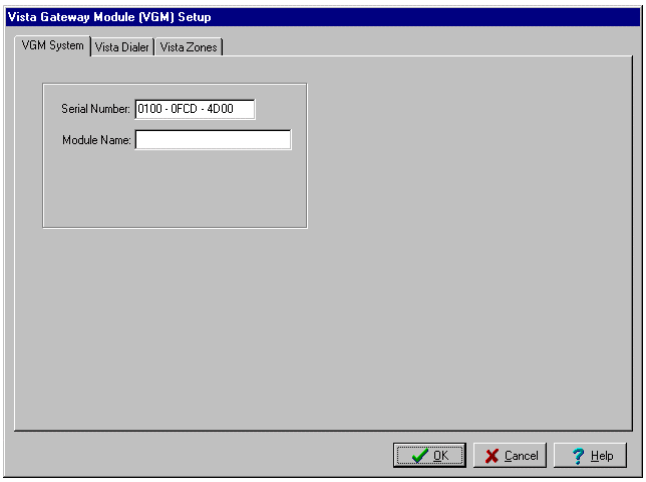
2. When the **ENTER DEVICE ADDRESS** message is displayed on the keypad, enter a 2-digit device address followed by the asterisk (*). The address entered can be any address within the range accepted by the VISTA Control Panel that is not used by any other device. Note the device address entered. This number will be required when the VGM is configured in the PassPoint ACS.
3. The **DEVICE TYPE** message will be displayed on the keypad. Enter **9*** which defines the device type as a VGM.
4. The **VISTA PARTITION ONLY** message will be displayed on the keypad. The partition number defines which VISTA Control Panel (partition) account number will be sent to the 685 receiver whenever a PassPoint ACS dialer message occurs.
5. Exit Device Programming.

Configuring the VGM

The VGM module must be configured after it is enrolled into the PassPoint software. Configuration of the VGM consists of defining Test Report Schedules and setting the VGM to act as an interface and defining controls for PassPoint Zones. To begin the VGM configuration, proceed as follows:

1. At the PassPoint ACS computer, move the cursor to **VGM** in the System Hardware listing and left-click the mouse to select it.
2. Right-click the mouse. The following submenu will be displayed:

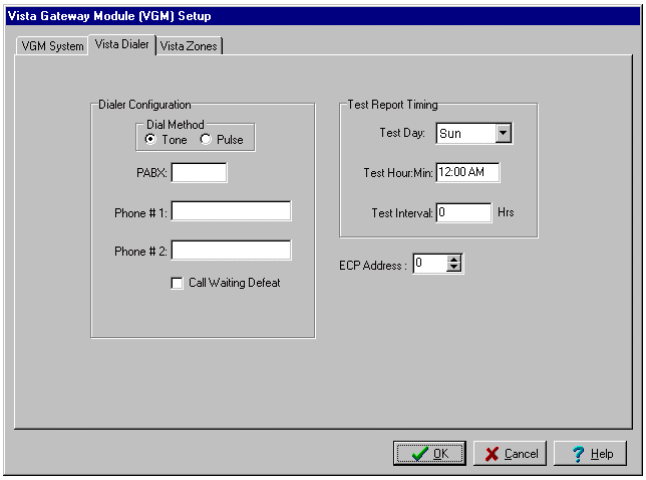
3. Move the cursor to **Properties** on the submenu and right-click the mouse. The VISTA Gateway Module (VGM) Setup screen similar to that shown below will be displayed.



Defining Test Report Schedules and VGM Interface

To configure the Test Report Schedules and define the VGM as an interface between the PassPoint ACS and VISTA Control Panel, proceed as follows:

1. Select the **Vista Dialer** tab on the screen. The Dialer Configuration screen shown below will be displayed:



2. Configure the VGM Test Report Schedules and set the VGM to act as an interface between the PassPoint ACS and VISTA Control Panel by completing the entries on the screen. The subfields on the screen allow definition of the configuration as follows:

   Dialer Configuration - All subfields in this area (Dial Method, PABX, Phone # 1, Phone # 2, and Call Waiting Defeat) may be left blank. Dialing functions will be performed by the VISTA Control Panel.

   Test Report Timing - This field controls when PassPoint test reports are sent to the central station. The following subfields control test report timing:

   Test Day - Select the day of the week to start sending test reports.

   Test Hour:Min - Choose the time of day that is to be used to initiate the test-reporting interval.

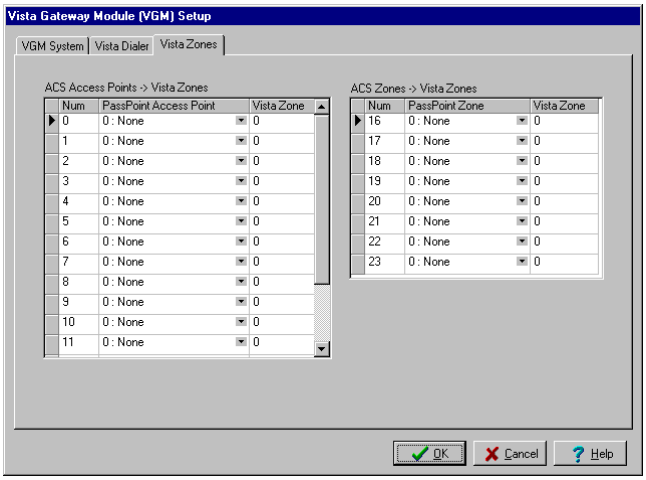
   Test Interval - Enter the number of hours between test reports. Reports will not be generated if this field is set to zero.

   ECP Address - Set this field to match the device address assigned the VGM in the VISTA Control Panel. The device address was assigned in the Enrolling/Enabling the VGM procedures provided previously.

The ECP address must be set to a non-zero value and match the address that was programmed in the VISTA Control Panel.

Defining VISTA Zones

Select the **Vista Zones** tab on the screen. The ACS Access Points to Vista Zones/ACS Zones to Vista Zones Configuration screen shown below will be displayed:



Defining PassPoint ACS Access Points as VISTA Control Panel Zones

The state of up to 16 PassPoint ACS access points can be reported to the VISTA Control Panel where they also can be treated as hardwired VISTA Control Panel zones. This allows a single door contact to be installed, yet allow the PassPoint ACS door logic and a VISTA Control Panel alarm zone to be configured at the door. The Access Point will be mirrored into the VISTA Control Panel without having to run redundant wiring. When programmed, PassPoint ACS access point door open alarms (and door open time alarms), restores, and troubles are transmitted from the PassPoint ACS to the VISTA Control Panel. Note that processing of events on both systems can still happen independently. You can still use event/action relationships on PassPoint ACS for Access Point alarms and restores in addition to causing alarms in the VISTA Control Panel based upon arming modes. Another benefit of doing this is that just as a VISTA Control Panel will prevent arming with zone faults, a bypassed (unlatched) door that is propped open will prevent the VISTA Control Panel from arming as well.

Reports for Access Point status changes are sent to the VISTA Control Panel as listed below:

Status	ACCESS POINT MODE	
	Lock, Protect, and Exit Only	**Bypassed**
Fault	Immediately on Forced Immediately on Door Open Time-out	Immediately on Door Opening
Fault Restore	Immediately when Forced corrects Immediately when Door Open Time-out corrects	Immediately on Door Closing
Trouble	Immediately when it occurs	Immediately when it occurs
Trouble Restore	Immediately when it occurs	Immediately when it occurs

Note that the above chart means that when a card is swiped at a Locked, Protected or Exit Only Access Point or if a door opening is performed within the programmed door timing parameters, the VISTA Control Panel never "sees" a fault and restore. If the door operation results in a door forced alarm or a door open time-out alarm, the VISTA Control Panel is notified of the fault. The zone reporting status for a Bypassed Access Point allows a Bypassed Access Point that is propped open to prevent the VISTA Control Panel from arming due to the fault condition.

Shunted Access Points or ACS Zones will NOT cause Fault, Fault Restore, Trouble, or Trouble Restore status to be sent to the VISTA Control Panel causing a lack of protection.

To configure the VGM to report PassPoint ACS access points as VISTA Control Panel zones, proceed as follows:

The access points being defined must already exist in PassPoint prior to performing the following procedure. Refer to the PassPoint manuals for access point assignment instructions.

1. In the ACS Access Point -> Vista Zones area of the screen, position the cursor on the down (▼) button in the PassPoint Access Point column for the number (0-15) being defined. Left-click the mouse, position the cursor on the desired access point in the list that is displayed and left-click the mouse again.
2. Move the cursor to the Vista Zone area and enter the number of the zone in the VISTA Control Panel that will be assigned to this PassPoint access point.
3. Repeat steps 1 and 2 for each access point (up to 16) that is to be reported to the VISTA Control Panel.
4. Record the PassPoint Num column and corresponding VISTA Control Panel zone number. This information will be required to program the VISTA Control Panel.

At the VISTA Control Panel Keypad:

5. Enter Zone Programming in #93 Menu Mode. *See the VISTA Control Panel manuals for a detailed explanation of Zone Programming in #93 Menu Mode.*
6. Program the first VISTA Control Panel zone that corresponds to the Vista Zone assignment defined in the Vista Zone column of the VGM screen. Indicate the input type as ACS (10).
7. Enter the VGM zone number from the Num column of the VGM screen (0-15).
8. Repeat steps 6 and 7 for each PassPoint zone being reported to the VISTA Control Panel.
9. Exit zone programming.

Defining PassPoint ACS Zones as VISTA Control Panel Zones

In order to obtain the wiring benefits of PassPoint's Echelon Lonworks based network, up to eight sensors that have been hardwired into a PassPoint module's zones can be mapped into the VISTA alarm panel's zones. This allows a protective zone that may be in close proximity to a PassPoint module to be treated as if it were a VISTA Control Panel hardwired zone without having to run redundant wiring. In order to do this, PassPoint needs to be configured to report zone status changes to the VGM on the zones that need to be transferred to the VISTA panel. Zone faults, restores, and troubles will be sent as they occur.

