ADPRO Video Central Platinum

Operational Manual

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Honeywell

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Convention	Description
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Italics	Used to denote: references to other parts of this document or other documents. Used for the result of an action

The following icons are used in this document.

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	Warning! This icon indicates danger of physical harm to the reader. Not following instructions may lead to death or permanent injury.
	Warning! This icon indicates danger of electric shock. This may lead to death or permanent injury.
	Warning! This icon indicates that there is a danger of inhaling dangerous substances. This may lead to death or permanent injury.

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1 What's New

Feature	Description	Section Reference
New in 3.02.09		
Extended Operator Audit	Additional operator audit data was added.	Operational Manual, 2.28.7.2, Audit Log Descriptions
32 camera support	32 cameras are now supported.	NA
Fisheye Camera support	Fisheye cameras can be viewed in VCP.	Operational Manual, 2.22.12, Viewing a Fisheye (360°) Camera
New in 3.04		
Support for HeiTel in Diagrams	Diagrams now support HeiTel devices.	Setup and Configuration Manual, 2.22, Diagrams
Private Wall HeiTel support	The private wall now allows to show video from HeiTel devices.	Setup and Configuration Manual, 2.4.4, HeiTel Unit Programming
HeiTel GPS support	VCP supports tracking HeiTel GPS devices by using the Global Maps application.	Setup and Configuration Manual, 2.11.7, GPS Settings, 2.12.10, Global Maps Auto Start Operational Manual, 2.46, Global Maps
Live Video Snapshot support for HeiTel	It is now possible to take live video snapshots when streaming video from HeiTel devices.	Operational Manual, 2.22.10, Saving a Live Image
Talk-to-Site Audio File support for HeiTel	Audio files (mp3 and wav) can be configured for Talk-to-Site with HeiTel devices.	Setup and Configuration Manual, 2.13, Local Audio Setup (Play audio file to site)
HeiTel HTConnect support	VCP HeiTel sites can be configured to use HTConnect to connect to the associated devices.	Setup and Configuration Manual, 2.4.1, Setup of CamControl Server, 2.4.4, HeiTel Unit Programming
Bounding Box Configuration	The type of bounding boxes that are shown for alarm images (quad images) and live and review video can be selected.	Setup and Configuration Manual, 2.12.3, Bounding Box Setup
Event Monitoring	It is now possible to monitor events for occurrence, i.e. to check whether a given event has occurred within an expected timeframe.	Setup and Configuration Manual, 2.6.1.2.7, Event Monitoring Settings
Enhanced Database and Disk Size Warnings	Database and disk size warnings have been improved. Warnings will be repeated periodically if the issue at hand is not dealt with. If the issue becomes critical, the system monitor site cannot be cleared until the issue has been dealt with.	Database and Maintenance Manual, 2.1.4, Hard Drive Warnings, 2.1.5, Database Warnings
ASL Customisation	ASL column locations can now be changed. It is now possible to select which ASL columns are visible.	Setup and Configuration Manual, 2.12.11, Column Visibility
Time on ASL	The time how long a site is sitting on the ASL is displayed in a new ASL column "Accumulated Time".	Operational Manual, 2.16.1, ASL Explanation

Feature	Description	Section Reference
Additional Reports	Additional reports are available: • "User Response Report 2", for viewing average response time. • "User Response By Event", shows individual alarms and associated details. • "User Response By Event Type", shows alarms and associated details per sensor. • "User Response By Transmitter", shows alarms and associated details per transmitter. • "Isolations By Sensor", shows isolations and associated details per sensor. • "User Response By User", shows alarms and associated details per user. "User Response Key Metrics", shows user response key metrics.	Operational Manual, 2.45, Reports
New Export/Import of VCP Server Configuration	A new export/import mechanism allows to export/import VCP Server configuration (site details, user details, event priorities…) to/from an XML file. In order to prevent unexpected overwriting of data during import, an import rule can be set which defines how configuration data should be imported. A task is added to the Task Scheduler to allow for automated and scheduled export of the server configuration. A tool exists to convert the VCP legacy export files to the new XML format.	Setup and Configuration Manual, 2.11.8, Import Conflict Action Database and Maintenance Manual, 2.1.18, Exporting and Importing Site and User Data
System Monitor Message Selection	Now System Monitor messages can be enabled or disabled. The System Monitor site will not appear on the ASL for disabled messages.	Setup and Configuration Manual, 2.6.5, System Monitor Message Configuration
Troubleshooting FAQ for Setup	In case VCP setup fails, a troubleshooting FAQ is displayed.	NA
Language Selection in Active Language	The list of languages is now displayed in the language that is active.	Setup and Configuration Manual, 2.12.6, Language Setup
Event Comment enhancement	When adding comment on an event, the Event Comment dialog now contains some information which summarises the event at hand.	Operational Manual, 2.27, Entering Comments
Diagram Guard Tour enhancement	Additional diagram commands are added to allow to switch to the next or previous guard tour sequence: Video(MULTI,NEXTSEQUENCE) Video(MULTI,PREVIOUSSEQUENCE)	Setup and Configuration Manual, 2.22.4.1.1, Live Video Control
Enhanced Review on 20+ Channels	When reviewing more than 20 channels, the user can now switch between the first 20 cameras (cam 1–20) and last 12 cameras (cam 21–32).	Operational Manual, 2.43.9.3, Reviewing More than 20 Cameras
VCP Server autostart upon crash	It is now possible to configure VCP Server to automatically restart after the program has crashed.	Setup and Configuration Manual, 2.2, Start and Login for Multi User