To configure the VGM to report PassPoint ACS zones as VISTA Control Panel zones, proceed as follows:

The zones being defined must already be assigned in the MLB, DCM(s), or ZIM(s) prior to performing the following procedure. Refer to the PassPoint manuals for zone assignment instructions.

Shunted ACS Zones will NOT cause Fault, Fault Restore, Trouble, or Trouble Restore status to be sent to the VISTA Control Panel causing a lack of protection.

UL

Because the VGM is not yet UL Listed, it is not recommended that a PassPoint ACS zone be mapped into a VISTA Control Panel fire zone.

1. In the ACS Zones -> Vista Zones area of the screen, position the cursor on the down (▼) button in the PassPoint Zone column for the number (16-23) being defined. Left-click the mouse, position the cursor on the desired zone in the list that is displayed and left-click the mouse again.

2. Move the cursor to the Vista Zone area and enter the number of the zone in the VISTA Control Panel that will be assigned to this PassPoint Zone.

The Vista Zone number must be a non-zero value for a properly mapped zone.

3. Repeat steps 1 and 2 for each zone (up to 8) that is to be reported to the VISTA Control Panel.
4. Record the PassPoint Num column and corresponding VISTA Control Panel zone number. This information will be required to program the VISTA Control Panel.

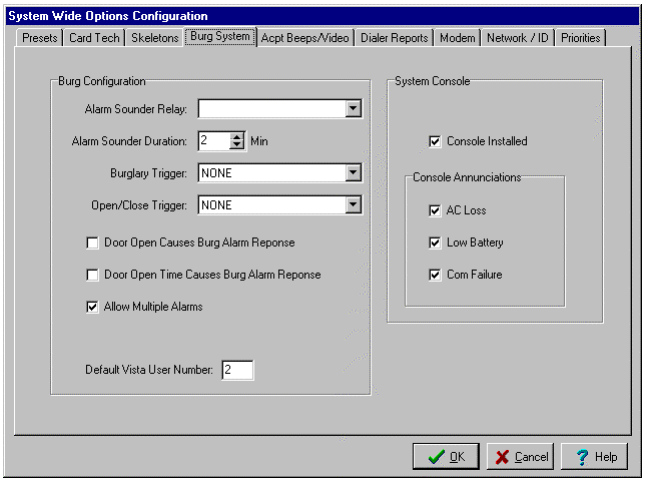
At the VISTA Control Panel Keypad:

5. Enter Zone Programming in #93 Menu Mode. *See the VISTA Control Panel manuals for a detailed explanation of Zone Programming in #93 Menu Mode.*
6. Program the first VISTA Control Panel zone that corresponds to the VISTA Zone assignment defined in the Vista Zone column of the VGM screen. Indicate the input type as ACS (10).
7. Enter the VGM zone number from the Num column of the VGM screen (16-23).
8. Repeat steps 6 and 7 for each PassPoint zone being reported to the VISTA Control Panel.
9. Exit zone programming.

Defining the Default VISTA Control Panel User Number

All actions on a PassPoint ACS connected to a VISTA Control Panel get logged to the VISTA Control Panel event history log. Since all actions are logged, any action that the PassPoint ACS system initiates on the VISTA Control Panel needs to map to a VISTA Control Panel user number. The default VISTA user number defined in this field will be associated with any VISTA action that is induced by the PassPoint ACS system. To define the default VISTA Control Panel user number, proceed as follows:

1. Select **Configure** from the Installer Configuration menu bar.
2. Select **System Wide Options** from the Configure menu list and the system wide options configuration screen will be displayed.
3. Select the **Burg System** tab and a screen similar to that shown below will be displayed.



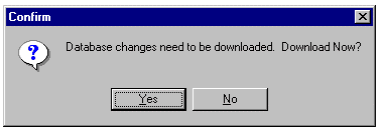
4. The Default Vista User Number field will display a number 2 (default value) if the field has never been modified. The number 2 may be left if it is acceptable or a new number may be entered if desired. When the desired Default Vista User Number is being displayed, click on the **OK** button.

The User Number defined in this screen must be enabled in the VISTA Control Panel for access to the System/Partition/Zone the PassPoint ACS is reporting to. Additionally, if using the PassPoint ACS to open or close a VISTA Control Panel partition, the User must have open/close capability in the VISTA Control Panel.

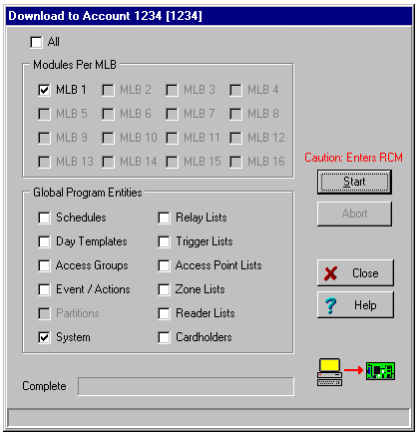
Downloading the Configuration

After the VGM has been enrolled in the computer, test report schedules defined, PassPoint zones defined, and the VGM has be configured to operate as an interface, this information must be downloaded into the PassPoint ACS MLB. To download the VGM information into the MLB proceed as follows.

1. Close the Installer Configuration (Hardware) screen on the computer. The following message about downloading will be displayed:



2. Select the **Yes** button. The Download to Account screen similar to that shown below will be displayed.



3. Select the **Start** button. The changes made in the computer to enroll the VGM, test report definitions, PassPoint zone definitions, and VGM interface definition will be downloaded in the PassPoint ACS MLB. When the download is complete, the software will reset the PassPoint ACS. After the reset, the system will automatically revert to the Ready state.

PassPoint ACS/VISTA Control Panel Event Actions

Triggers (events) can be initiated within the PassPoint ACS and sent via the VGM to initiate an action in the VISTA Control Panel. Similarly, triggers can be initiated within the VISTA Control Panel and sent via the VGM to cause an action in the PassPoint ACS. Refer to the PassPoint ACS and VISTA Control Panel manuals for instructions on programming event/actions.

The following action commands can be sent from the VISTA Control Panel to the PassPoint ACS where the commands are received as Events.

Upon Vista Burg Sys Arming Away
Upon Vista Burg Sys Arming Stay
Upon Vista Burg Sys Arming Maximum
Upon Vista Burg Sys Arming Instant
Upon Vista Burg Sys Disarming
Upon Vista Burg Alarm in Ptn
Upon Vista Burg Alarm Rest in Ptn
Upon Vista Fire Alarm in Ptn
Upon Vista Fire Alarm Rest in Ptn
Upon Vista Panic/Duress Alarm in Ptn
Upon Vista Panic/Duress Al Rest in Ptn
Upon Vista Burg Sys Low Battery
Upon Vista Burg Sys Low Bat Restore
Upon Vista Burg Sys AC Loss
Upon Vista Burg Sys AC Restore
Upon Vista Dialer Comm Fail
Upon Vista Dialer Comm Restore
Upon Vista Connection Failure
Upon Vista Connection Restore

The following action commands can be sent from the PassPoint ACS to the VISTA Control Panel where the commands are received as Events.

Arm Vista Ptn Away
Arm Vista Ptn Stay
Disarm Vista Ptn
Force Arm Vista Ptn Away
Force Arm Vista Ptn Stay
Auto Bypass Vista Zone List
Auto Protect Vista Zone List
Enable Vista Ptn Opening
Disable Vista Ptn Opening
Enable Vista Ptn Closing
Disable Vista Ptn Closing
Enable Vista Access Wind
Disable Vista Access Wind
Vista Relay On
Vista Relay Off
Vista Relay Pulse
Vista Relay Pulse XX Min
Vista Relay Pulse YY Sec
Vista Relay Grp On
Vista Relay Grp Off
Vista Relay Grp Pulse
Vista Relay Grp Pulse XX Min
Vista Relay Grp Pulse YY Sec

PassPoint ACS/VISTA Control Panel Related Events

Table 2-1 lists events that will only occur and be displayed in the PassPoint ACS event window if a VISTA Control Panel has been connected to the PassPoint ACS through a VGM Module.

Table 2-1. PassPoint ACS/VISTA Control Panel Related Events

Event	Cause	Default Priority	Logged
ZONE FAULT TO VISTA:	This event indicates that a Zone fault was reported to a connected VISTA Control Panel.	0	No
ZONE REST TO VISTA:	This event indicates that a Zone restore was reported to a connected VISTA Control Panel .	0	No
ZONE TRBL TO VISTA:	This event indicates that a Zone trouble was reported to a connected VISTA Control Panel.	0	No
ACCPT FAULT TO VISTA:	This event indicates that an Access Point Door Status Monitor Zone fault was reported to a connected VISTA Control Panel.	0	No
ACCPT REST TO VISTA:	This event indicates that an Access Point Door Status Monitor Zone restore was reported to a connected VISTA Control Panel.	0	No
ACCPT TRBL TO VISTA:	This event indicates that an Access Point Door Status Monitor Zone trouble was reported to a connected VISTA Control Panel.	0	No
REQUEST VISTA STATUS:	This event indicates that the Access Control System has requested status information from a connected VISTA Control Panel.	0	No
VISTA BURG ALARM:	This event indicates that a burglary alarm condition has occurred in the given VISTA Control Panel Burglary Partition.	3	Yes
VISTA BURG ALARM REST:	This event indicates that a burglary alarm condition has restored (cleared) in the given VISTA Control Panel Burglary Partition.	3	Yes
VISTA FIRE ALARM:	This event indicates that a fire alarm condition has occurred in the given VISTA Control Panel Partition.	3	Yes
VISTA FIRE ALARM REST:	This event indicates that a fire alarm condition has restored (cleared) in the given VISTA Control Panel Partition.	3	Yes

Event	Cause	Default Priority	Logged
VISTA PANIC/DURESS ALRM:	This event indicates that a panic or duress alarm condition has occurred in the given VISTA Control Panel Burglary Partition.	4	Yes
VISTA PNC/DUR AL REST:	This event indicates that a panic or duress alarm condition has restored (cleared) in the given VISTA Control Panel Burglary Partition.	4	Yes
VISTA ARMED AWAY:	This event indicates that the given VISTA Control Panel Alarm Partition was Armed Away.	3	Yes
VISTA ARMED STAY:	This event indicates that the given VISTA Control Panel Alarm Partition was Armed Stay.	3	Yes
VISTA ARMED MAXIMUM:	This event indicates that the given VISTA Control Panel Alarm Partition was Armed Maximum.	3	Yes
VISTA ARMED INSTANT:	This event indicates that the given VISTA Control Panel Alarm Partition was Armed Instant.	3	Yes
VISTA DISARMED:	This event indicates that the given VISTA Control Panel Alarm Partition was Disarmed.	3	Yes
VISTA LOW BATTERY:	This event indicates that the VISTA Control Panel connected to the Access Control System is experiencing a Low Battery condition.	2	Yes
VISTA LOW BATT REST:	This event indicates that the VISTA Control Panel's Low Battery condition has restored and that its battery is charged.	2	Yes
VISTA AC PWR LOSS:	This event indicates that the VISTA Control Panel connected to the Access Control System has lost its AC line voltage.	2	Yes
VISTA AC PWR RESTORE:	This event indicates that the VISTA Control Panel's AC line voltage has been turned back on.	2	Yes
VISTA DLR COMM FAIL:	This event indicates that the VISTA Control Panel's central station communicator (dialer) has not been able to reach the central station.	2	Yes
VISTA DLR COMM REST:	This event indicates that the VISTA Control Panel's central station communicator (dialer) has been able to reach the central station after a period of failure.	2	Yes
VISTA CMD TO UNKN ACCPT:	This event indicates that the VISTA Control Panel has attempted to control an Access Point that is invalid. This event may occur if the VISTA Control Panel's User Code or keypad programming that maps to the Access Point is invalid.	2	Yes
ACCESS REQ FR UNKN VUSR:	This event indicates that the VISTA Control Panel has requested access using a VISTA Control Panel User number that was unknown to the Access Control System. This can occur if the cardholder database in the Access Control System does not contain an entry indicating this VISTA Control Panel User Number.	2	Yes
EGRESS REQ FR UNKN VUSR:	This event indicates that the VISTA Control Panel has requested egress using a VISTA Control Panel User number that was unknown to the Access Control System. This can occur if the cardholder database in the Access Control System does not contain an entry indicating this VISTA Control Panel User Number.	2	Yes
VISTA CONNECTION FAIL:	This event indicates that the Access Control System can not communicate with its VISTA Control Panel.	2	Yes

Event	Cause	Default Priority	Logged
VISTA CONNECTION REST:	This event indicates that the Access Control System can once again communicate with its VISTA Control Panel after a period of communication failure.	2	Yes
BYP VISTA ZONE LIST:	This event occurs when the Access Control System instructs the VISTA Control Panel to bypass a VISTA Control Panel Zone List.	1	Yes
PROTECT VISTA ZONE LIST:	This event occurs when the Access Control System instructs the VISTA Control Panel to protect a VISTA Control Panel Zone List.	1	Yes
VISTA PART OPEN ENABLE:	This event occurs when the Access Control System instructs the VISTA Control Panel to enable openings (disarm operations) within the indicated VISTA Control Panel Burglary Partition.	1	Yes
VISTA PART OPEN DISABLE:	This event occurs when the Access Control System instructs the VISTA Control Panel to disable openings (disarm operations) within the indicated VISTA Control Panel Burglary Partition.	1	Yes
VISTA PART CLOSE ENABLE:	This event occurs when the Access Control System instructs the VISTA Control Panel to enable closings (arming operations) within the indicated VISTA Control Panel Burglary Partition.	1	Yes
VISTA PART CLOSE DISABLE:	This event occurs when the Access Control System instructs the VISTA Control Panel to disable closings (arming operations) within the indicated VISTA Control Panel Burglary Partition.	1	Yes
VISTA ACCESS GRP ENABLE:	This event occurs when the Access Control System instructs the VISTA Control Panel to enable a VISTA Control Panel Access Group.	1	Yes
VISTA ACCESS GRP DISABLE:	This event occurs when the Access Control System instructs the VISTA Control Panel to disable a VISTA Control Panel Access Group.	1	Yes
VISTA RELAY ON:	This event indicates that the Access Control System has instructed the VISTA Control Panel to turn on one of the VISTA Control Panel Output Relays.	1	Yes
VISTA RELAY OFF:	This event indicates that the Access Control System has instructed the VISTA Control Panel to turn on one of the VISTA Control Panel Output Relays.	1	Yes
VISTA RELAY PULSE:	This event indicates that the Access Control System has instructed the VISTA Control Panel to pulse one of the VISTA Control Panel Output Relays.	1	Yes
VISTA RELAY PULSE XXMIN:	This event indicates that the Access Control System has instructed the VISTA Control Panel to pulse one of the VISTA Control Panel Output Relays for the duration specified by the XX minute timer as specified by the VISTA Control Panel's programming options.	1	Yes
VISTA RELAY PULSE YYSEC:	This event indicates that the Access Control System has instructed the VISTA Control Panel to pulse one of the VISTA Control Panel Output Relays for the duration specified by the YY seconds timer as specified by the VISTA Control Panel's programming options.	1	Yes

Event	Cause	Default Priority	Logged
VISTA RELAY GRP ON:	This event indicates that the Access Control System has instructed the VISTA Control Panel to turn on one of the VISTA Control Panel Output Relay Groups.	1	Yes
VISTA RELAY GRP OFF:	This event indicates that the Access Control System has instructed the VISTA Control Panel to turn on one of the VISTA Control Panel Output Relay Groups.	1	Yes
VISTA RELAY GRP PULSE:	This event indicates that the Access Control System has instructed the VISTA Control Panel to pulse one of the VISTA Control Panel Output Relay Groups.	1	Yes
VISTA RLY GRP PULSE XXM:	This event indicates that the Access Control System has instructed the VISTA Control Panel to pulse one of the VISTA Control Panel Output Relay Groups for the duration specified by the XX minute timer as specified by the VISTA Control Panel's programming options.	1	Yes
VISTA RLY GRP PULSE YYS:	This event indicates that the Access Control System has instructed the VISTA Control Panel to pulse one of the VISTA Control Panel Output Relay Groups for the duration specified by the YY seconds timer as specified by the VISTA Control Panel Panel's programming options.	1	Yes
VISTA TEST START:	This event occurs when the VISTA Alarm Panel enters a test mode. Normal operation of the VISTA alarm functions may be interrupted.	3	Yes
VISTA TEST END:	This event occurs when the VISTA Alarm Panel exits all test modes.	3	Yes
VISTA PROG START:	This event occurs when the VISTA Alarm Panel enters programming mode. Normal operation of the VISTA alarm functions may be interrupted.	3	Yes
VISTA PROG END:	This event occurs when the VISTA Alarm Panel exits programming mode.	3	Yes
VISTA MDM DLD START:	This event occurs when the VISTA Alarm Panel enters modem downloading mode. Normal operation of the VISTA alarm functions may be interrupted.	3	Yes
VISTA MDM DLD END:	This event occurs when the VISTA Alarm Panel exits modem downloading mode.	3	Yes
VISTA RESET:	This event occurs when the VISTA Alarm Panel resets. Normal operation of the VISTA alarm functions may have been interrupted and may still occur for a short period of time while the panel restarts.	3	Yes

PassPoint ACS Central Station Reports

The procedures in this section have configured the PassPoint ACS and enrolled the VGM as an interface. With these procedures completed, the PassPoint ACS will send test reports to the central station at the intervals defined using the VISTA Control Panel as a dialer. The PassPoint ACS will also initiate a call via the VISTA Control Panel to the central station and report any of the events listed in Appendix A of this manual except those modified in the Modifying PassPoint Events Reported to Central Station paragraph that follows.

In the reports sent, a 3-digit point number will follow the Event Code where applicable. The 3-digit number defines the actual resource for which the event code pertains. These 3-digit point numbers are divided into the groups listed below. Additionally, when reporting using the Contact ID format, the ACS will report as partition 9.

3-Digit Group	Definition
000	Unknown or Out Of Range VISTA Control Panel Zone
001-199	VISTA Control Panel zones 1 through 199
200	Unknown or Out of Range ACS Zone
201-399	ACS Uncommitted Zones 1 through 199
400	Unknown or out of Range ACS Uncommitted Reader
401-449	ACS Uncommitted Readers 1 through 49
450	Unknown or Out of Range ACS Access Point (Door)
451-600	Access Points 1 through 150
601-649	VISTA Control Panel Relays 1 through 49
650	Unknown or Out of Range ACS Uncommitted Trigger
651-699	ACS Uncommitted Triggers 1 through 49
700	Unknown or Out of Range ACS Uncommitted Relay
701-799	ACS Uncommitted Relays 1 through 99
800-849	VISTA Control Panel Modules
850	Unknown or Out of Range ACS Module
851-899	ACS Module 1 through 39
890	Unknown or Out of Range ACS RS232 Communications Port
891-899	ACS RS232 Communications Ports 1 through 9

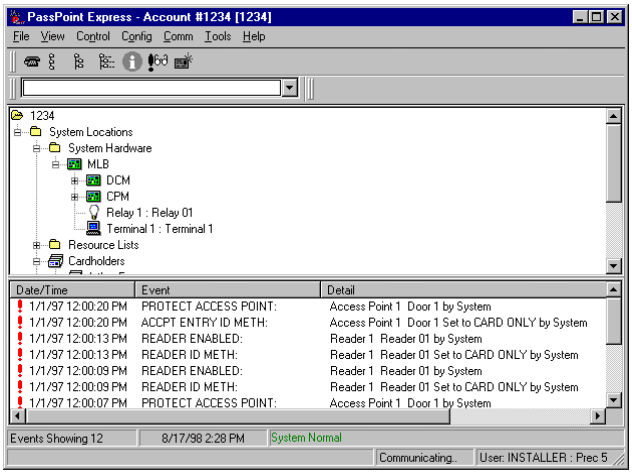
The manner in which these group numbers are used is that the actual resource number is added to the group base number to obtain the point number that is reported. For example, if the event is in ACS Zone 5, 200 is added to 5 and the point number reported is 205. As an additional example, if the event is for ACS Reader number 10, 400 is added to 10 and the point number reported is 410.