Feature	Description	Section Reference
Guard Tour enhancement	The “All Cameras” guard tour option automatically selects the best camera layout for displaying all cameras on the device.	Operational Manual, 2.23, Conducting a Guard Tour
Enhanced PTZ Configuration	An option is added to allow to invert the Y-axis when controlling PTZ via a joystick. An option is added to show an indication of the centre of the screen when using PTZ.	Setup and Configuration Manual, 2.12.8, Joystick Settings
Support for new XO events	Added support for XO PIR events. Added support for “STORAGE INSUFFICIENT” event.	NA
Diagrams Workbits support	Diagrams now support XO device workbits.	Setup and Configuration Manual, 2.22, Diagrams
VCP SecureViewer Fisheye Cam enhancement	The VCP SecureViewer now supports dewarping exported fisheye camera video.	Secure Viewer User Manual, 4.3.16, Viewing a Fisheye (360°) Camera
Basic Integration enhancement	Basic Integration now supports sending event deactivation codes.	Setup and Configuration Manual, 2.15.2.1, Modifying the Translation Table
Enhanced Performance	Overall enhanced performance by database optimisation and caching.	NA
New in 3.05		
Additional Language	Added Polish translation.	NA
Archiving	Improved error notification in case archiving fails due to insufficient disk space.	NA
Configurable alarm images location.	Added support for setting the path to the EventExtraData folder in the SystemData table.	2.16 VCP Configuration Files and Folders
Configurable SQL Server edition and instance name.	It is now possible to select a pre-installed SQL database instance when installing VCP. Supported instances are SQL 2008 R2, SQL 2014, SQL 2016, and SQL 2017. The user is not forced to use “XTRALIS_CYCLOPS” as the name of the SQL Server instance.	VCP Installation Manual
Configuration files relocated	VCP related configuration files have been moved to the “ADPRO VCP” folder under the common application data folder. E.g. “C:\ProgramData\ADPRO VCP”. The configuration files include vcp_bi.ini, VCPClientConfig.xml, VCPAppLauncherConfig.xml, ADPROSW.config and GPSMapsSettings.xml.	2.16 VCP Configuration Files and Folders
Consolidated configuration file location	Temporary, backup and log files are moved to subfolders under the Common \ “ADPRO VCP” folder.	2.16 VCP Configuration Files and Folders
Convert export busy indication.	Tool now shows wait cursor while conversion is busy.	NA