Some event codes are new, as are the 3-digit point codes. As such, the text message displayed by the VISTA Control Panel Event Log Reporter, VISTA Control Panel Event Log Printer, VISTA Control Panel Pager, or Central Station may not match the text message displayed in the ACS computer Event Window.

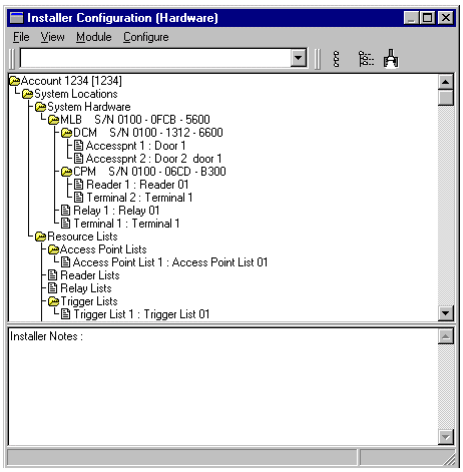
Modifying PassPoint Events Reported to Central Station

The PassPoint Events that are defaulted to report to the central station can be modified by the Installer. To delete (or enable reported events previously deleted), proceed as follows:

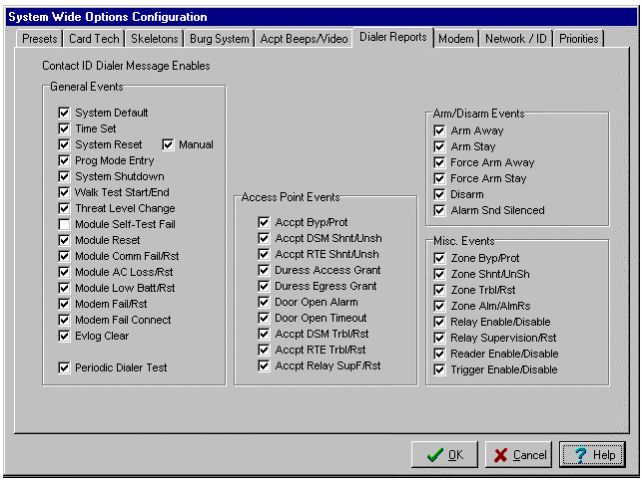
1. On the PassPoint computer, enter the Installer mode and connect to the PassPoint ACS as defined in the PassPoint manuals. A screen similar to that shown below will be displayed on your PassPoint computer.



2. Select **Config** on the Menu bar.
3. Select **Hardware** from the Config menu list. An Installer Configuration (Hardware) screen similar to that shown below will be displayed.



4. Select **Configure** from the Installer Configuration menu bar.
5. Select **System Wide Options** from the Configure menu list and the system wide options configuration screen will be displayed.
6. Select the **Dialer Reports** tab and a screen similar to that shown below will be displayed.



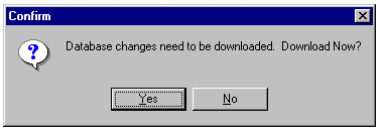
7. PassPoint Events that are reported to the central station are indicated by a check mark. To disable or enable an event, position the cursor on the check mark or item name and left-click the mouse. When all desired items have been modified, click on the **OK** button. The system wide options screen will be closed. The changes must now be downloaded.

If an event is checked but the priority of the event is set to zero, a report will not be sent.

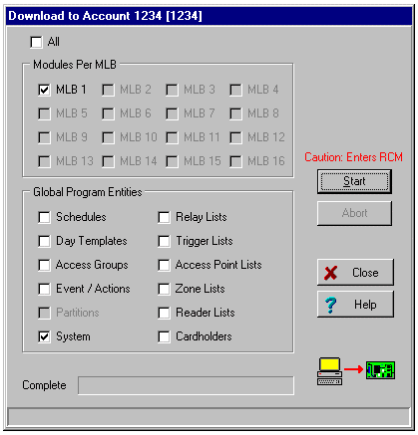
Downloading the PassPoint Events Reported to Central Station Changes

After the PassPoint Events that are reported to the central station have been modified, this information must be downloaded into the PassPoint ACS MLB. To download the event information into the MLB proceed as follows.

1. Close the Installer Configuration (Hardware) screen on the computer. The following message about downloading will be displayed:



2. Select the **Yes** button. The Download to Account screen similar to that shown below will be displayed.



3. Select the **Start** button. The changes made in the computer for event reporting will be downloaded into the PassPoint ACS MLB. When the download is complete, the software will reset the PassPoint ACS. After the reset, the system will automatically revert to the Ready state.

Commonly Used Applications

The following paragraphs contain instructions for setting up and using some applications. Note that these paragraphs do not provide all possible applications, but do provide a variety of the common ones.

Most of the following applications may be set up and used by the system user. Where an application must be set up by the system installer, it will be noted.

Controlling Access Points with VISTA Control Panel Keypads & RF Transmitters

VISTA Control Panel alpha keypads and/or RF button type transmitters may be used to control access points. To use keypads and/or RF button type transmitters to control access points, perform the procedures below for the device(s) desired.

Controlling an Access Point with a VISTA Control Panel Keypad

A VISTA alpha keypad can be used to request access or egress through a PassPoint access point. In addition, the VISTA keypad can be used to change the operational mode of an access point, placing the access point in the bypassed or protected modes.

ASSIGNING THE VISTA KEYPAD TO A PASSPOINT ACCESS POINT

Assigning the VISTA keypad to a PassPoint access point can only be performed by the system installer. Once assigned, the application is available to the user of the system.

When a VISTA Keypad is assigned to a PassPoint Access Point, a keypad entry of CODE+#73 will automatically perform an access or egress request at the associated Access Point.

1. Enter the ZONE PROGRAMMING section in the #93 Menu Mode on the VISTA Control Panel.
2. Select a zone to "attach" to the VISTA keypad.
3. Program this zone with a zone response type 27 (ACCESS POINT).
4. Enter the access point ID number of the access point to be controlled by this keypad. Note: The access point ID number can be found in the PassPoint VGM properties in the PassPoint VISTA Zones tab. First find the access point and then read the value in the NUM column. This is the number that gets entered as the access point ID number. For example, if the NUM column entry shows 0, enter a 0 in this field.
5. Indicate if this is going to be an Entry (0) or Exit (1) request.
6. Enter the partition number.
7. Enter the input type as 09 (CS or Console).
8. Enter the keypad ECP device address.

USING THE VISTA KEYPAD TO CONTROL A PASSPOINT ACCESS POINT

The VISTA Keypad may be used to control an access point as follows:

1. Entering **CODE+#73** on a keypad will request access to the access point that is assigned to that keypad

   Note that user number whose code is used must be assigned to a PassPoint Access Card in the PassPoint card deck. For example, if code "3219" is assigned to VISTA user number 11, eleven must be entered into the PassPoint card screen in the VISTA User field. Entering VISTA user numbers that are not represented by an Access Card in the PassPoint card deck will not result in an Access Grant or Egress Grant. Instead, an Access (or Egress) Grant from Unknown VISTA User event will be logged in PassPoint, indicating the VISTA user number that attempted access or egress.
2. Entering **CODE+#74+<access_point>*+<entry(0)/exit(1)>*** on the keypad will request access of the access point entered.

Using #74 allows the VISTA user to select an Access Point that differs from the Access Point that is assigned to that Keypad. Note that user number whose code is used must be assigned to a PassPoint Access Card in the PassPoint card deck. For example, if code "3219" is assigned to VISTA user number 11, eleven must be entered into the PassPoint card screen in the VISTA User field. Entering VISTA user numbers that are not represented by an Access Card in the PassPoint card deck will not result in an Access Grant or Egress Grant. Instead, an Access (or Egress) Grant from Unknown VISTA User event will be logged in PassPoint, indicating the VISTA user number that attempted access or egress.

3. Entering **CODE**+**#75**+**<access_point>*1*** will perform a Manual Access Grant at the access point specified.

   The VISTA user number whose code is entered for this command does not need to be entered in the PassPoint card deck as a VISTA user number. A Manual Access Grant from the associated VISTA user number will be logged by PassPoint.

4. Entering **CODE**+**#75**+**<access_point>*2*** will put the specified access point in the Protect mode.

   When in the Protect mode, an Access Point requires card &/or PIN entries or VISTA requests in order to allow access or egress. The VISTA user number whose code is entered for this command does not need to be entered in the PassPoint card deck as a VISTA user number. An Access Point Protect from the associated VISTA user number will be logged by PassPoint.

5. Entering **CODE**+**#75**+**<access_point>*3*** will put the specified access point in the Bypass mode.

   When in the Bypass mode, the door of the Access Point is unlatched and people can enter or exit freely though the door. The VISTA user number whose code is entered for this command does not need to be entered in the PassPoint card deck as a VISTA user number. An Access Point Bypass from the associated VISTA user number will be logged by PassPoint.

Controlling 2 Access Points with 2 VISTA Control Panel Keypads

The system has capabilities of using 2 VISTA alpha keypads to request access through 2 different PassPoint access points. When 2 VISTA Keypads are assigned to 2 different PassPoint Access Points, a keypad entry of CODE+#73 will automatically perform an access request at the Access Point associated with the keypad.

ASSIGNING 2 VISTA KEYPADS TO 2 PASSPOINT ACCESS POINTS

Assigning the 2 VISTA keypads to 2 PassPoint access points can only be performed by the system installer. Once assigned, the application is available to the user of the system.

Program each keypad as described in the Assigning the VISTA Keypad to a PassPoint Access Point paragraphs above assigning one keypad to ECP address #1 and the second keypad to ECP address # 2.

USING THE VISTA KEYPADS TO OBTAIN ACCESS TO PASSPOINT ACCESS POINTS

Entering **CODE+#73** on the keypad will request access to the access point that is assigned to that keypad

Note that user number whose code is used must be assigned to a PassPoint Access Card in the PassPoint card deck. For example, if code "3219" is assigned to VISTA user number 11, eleven must be entered into the PassPoint card screen in the VISTA User field. Entering VISTA user numbers that are not represented by an Access Card in the PassPoint card deck will not result in an Access Grant or Egress Grant. Instead, an Access (or Egress) Grant from Unknown VISTA User event will be logged in PassPoint, indicating the VISTA user number that attempted access or egress.

Controlling Access Point with Wireless Keypads

Wireless keypads (5827 & 5827BD) can provide another way of entering the premise. They function the same as the alpha keypads, except when the **CODE+#73** is entered. When **CODE+#73** is entered, it will allow access to ALL access points in the partition the keypad is assigned.

PROGRAMMING WIRELESS KEYPADS TO CONTROL ACCESS POINTS

Programming wireless keypads to control access points can only be performed by the system installer. Once assigned, the application is available to the user of the system.

To program the VISTA Control Panel for wireless keypad control of access points, observe the following

1. Enter the Program Mode on the VISTA Control Panel.
2. Enter the partition the keypad is assigned to in the "Wireless Keypad Assignment" field.

Controlling Access Point with an RF Transmitter Zone

VISTA 5800 wireless devices can be employed in order to enhance the VISTA Control Panel /PassPoint ACS systems. These devices may be used as follows:

- An RF button type transmitter (5804) can be used to provide access at up to 4 doors. Each button can be used to request access or egress through a specified access point. In this manner, a 5804 can be used instead of an access card and access control card reader at an access point.

- The smoke detector (5808) can be used to provide egress in emergency situations. Create an Event/Action that sets the appropriate doors in the Bypass mode upon a Fire Alarm in the desired partition.

UL Using the smoke detector to provide emergency egress is not a UL listed feature.

PROGRAMMING AN RF TRANSMITTER ZONE TO CONTROL AN ACCESS POINT

Programming an RF transmitter zone to control an access point can only be performed by the system installer.

When an RF button type transmitter (5804) is assigned to a PassPoint Access Point, a fault on that zone will automatically perform an access or egress request at the associated access point. To program the VISTA Control Panel so that an RF button type transmitter (5804) zone will control an access point, observe the following

1. Enter the ZONE PROGRAMMING section in the #93 Menu Mode on the VISTA Control Panel.
2. Select a zone to assign to the RF transmitter.
3. Program this zone with a zone response type 27 (ACCESS POINT).
4. Enter the access point ID number of the access point to be controlled by this keypad. Note: The access point ID number can be found in the PassPoint VGM properties in the PassPoint VISTA Zones tab. First find the access point and then read the value in the NUM column. This is the number that gets entered as the access point ID number. For example, if the NUM column entry shows 0, enter a 0 in this field.
5. Indicate if this is going to be an Entry (0) or Exit (1) request.
6. Enter the partition number.
7. Enter the input type as 05 (button RF).
8. Enroll the RF transmitter serial number.
9. If enrolling a button type RF transmitter, repeat steps 1 though 8 for each button on the transmitter.

10. Enter the partition the keypad is assigned to in the “Wireless Keypad Assignment” field.

    NOTE: For an RF button type transmitter, after exiting the programming mode, you must select a user code for the RF button. This is done by entering code+8+uuu+rf_user_code. The console will query if the user has an RF button. Answer YES and then enter the zone number in which one of the RF buttons was “attached” to. This “attaches” a VISTA user number to this RF button. Make sure there is a cardholder in the PassPoint database with this same VISTA user number so that PassPoint will grant this RF button access.

Assigning VISTA Control Panel Relays to Access Points

Assigning VISTA Control Panel relays to access points can only be performed by the system installer.

A relay can be assigned to an access point so that it can be energized when the VISTA Control Panel requests access or egress through an Access Point.

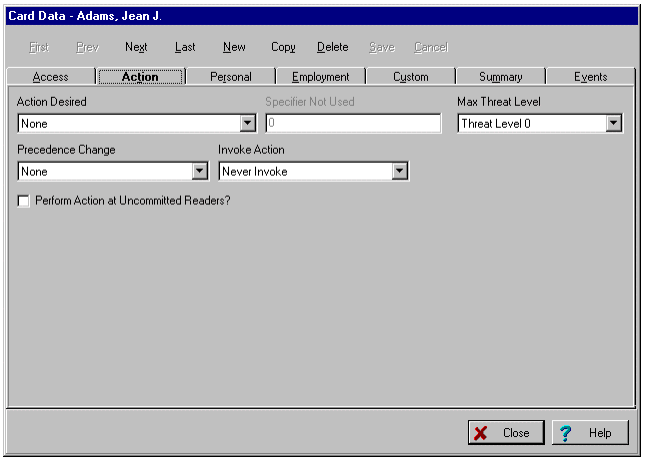
1. Enter Relay Programming on the VISTA Control Panel.
2. At the “ENTER RELAY NO.” prompt, enter a number for the relay.
3. At the “RELAY ACTION” prompt, select the desired action (. i.e. close for 2 secs, stay closed, toggle)
4. At the “START EVENT” prompt, select not used.
5. At the “START: ZN LIST” prompt, enter 0 for no list.
6. At the “START: ZN TYPE” prompt, enter 27 for access point.
7. At the “START: ACS PT” prompt, enter the number of the access point number that will start the relay action. An access or egress grant request from an access point device (RF button or keypad) will energize the relay.
8. At the “START PART” prompt, enter the partition number in which the event will occur.
9. At the “STOP: ZN LIST” prompt, enter 0 for no list.
10. At the “STOP: ZN TYPE” prompt, enter 0 for no response. Note that if a 27 (ACCESS POINT) were entered here, then an access or egress grant request from the STOP Access Point would de-energize the relay.
11. At the “STOP PART” prompt, enter 0.
12. At the “RELAY GROUP” prompt, enter a group number if applicable to the VISTA Control Panel site.

13. At the “FIRE BELL?” prompt, enter 1 or 0. (Refer to your VISTA Control Panel manuals).
14. At the “RESTRICTION” prompt, enter 1 or 0. (Refer to your VISTA Control Panel manuals).
15. At the “RELAY TYPE” prompt, enter 1.
16. Exit Relay Programming.

Arm VISTA Control Panel Partition on Access Point Card Swipe

The PassPoint ACS can be configured to arm a VISTA Control Panel partition on an access point card swipe. Limiting who can arm a VISTA Control Panel partition can be used in conjunction with the “Vista Partition Armed Away Restriction” field of PassPoint Access Groups. Set the appropriate partitions as restricted while Armed Away, so that cardholders in a group that does not have arming capability will be denied when attempting to enter (or leave) an armed area, thus preventing false alarms.

1. In the card database of the PassPoint ACS, enroll a card or select an existing card that is to be assigned as a VISTA user. (Refer to the PassPoint ACS manuals.)
2. Select the **Action** tab for this card. A screen similar to the following will be displayed.



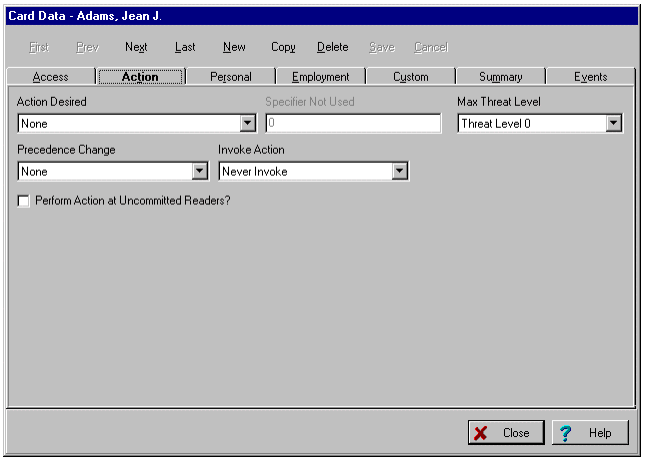
3. In the Action Desired field, select “Arm Vista Ptn Away”.
4. In the Specifier = Vista Ptn # field, enter the VISTA Control Panel partition to be armed.
5. In the Invoke Action field, select “Egress Grant” as the action that will cause the partition to be armed.

6. Select the **Access** tab and enter the default VISTA user number in the VISTA User # field. This is needed since the PassPoint system maps all VISTA Control Panel users to the default VISTA user number when commanding the VISTA Control Panel to arm or disarm. (The default VISTA user number can be found in the System Wide Options, Burg System tab.)
7. Check that the default VISTA user number is valid in the VISTA Control Panel for the partition that is being armed.

Disarm VISTA Control Panel Partition on Access Point Card Swipe

The PassPoint ACS can be configured to disarm a VISTA Control Panel partition on an access point card swipe. Limiting who can disarm a VISTA Control Panel partition can be used in conjunction with the "Vista Partition Armed Away Restriction" field of PassPoint Access Groups. Set the appropriate partitions as restricted while Armed Away, so that cardholders in a group that does not have disarming capability will be denied when attempting to enter (or leave) an armed area, thus preventing false alarms.

1. In the card database of the PassPoint ACS, enroll a card or select an existing card that is to be assigned as a VISTA user. (Refer to the PassPoint ACS manuals.)
2. Select the **Action** tab for this card. A screen similar to the following will be displayed.