Feature	Description	Section Reference
Enhanced Camera I/O	The camera I/O status page has been redesigned, allowing to isolate individual camera points.	Operational Manual 2.19.3 Camera I/O
Enhanced event search	Added a column to the Event Search dialog, showing the cameras associated with the event. Added a new search option in the Event Search dialog, to search for events linked with a specific camera.	VCP Operational Manual 2.42.1.3 EventSearch Results – Event tab
Enhanced IP configuration	Improved the appearance of the IP Configuration window that is displayed if the VCP UI is launched with a misconfigured bind-to-IP address.	NA
Event Detail	For the SITE CONNECT, SITE SELECT, SITE RELEASE, SITE DISCONNECT and SITE ACKNOWLEDGEMENT events, the Events list now contains the user name in the Detector Text column.	VCP Operational Manual 2.32
Event Search	In the VCP Event Viewer, which is launched via Event Search, the Next or Previous button used for cycling through alarm images, is disabled if there are no subsequent images to show.	NA
NetIO digital tamper event.	Added support for the new NetIO digital tamper events that are available on XO 4.2.	NA
New Bind To network settings	Added ability to configure .NET remoting client socket (bind-to-address and client port) for VCP Video Wall, Global Maps application, and the ADPRO Media Server. This provides the ability to better finetune these applications to the needs of an environment where network communication is more restricted.	NA
iRespond feature removed.	Removed iRespond functionality from setup and menues.	NA
VCP Feedback tool removed.	Removed the VCP feedback tool from setup and menues.	NA
Secure Viewer	Added extra diagnostic logging to the Secure Viewer Extractor post-extract processing.	NA
Separated SQL instance installation.	Installation of the SQL Server instance, that is required for installing the VCP related databases, has been separated from the VCP setup. The VCP setup no longer integrates installation of SQL server into the VCP setup process. The wizard still does provide a link on the prerequisites page, which allows to run the setup for SQL Server 2014 Express with Advanced Services. SQL Server setup then runs with default configuration settings.	VCP Installation Manual

Feature	Description	Section Reference
Simplified Bounding-Box Configuration	To avoid confusion with the colour of bounding boxes, colour configuration for quad alarm bounding has been removed.	2.12.13.1 Alarm Images
Site Overview	The Site Armed/Disarmed status on the Site Overview page is now updated on the fly, upon receiving a “SYSTEM ARMED” event from the unit. Prerequisite for this to work properly, is to use an alarm profile where the “End of alarm tx” checkbox is ticked, on the unit. If required, the “SYSTEM ARMED” event can be hidden from the ASL, using Sensor Monitoring.	VCP Operational Manual 2.2.1
Support for Windows 10 64 bit, Windows Server 2012 Windows Server 2016 operating systems	VCP can run user interfaces and servers on these operating systems.	NA
Updated default database - SQL Server 2014 Express	VCP setup now comes with SQL Server 2014 Express with Advanced Services. On the setup wizard’s prerequisites page, the setup provides the ability to install SQL Server 2014 Express with Advanced Services, if the user did not select a valid existing SQL Server instance. **Note**: VCP is qualified up to SQL Server 2016 Express.	VCP Installation Manual
Video Wall network configuration	VCP Video Wall can now be configured not to require a ping reply from VCP Server before it attempts to connect to the Server. By default, the Video Wall does not connect to the Server if it doesn’t receive a ping reply.	VCP Video Wall Manual 9.2
New in 3.06		
P2P support	The option to enable P2P instead of the IP connection. The IP Address and Host Name fields disappear if this option is selected and P2P License ID field appears. Enter the license key with 20 alphanumeric characters.	NA
Support for secure streaming	Select this checkbox to enable encrypted video streaming.	NA
Upgrade to SQL Server 2019	VCP installs SQL Server 2019 Express and SQL Report Server 2019 Express (SQL Server Reporting Services-SSRS) for 64-bit operating systems (if there is no previous SQL Server installation). Install the Reporting Server only after installing the SQL Server. There is no change in the installation procedure for 32-bit operating systems, and VCP will install SQL Server 2014 in this case (for backward compatibility).	NA

Note: wherever **ADPRO device** or **ADPRO XO device** is mentioned in this document, it applies to the FastTrace 2 Series devices, iFT Series devices, and eFT Series devices unless specifically mentioned otherwise.

2 Operation

The User Interface is the means via which the Operator connects to site, monitors and controls site activities, and manages alarms.

2.1 HeiTel Support

Support for HeiTel transmitters/recorders has been added to Video Central Platinum. This manual was originally written for Video Central Platinum operation with FastTrace 2. However, the operation has been kept as practically similar between the two transmitter types as possible. Therefore, this manual has not been updated to detail minor differences. The following information provides limitations when HeiTel units are in use.

2.1.1 HeiTel Operational Limitations

Active Sites List

- Detector text and Fire fields will be blank as these are ADPRO XO specific.

Alarms

- Detector text, Indicator and Fire fields will be blank as these are ADPRO XO specific.
- Cannot associate more than one camera per event.

Arm/disarm

- Arm/disarm will not operate if HeiTel is not set for software control.

Inputs/Outputs

- CIO Relays cannot be controlled.
- Activating CIO Inputs displays HeiTel inputs as ON also when they are actually OFF.
- Relay status will be displayed however if set to something like ‘on when in alarm’ the software control will not operate.
- IO Summary bars not implemented in VCP for HeiTel.

Update Rate for Guard Tour

- Update rate is approx. ½ second per camera. Each camera is updated sequentially.

Audio

- No audio switching as HeiTel only has one channel.

PTZ

- PTZ is enabled for all IP cameras even if they do not have PTZ.

Review Mode

- Limited to camera type searches one camera at a time.
- Due to duplex mode setting requirement HeiTel will not record while a VCP user is in review mode.
- Limited to continuous only recording and event only recording.

2.1.2 HeiTel or VCP Features not Supported by Video Central Platinum when HeiTel Units are in Use

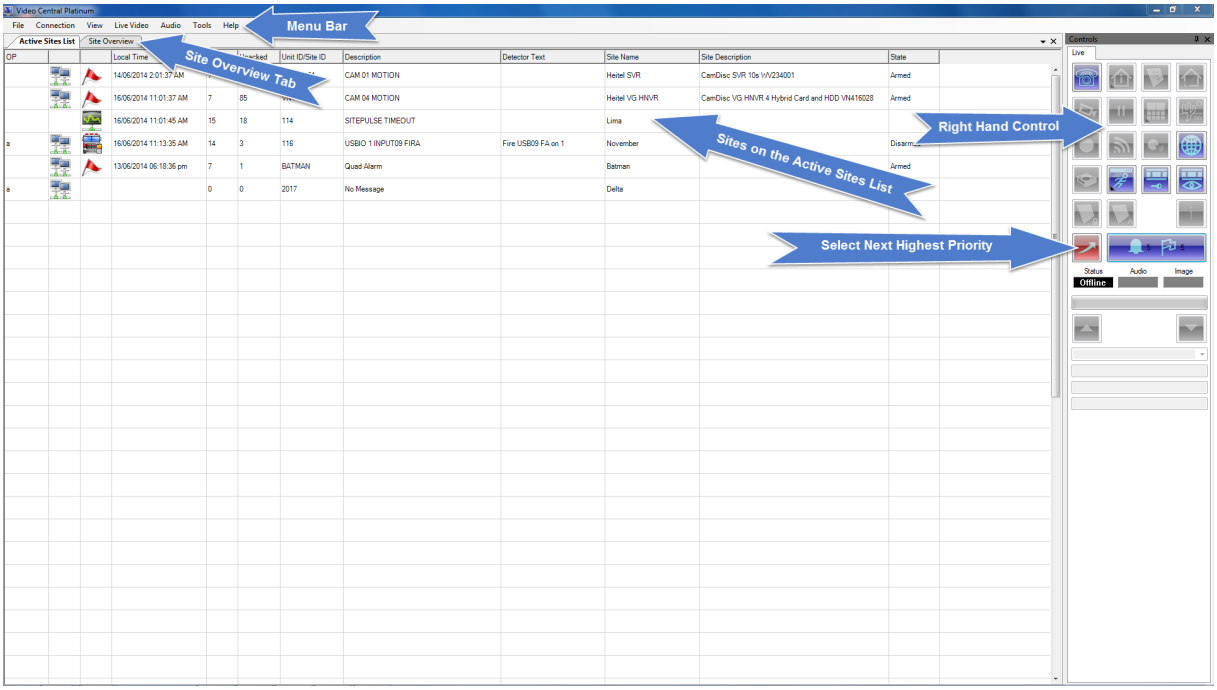
- IO Summary bars.
- Zone Isolate.
- Fire IO Status.
- Fire Contacts.
- Transmit Audio File to Site.
- CMS Priority.
- HeiTel Device Recall Alarm Type.
- HeiTel Pre-Alarm.
- HeiTel Routine Call (SitePulse).
- Review Mode Audio.
- Bounding boxes.
- Serial Communications.
- Backup Communications.
- Output Quick Access Buttons.
- Bi-directional RS232.

2.2 Overview of User Interface

The appearance of the User Interface varies considerably according to operating mode. The Left-Hand Panel varies according to whether the system is in Active Sites List Mode, Site View Mode, or Review Mode.