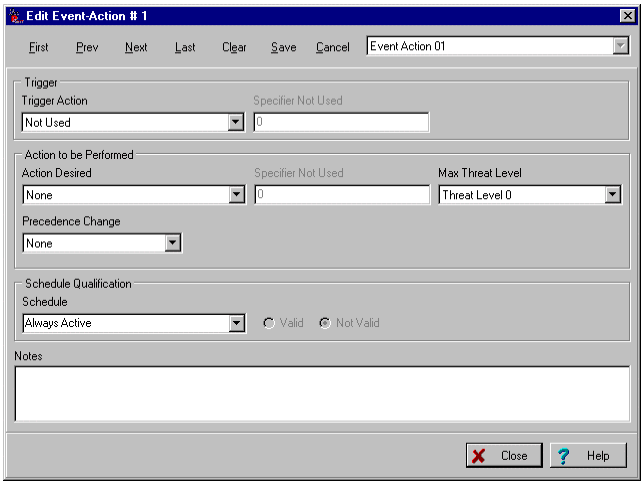
3. In the Action Desired field, select "Disarm Vista Ptn".
4. In the Specifier = Vista Ptn # field, enter the VISTA Control Panel partition to be disarmed.
5. In the Invoke Action field, select "Access Grant" as the action that will cause the partition to be disarmed.

6. Select the **Access** tab and enter the default VISTA user number in the VISTA User # field. This is needed since the PassPoint system maps all VISTA Control Panel users to the default VISTA user number when commanding the VISTA Control Panel to arm or disarm. (The default VISTA user number can be found in the System Wide Options, Burg System tab.)
7. Check that the default VISTA user number is valid in the VISTA Control Panel for the partition that is being disarmed.

Pulse a VISTA Control Panel Relay on an Access Point or any Access Point Denial

The PassPoint ACS can be configured to pulse a VISTA Control Panel relay on an access point denial or on any access point denial.

1. Go to the Event/Actions screen in the PassPoint ACS. A screen similar to the following will be displayed. (Refer to the PassPoint ACS manuals.)



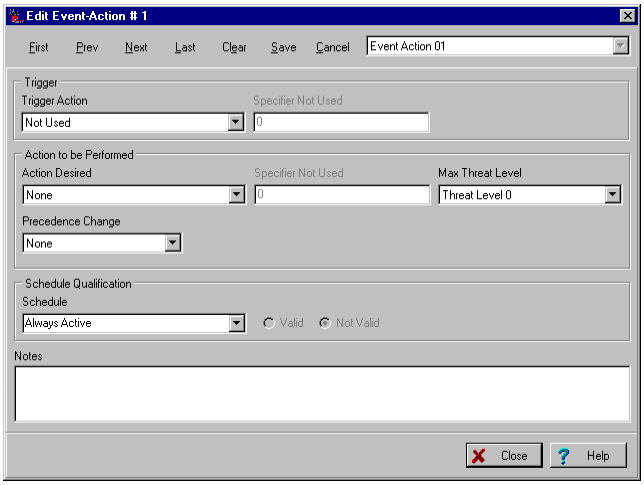
2. In the Trigger Action field, select “Upon an Access Denial” to select one access point or select “Upon any Access Denial” to select all access points.
3. If “Upon an Access Denial” was selected above, in the Specifier = AccPT # field, enter the access point number where the denial is to trigger the relay. Note that this field is not shown if “Upon any Access Denial” was selected.
4. In the Action Desired field, select “Vista Relay Pulse” as the action to be performed on the access denial.
5. In the Specifier = Vista Relay # field, enter the number of the VISTA Control Panel relay that is to be pulsed.

When the defined access denial occurs, the VISTA Control Panel relay selected will pulse for about 2 seconds.

Disarm a VISTA Control Panel Partition on an Access Grant

The PassPoint ACS can be configured so that an access grant at a particular access point or access grant at any access point will disarm the a VISTA Control Panel partition.

1. Go to the Event/Actions screen in the PassPoint ACS. A screen similar to the following will be displayed. (Refer to the PassPoint ACS manuals.)

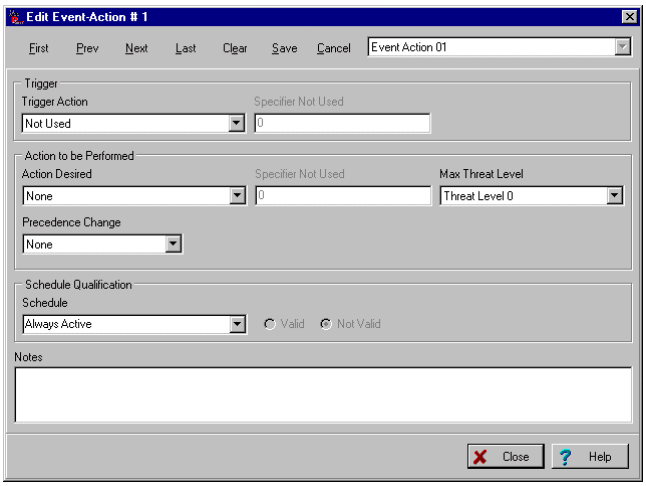


2. In the Trigger Action field, select “Upon an Access Grant” to select one access point or select “Upon any Access Grant” to select all access points.
3. If “Upon an Access Grant” was selected above, in the Specifier = AccPT # field, enter the access point number where the grant is to disarm a partition. Note that this field is not shown if “Upon any Access Grant” was selected.
4. In the Action Desired field, select “Disarm Vista Ptn” as the action to be performed on the access grant.
5. In the Specifier = Vista Ptn # field, enter the number of the VISTA Control Panel partition that is to be disarmed.

Lock/Protect an Access Point upon VISTA Control Panel Burglar Alarm/Restore

The PassPoint ACS can be configured so that an access can be locked when a burglar alarm occurs on the VISTA Control Panel and then the access point revert back to the protected status when the burglar alarm is restored.

1. Go to the Event/Actions screen in the PassPoint ACS. A screen similar to the following will be displayed. (Refer to the PassPoint ACS manuals.)

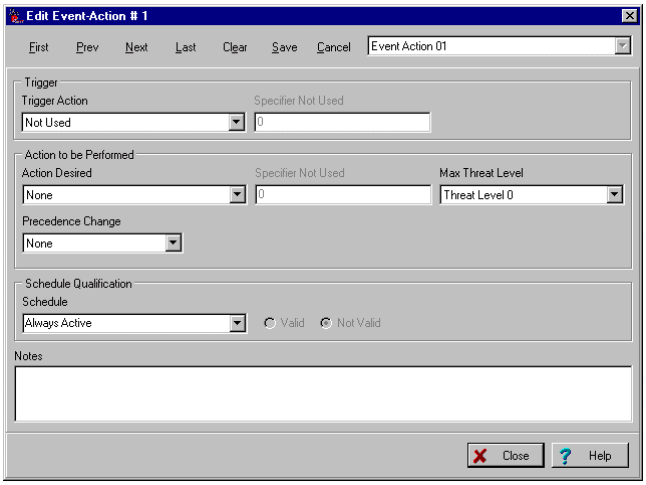


2. In the Trigger Action field, select “Upon Vista Burg Alarm in Ptn”.
3. In the Specifier = Vista Ptn # field, enter the partition number where a burglar alarm occurrence is to lock the access point.
4. In the Action Desired field, select “Lock Access Point” as the action to be performed when the burglar alarm occurs.
5. In the Specifier = AccPt # field, enter the number of the access point that is to be locked.
6. Select **Save** and then select **Next**. The Event/Action will be saved and the PassPoint ACS will advance to the next Event/Action.
7. In the Trigger Action field, select “Upon Vista Burg Alarm Rest in Ptn”.
8. In the Specifier = Vista Ptn # field, enter the same partition number as the one entered above.
9. In the Action Desired field, select “Protect Access Point” as the action to be performed when the burglar alarm is restored.
10. In the Specifier = AccPt # field, enter the same access point number as the one entered above.

Synchronize Arming/Disarming of PassPoint ACS and VISTA Control Panel

The PassPoint ACS/VISTA Control Panel can be configured so that when either system is armed, the other system will be armed and when either system is disarmed, the other system will be disarmed.

1. Go to the Event/Actions screen in the PassPoint ACS. A screen similar to the following will be displayed. (Refer to the PassPoint ACS manuals.)



2. In the Trigger Action field, select “Upon ACS Burg Sys Arming Away”.
3. In the Action Desired field, select “Arm Vista Ptn Away” as the action to be performed when the ACS Burg System is armed.
4. In the Specifier = Vista Ptn # field, enter the number of the partition that is to be armed.
5. Select **Save** and then select **Next**. The Event/Action will be saved and the PassPoint ACS will advance to the next Event/Action.
6. Repeat steps 3 through 5 for each VISTA Control Panel partition to be synchronized.
7. In the Trigger Action field, select “Upon Vista Burg System Armed Away”.
8. In the Action Desired field, select “Arm ACS Burg System Away” as the action to be performed when the VISTA Control Panel is armed.
9. Select **Save** and then select **Next**. The Event/Action will be saved and the PassPoint ACS will advance to the next Event/Action.
10. In the Trigger Action field, select “Upon ACS Burg System Disarming”.
11. In the Action Desired field, select “Disarm Vista Partition” as the action to be performed when the when the ACS Burg System is disarmed.
12. In the Specifier = Vista Ptn # field, enter the number of the partition that is to be disarmed.
13. Select **Save** and then select **Next**. The Event/Action will be saved and the PassPoint ACS will advance to the next Event/Action.

14. Repeat steps 10 through 13 for each VISTA Control Panel partition to be synchronized.
15. In the Trigger Action field, select “Upon Vista Burg System Disarming”.
16. In the Action Desired field, select “Disarm ACS Burglary System” as the action to be performed when the VISTA Control Panel is disarmed.
17. Select **Save**.

When the PassPoint ACS is armed or disarmed, the VISTA Control Panel will be armed or disarmed. Also, when the VISTA Control Panel is armed or disarmed, the PassPoint ACS will be armed or disarmed.

Bypass/Protect Access Point upon VISTA Control Panel Fire Alarm/Restore

The PassPoint ACS can be configured so that an access point can be bypassed when a fire alarm occurs on the VISTA Control Panel and then the access point will revert back to the protected status when the fire alarm is restored.

UL Bypass/Protect Access Point upon VISTA Control Panel Fire Alarm/Restore is not a UL listed feature.

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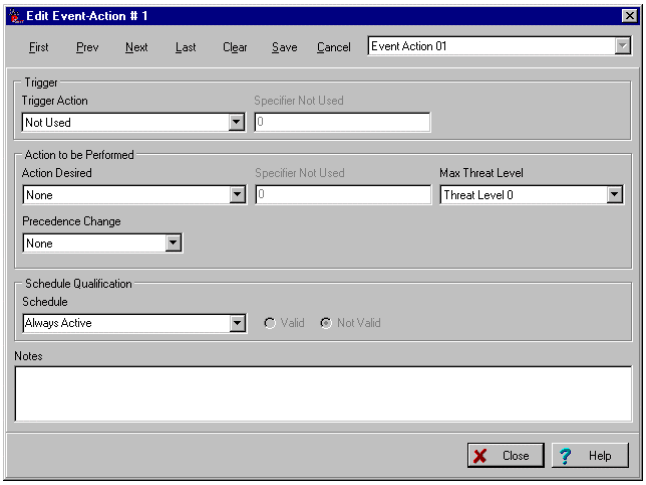
1. Go to the Event/Actions screen in the PassPoint ACS. A screen similar to the following will be displayed. (Refer to the PassPoint ACS manuals.)



2. In the Trigger Action field, select “Upon Vista Fire Alarm in Ptn”.
3. In the Specifier = Vista Ptn # field, enter the partition number where a fire alarm occurrence is to bypass the access point.

4. In the Action Desired field, select “Bypass Access Point” as the action to be performed when the fire alarm occurs.
5. In the Specifier = AccPt # field, enter the number of the access point that is to be bypassed.
6. Select **Save** and then select **Next**. The Event/Action will be saved and the PassPoint ACS will advance to the next Event/Action.
7. In the Trigger Action field, select “Upon Vista Fire Alarm Rest in Ptn”.
8. In the Specifier = Vista Ptn # field, enter the same partition number as the one entered above.
9. In the Action Desired field, select “Protect Access Point” as the action to be performed when the fire alarm is restored.
10. In the Specifier = AccPt # field, enter the same access point number as the one entered above.

PassPoint ACS MLB Supervision by the VISTA Control Panel

PassPoint ACS MLB Supervision by the VISTA Control Panel can only be enabled by the system installer.

The VISTA Control Panel can be programmed to supervise the PassPoint ACS MLB and report any failure that may occur.

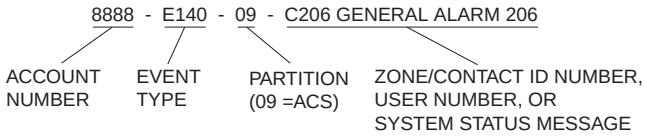
1. Enter the ZONE PROGRAMMING section in the #93 Menu Mode on the VISTA Control Panel.
2. Select a zone to assign to the MLB Supervision.
3. Program this zone with a zone response type 28 (MLB Supervision).
4. Enter the partition number.
5. Enter the desired report code.
6. Define if the zone should activate a bell or relay.
9. Define the input type as 00 (none).

The zone defined will provide supervision for the PassPoint ACS MLB and in the event of a failure, perform the actions defined for activating a bell or relay and send the defined report code.

Events Reported to Central Station

PassPoint Events Reported to Central Station

All events are logged, and are defaulted to dial to the central station. The following provides an example of the format of a typical message sent to the Central Station:



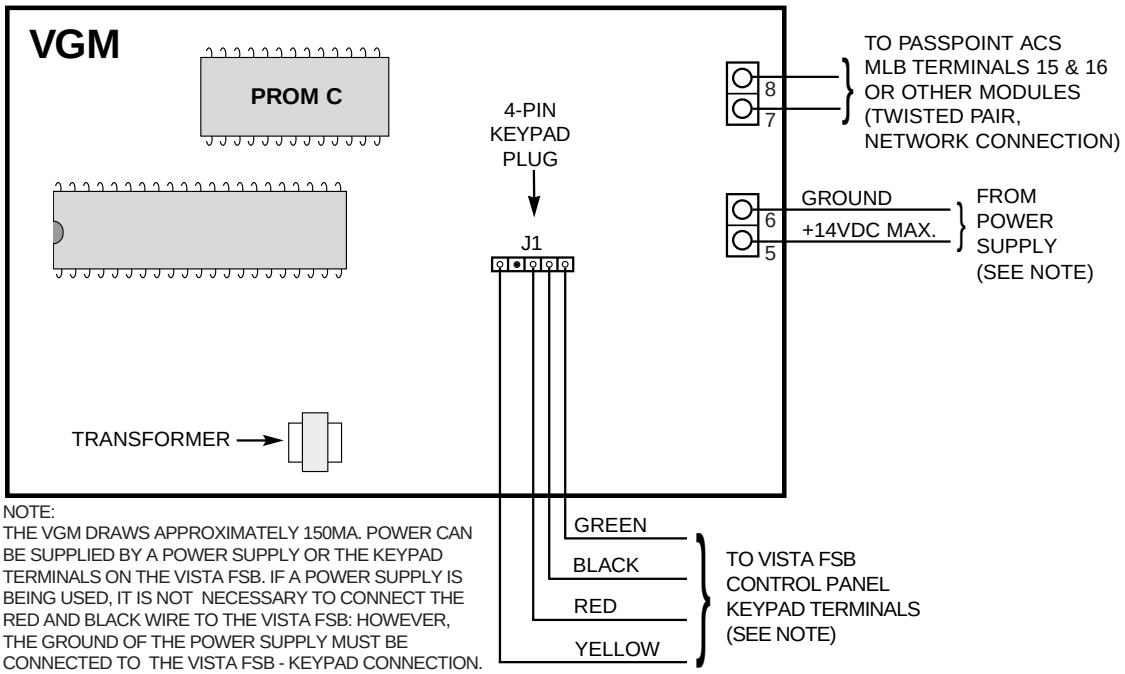
Event	Cause	Default Priority	Contact ID Code
Configuration Setting Changes			
PROG MODE ENTERED:	The installer enters Programming mode. When changes are made and downloaded, the system may enter the Reduced Capability mode.	2	E429 ACS Prog Mode Entry
PROG MODE EXIT:	The installer exits Programming mode and the system returns to normal operation.	2	E430 ACS Prog Mode Exit
SYSTEM DEFAULTS LOADED:	The installer reprograms the system to its factory default settings.	2	E306 Panel Prog Change
SYSTEM TIME SET:	A user alters the time setting of the system.	2	E625 Time Set
EVENT LOG CLEARED:	A user clears all event log contents.	2	E621 Event Log Cleared
Access Point-Related Events			
PROTECT ACCESS POINT:	An access point is set to its normal operation state. In Protect mode, the access point will service entries and exits as determined by the access point's configuration.	1	R577 Access Point Protect
BYPASS ACCESS POINT:	An access point has been set to Bypassed mode. This access point no longer requires card swipes or RTE zone faults to request entry or exit. The locking mechanism is disengaged, and the door can swing freely.	1	E577 Access Point Bypass
EXIT ONLY ACCESS POINT:	An access point is set to Exit-Only mode. The access point will only accept requests to exit through the access point either via an RTE zone or an exit reader.	1	R577 Access Point Protect
TIMED BYP ACCPT START:	An access point has been set to Timed Bypassed mode. This access point no longer requires card swipes or RTE zone faults to request entry or exit. The locking mechanism is disengaged, and the door can swing freely. The access point will automatically return to the Protected mode at the expiration of the given time period.	1	E577 Access Point Bypass

Event	Cause	Default Priority	Contact ID Code
TIMED BYP->PROT ACCPT:	An access point is automatically set to its normal operation state. In Protect mode, the access point will service entries and exits as determined by the access point's configuration.	1	R577 Access Point Protect
LOCK ACCESS POINT:	An Access Point is set to the locked operational state. When locked, the access point will not accept any entry or exit requests.	1	R577 Access Point Protect
SHUNT ACCPT DSM:	An access point's Door Status Monitor Zone is shunted. The access point will operate as though it did not have a Door Status Monitor Zone assigned and wired to it. This might have been done by a user if the DSM Zone is awaiting repair.	1	E434 Access Point DSM Shunt
UNSHUNT ACCPT DSM:	An access point's Door Status Monitor Zone is unshunted. The access point will once again operate using the Door Status Monitor Zone assigned and wired to it. This might have been done by a user if the DSM Zone returns to normal operation (i.e., it was repaired).	1	R434 Access Point DSM Unshunt
SHUNT ACCPT RTE:	N/A in this revision. Occurs when an access point's Request to Exit Zone is shunted. The access point will operate as though it did not have an RTE Zone assigned and wired to it. This might have been done by a user if the RTE Zone is awaiting repair.	1	E433 Access Point RTE Shunt
UNSHUNT ACCPT RTE:	N/A in this revision. Occurs when an access point's Request to Exit Zone is unshunted. The access point will once again operate using the RTE Zone assigned and wired to it. This might have been done by a user if the RTE zone returns to normal operation (i.e., it was repaired).	1	R433 Access Point RTE Unshunt
Relay-Related Events			
RELAY DISABLED:	An output relay is disabled. The output relay will remain in its current state (on or off) until enabled. Relay On and Relay Off commands will no longer be responded to for this output relay.	1	E520 Relay Disable
RELAY ENABLED:	An output relay is enabled. The output relay will return to a commandable state.	1	R520 Relay Enable
Trigger-Related Events			
TRIGGER DISABLED:	An output trigger is disabled. The output trigger will remain in its current state (on or off) until enabled. Trigger On and Trigger Off commands will no longer be responded to for this output trigger.	1	E520 Relay Disabled
TRIGGER ENABLED:	An output trigger is enabled. The output trigger will return to a commandable state.	1	R520 Relay Enabled
Reader-Related Events			
READER DISABLED:	An uncommitted reader is disabled. The reader will no longer process card swipes.	1	E501 Reader Disable
READER ENABLED:	An uncommitted reader is enabled. The reader will process card swipes.	1	R501 Reader Enable
Zone-Related Events			
BYPASS ZONE:	An uncommitted zone is bypassed. This zone will no longer cause an alarm.	1	E570 Zone Bypass
PROTECT ZONE:	An uncommitted zone is bypassed. This zone may cause an alarm if the burglary system is armed appropriately for the zone's response type.	1	R570 Zone Bypass Restore