2.2.1 Active Sites List Mode

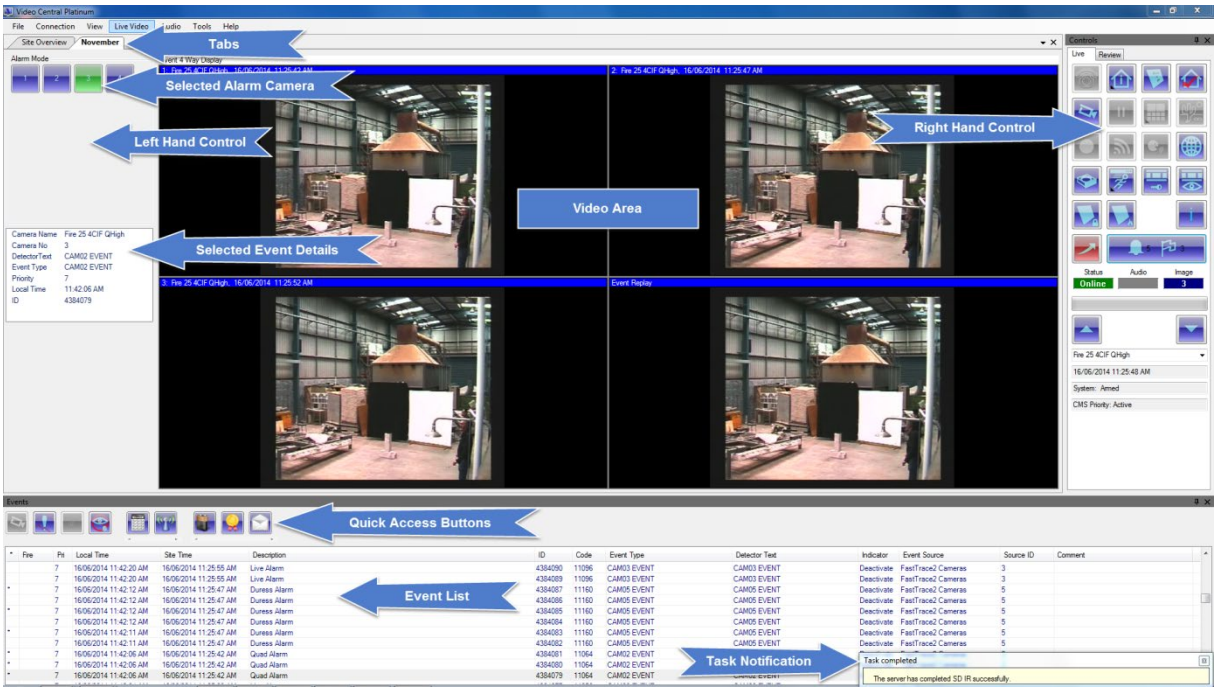
The view below in Active Sites List Mode is immediately after login. The Active Sites List is displayed as shown:



2.2.2 Site View Mode

After making a successful connection, Site View Mode shows video in the video panel and the Event List across the lower part of the screen.

Other functions such as reports, site notes, and user notes can be activated in Site View Mode and when several are active together, they appear as a series of tabs immediately below the Menu Bar. The Operator can quickly move between functions by clicking on the relevant tabs.



2.2.3 Site Overview Tab

The site overview tab is available from the Active Sites list and Site View Mode and is compatible with ADPRO XO and HeiTel sites only. The tab can be un-docked and placed on a second monitor for simultaneous viewing of site status. The following status information is available;

- Site Name – Programmed site name.
- Unit ID – Programmed unit ID.
- ASL - Site on ASL. Site not on ASL.
- Connected - Site connected. Site offline.
- Armed - Site armed. Site disarmed.
- Isolation – Quantity of isolated objects.
- Hidden Alarms - Quantity of hidden alarms.
- Unacknowledged - Quantity of unacknowledged events.

Reliability

Armed and Isolation states show last known state while offline.

Text Colours – Isolation, Hidden Alarms, and Unacknowledged fields display values red when one or more objects are active and green when no objects are active.

Sorting – The overview can be sorted by clicking on the column headers. A second click on the same header will switch the sort order between ascending and descending order. As the values change within the sort order column the order will not automatically update. The '**Refresh**' button can be used to re-order the column as per the selected sort order.

Filters – A filter can be selected to reduce the overview list based upon the selected filter.

Column Order – The column order can be set by holding the left click on a column header and dragging the column header left or right.