Event	Cause	Default Priority	Contact ID Code
SHUNT ZONE:	An uncommitted zone is shunted. This zone's status will no longer be monitored by the system. The zone can no longer cause an alarm.	1	E576 Zone Shunt
UNSHUNT ZONE:	An uncommitted zone is unshunted. The system will once again monitor the zone input. This zone may cause an alarm if the burglary system is armed appropriately for the zone's response type.	1	R576 Zone Unshunt
Access Control-Related Events			
THREAT LEVEL CHANGED:	The operational threat level of the system is altered.	5	E431 Threat Lvl Chg
DURESS ACCESS EVENT:	Duress PIN code was used at an entry reader of an access point. The cardholder was granted access.	4	E124 Duress Access Grant
DURESS EGRESS EVENT:	Duress PIN code was used at an exit reader of an access point. The cardholder was granted egress.	4	E125 Duress Egress Grant
ACCPT DOOR TIME:	After granting access or egress, an access point door was held open longer than the allotted door open time. The access point will not accept card swipes until the door is closed properly. This event can only occur if a Door Status Monitor Zone is configured for the access point.	2	E426 Door Prop Alarm
ACCPT DOOR TIME REST:	After granting access or egress, an access point door that was held open longer than the allotted door open time has been closed properly. The access point will now revert to normal operation. This event can only occur if a Door Status Monitor Zone is configured for the access point.	2	R426 Door Prop Alarm Restore
ACCPT DOOR OPEN ALARM:	An access point door was forced open without proper access or egress being granted. The access point will not accept card swipes until the door is closed properly. This event can only occur if a Door Status Monitor Zone is configured for the access point.	3	E423 Door Force Alarm
ACCPT DOOR OPEN REST:	An access point door that was forced open without proper access or egress being granted has been closed. The Access Point will now revert to normal operation. This event can only occur if a Door Status Monitor Zone is configured for the access point.	3	R423 Door Force Alarm Restore
Remote Connection-Related Messages These events will only occur if the ACS is administered remotely using modem communications.			
MODEM ERROR:	The ACS is experiencing trouble communicating with a modem.	2	E333 Module Comm Fail
MODEM RESTORE:	The ACS has successfully communicated with a modem after experiencing a modem error.	2	R333 Module Comm Fail Rest
CAN NOT CONNECT:	The ACS could not reach its PC host.	2	E354 Fail to Comm
Diagnostic and Test Mode Events			
ACCPT RTE ZNE TRB:	The Request to Exit Zone of an access point is experiencing a wiring trouble condition. This event can only occur if a Request to Exit Zone is configured for the access point.	2	E428 Access Point RTE Trouble

Event	Cause	Default Priority	Contact ID Code
ACCPT RTE TRB REST:	The Request to Exit Zone of an access point is no longer experiencing a wiring trouble condition. This event can only occur if a Request to Exit Zone is configured for the access point.	2	R428 Access Point RTE Trouble Restore
ACCPT DSM ZNE TRB:	The Door Status Monitor Zone of an access point is experiencing a wiring trouble condition. This event can only occur if a Door Status Monitor Zone is configured for the access point.	2	E427 Access Point DSM Trouble
ACCPT DSM TRB REST:	The Door Status Monitor Zone of an access point is no longer experiencing a wiring trouble condition. This event can only occur if a Door Status Monitor Zone is configured for the access point.	2	R427 Access Point DSM Trouble Restore
ACCPT RELAY SUPV FAIL:	The Door Control Relay of an access point that operates the door's locking mechanism has detected that the locking device's power has failed. This event can only occur if the access point's door control relay was configured to monitor the voltage of the locking device.	2	E432 Access Point Relay Supervision Fail
ACCPT RLY SUPV REST:	The door control relay of an access point that operates the door's locking mechanism has detected that the locking device's power has returned. This event can only occur if the access point's door control relay was configured to monitor the voltage of the locking device.	2	R432 Access Point Relay Supervision Restore
RELAY SUPV FAIL:	The output relay has detected that its controlled device's power has failed. This event can only occur if the output relay was configured to monitor the voltage of the controlled device.	2	E320 Relay Supervision Fail
RELAY SUPV REST:	The output relay detected that the power has returned to its controlled device. This event can only occur if the output relay was configured to monitor the voltage of the controlled device.	2	R320 Relay Supervision Restore
COMM FAIL:	The MLB has experienced a communications failure with the indicated module.	2	E333 Comm Fail
COMM FAIL RESTORE:	The MLB has experienced a return of communications with the indicated module.	2	R333 Comm Fail Restore
LOW BATTERY:	A module within the system is experiencing a low battery condition. This event will only occur at modules that have been programmed to monitor their battery condition.	2	E338 Module Low Battery
LOW BATT RESTORE:	A module within the system that was experiencing a low battery condition has detected that the battery has now been properly charged. This event will only occur at modules that have been programmed to monitor their battery condition.	2	R338 Module Low Battery Restore
AC PWR LOSS:	A module within the system is experiencing an AC loss condition. This event will only occur at modules that have been programmed to monitor their AC power condition.	2	E342 Module AC Loss
AC PWR RESTORE:	A module within the system that was experiencing an AC loss condition has detected that the AC line power has now been re-applied. This event will only occur at modules that have been programmed to monitor their AC power condition.	2	R342 Module AC Restore
SYSTEM RESET:	The system powers up or resets in response to a user request.	2	E305 System Reset

Event	Cause	Default Priority	Contact ID Code
SYSTEM SHUTDOWN:	The system is shut down due to a user request or in response to a power loss.	5	E308 System Shutdown
WALK TEST START:	A user starts VISTA Burglary System Walk Test.	1	E607 Burg Walk Test Start
WALK TEST END:	A user ends VISTA Burglary System Walk Test.	1	R607 Burg Walk Test End
MANUAL SYS RESET:	A user deliberately reset the ACS.	1	E313 Engineer Reset
DIALER TEST:	A periodic test report was sent to a monitoring central station.	2	E602 Periodic Dialer Test
DIALER COMM FAIL:	A monitoring central station could not be reached. (While this event is intended to be dialed, it doesn't actually reach central station due to communication fail.)	2	E350 Centrl Station Comm Fail
DIALER COMM REST:	A monitoring central station could once again be reached.	2	R350 Centrl Station Comm Rest
MODULE RESET OCCURRED:	A module within the system experienced a reset condition.	1	E339 Module Reset
MODULE WDRST OCCURRED:	A module within the system experienced a reset condition.	1	E339 Module Reset
Uncommitted Zone-Related Events			
ZONE TROUBLE:	A wiring trouble condition has occurred at the indicated uncommitted zone.	2	E380 Zone Trouble
ZONE TRB REST:	A wiring trouble condition has cleared at the indicated uncommitted zone.	2	R380 Zone Trouble Restore
ZONE ALARM:	A zone alarm condition has occurred at the indicated uncommitted zone.	3	E140 Zone Alarm
ZONE ALM REST:	A zone alarm condition has restored at the indicated uncommitted zone.	3	R140 Zone Alarm Restore
BURG SYS ARMED AWAY:	The burglary system of the access control panel is Armed Away	3	R401 Close Away
BURG SYS ARMED STAY:	The burglary system of the access control panel is Armed Stay	3	R441 Close Stay
BURG SYS DISARMED:	The burglary system of the access control panel is disarmed	3	E401 Open
BURG SYS FRC ARMED AWAY:	The burglary subsystem of the ACS was Armed Away, automatically bypassing any zones that were faulted.	3	R401 Close Away
BURG SYS FRC ARMED STAY:	The Burglary subsystem of the ACS was Armed Stay, automatically bypassing any zones that were faulted.	3	R441 Close Stay
ALARM SOUNDER TIMEOUT:	The Alarm Sounder Relay Output that has been assigned for use as the Burglary Sounder was turned Off prior to the bell timeout. The Normally open contacts of the Form-C Relay will be disconnected, and the normally closed contacts of the Form-C Relay will be connected.	1	E406 Cancel



NOTE:
THE VGM DRAWS APPROXIMATELY 150MA. POWER CAN BE SUPPLIED BY A POWER SUPPLY OR THE KEYPAD TERMINALS ON THE VISTA FSB. IF A POWER SUPPLY IS BEING USED, IT IS NOT NECESSARY TO CONNECT THE RED AND BLACK WIRE TO THE VISTA FSB: HOWEVER, THE GROUND OF THE POWER SUPPLY MUST BE CONNECTED TO THE VISTA FSB - KEYPAD CONNECTION.

WARNING:
DO NOT APPLY POWER TO THE SYSTEM UNTIL ALL CABLES, INCLUDING POWER CONNECTIONS, ARE ATTACHED. MAKE SURE THAT THE COMPONENT SUPPLYING POWER TO THE VGM, WHETHER A SEPARATE POWER SUPPLY OR ANOTHER MODULE, IS NOT POWERED WHILE CONNECTING THE VGM. AFTER ALL CONNECTIONS ARE COMPLETE, POWER MAY BE APPLIED TO THE SYSTEM.

VISTA Gateway Module, Summary of Connections

165 Eileen Way, Syosset, New York 11791

K3598V1 05/00