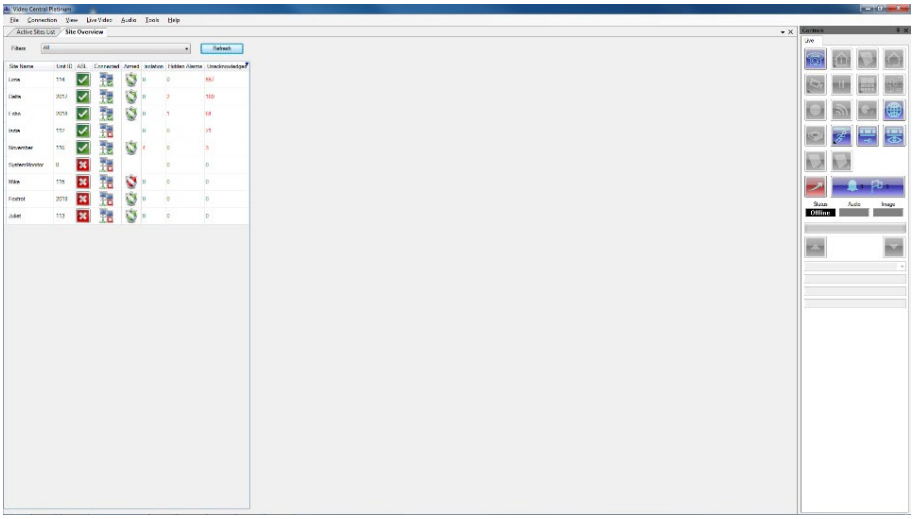
Column Size – The column size can be set by dragging the left or right side of the column header.

Save Layout and Settings – To save the layout right click on the overview area and select ‘Save Layout’ or ‘Cancel’.

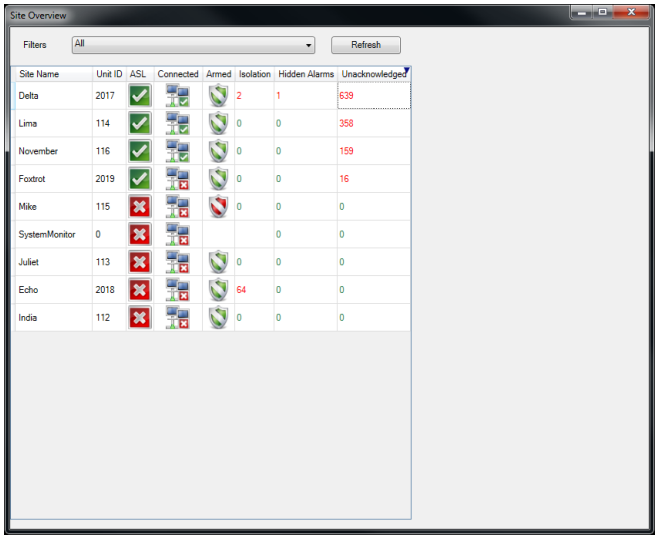
Save Position - The position and size are saved automatically when the user interface is closed.

Note: The overview cannot be used to select sites, it provides a status overview only. Also, the overview tab cannot be closed.

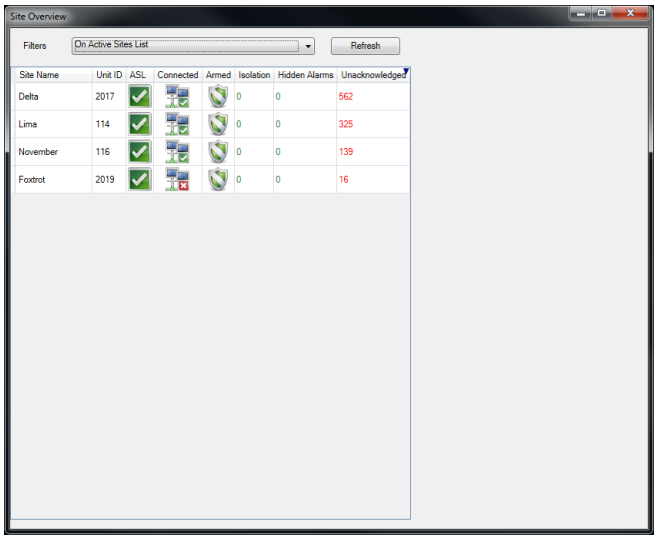
2.2.3.1 Site Overview Docked into the Main Video Central Platinum Window



2.2.3.2 Undocked Site Overview Window



2.2.3.3 Filtered Site Overview Window

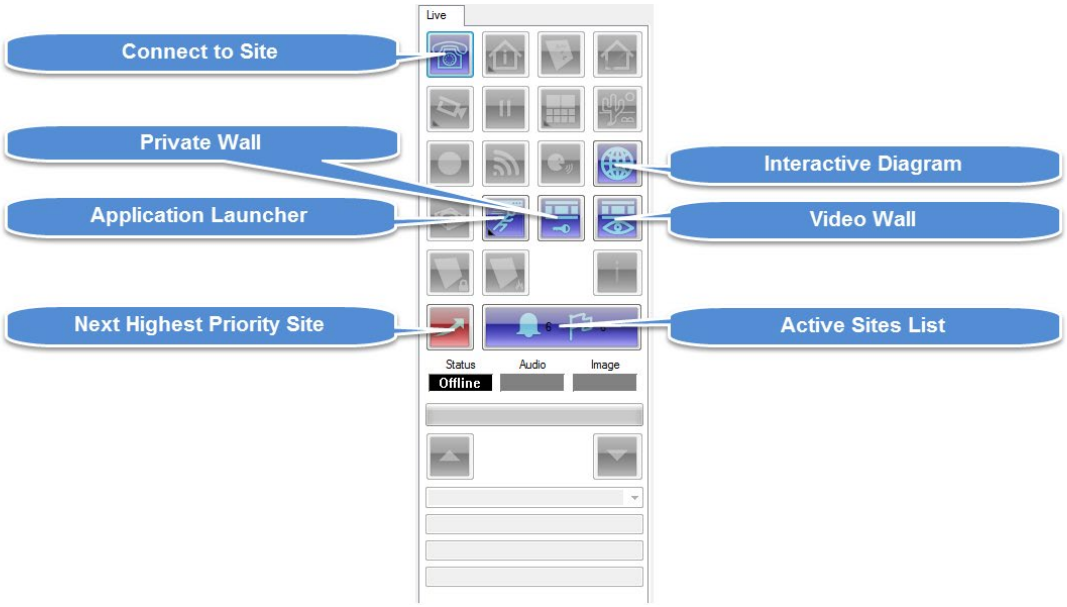


2.2.4 Overview of Controls

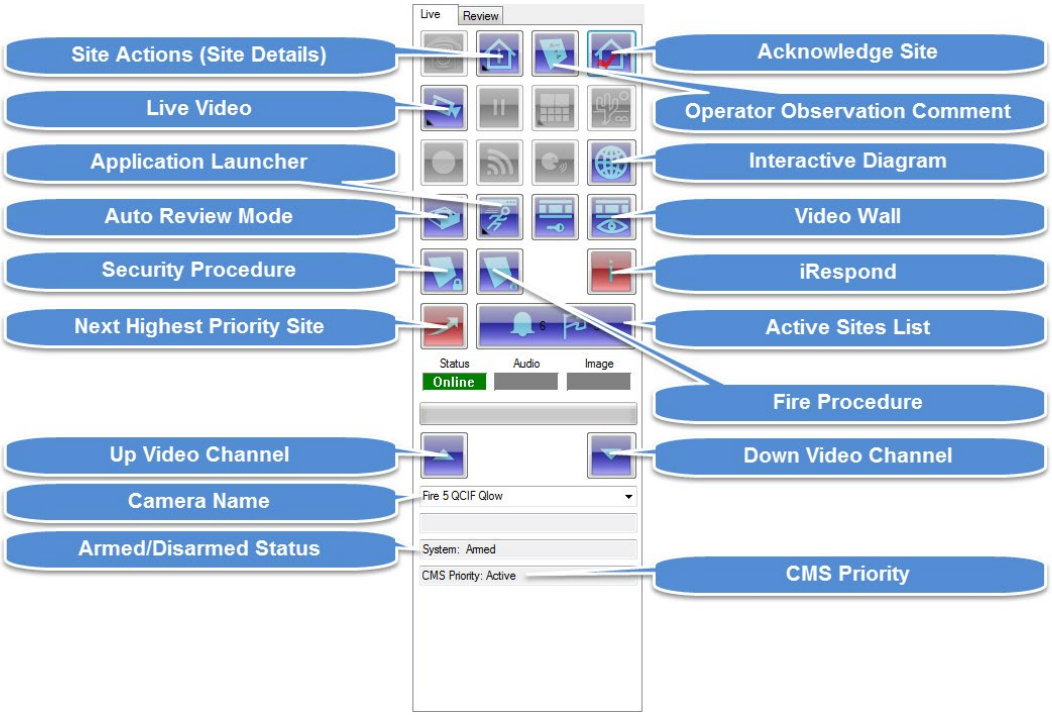
2.2.4.1 Right Hand Control

The right hand Control varies according to the mode of operation: Active Sites List (site selection and connection), Site View Mode (connected to site to view video or manage alarms), and Review Mode (retrieve past video and alarms from the unit).

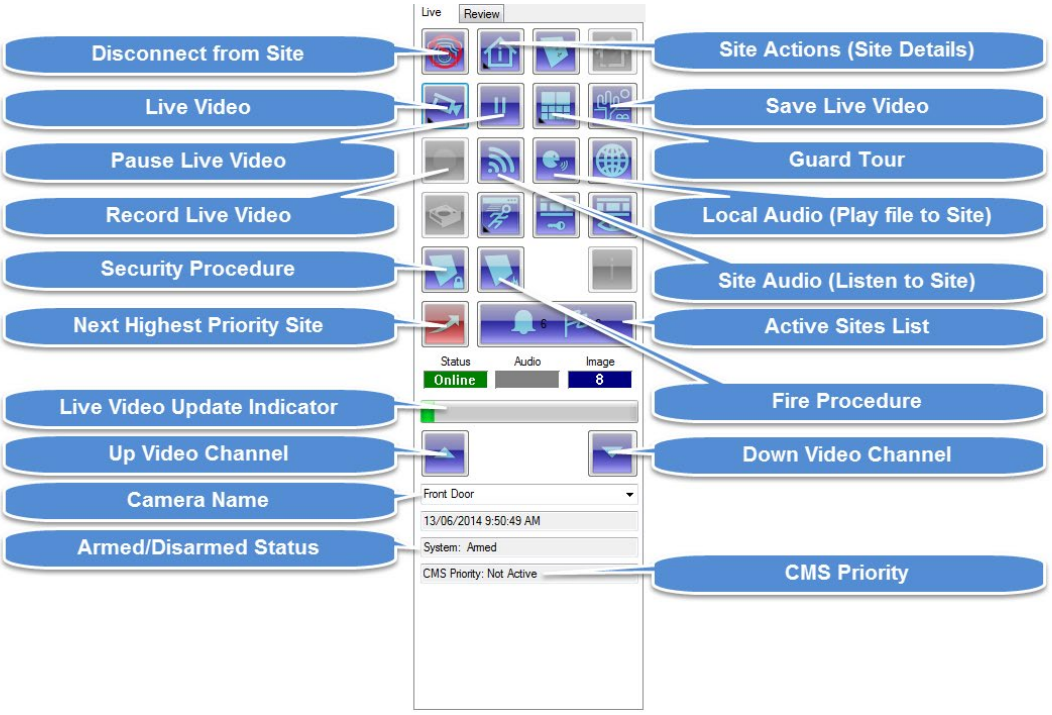
2.2.4.1.1 Active Sites List



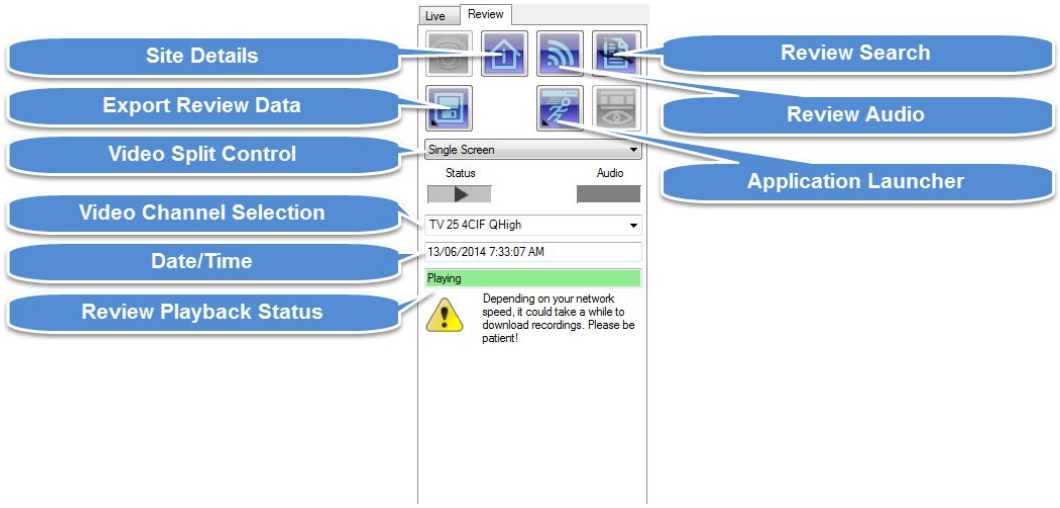
2.2.4.1.2 Site View Mode with Alarms



2.2.4.1.3 Site View Mode with no Alarms

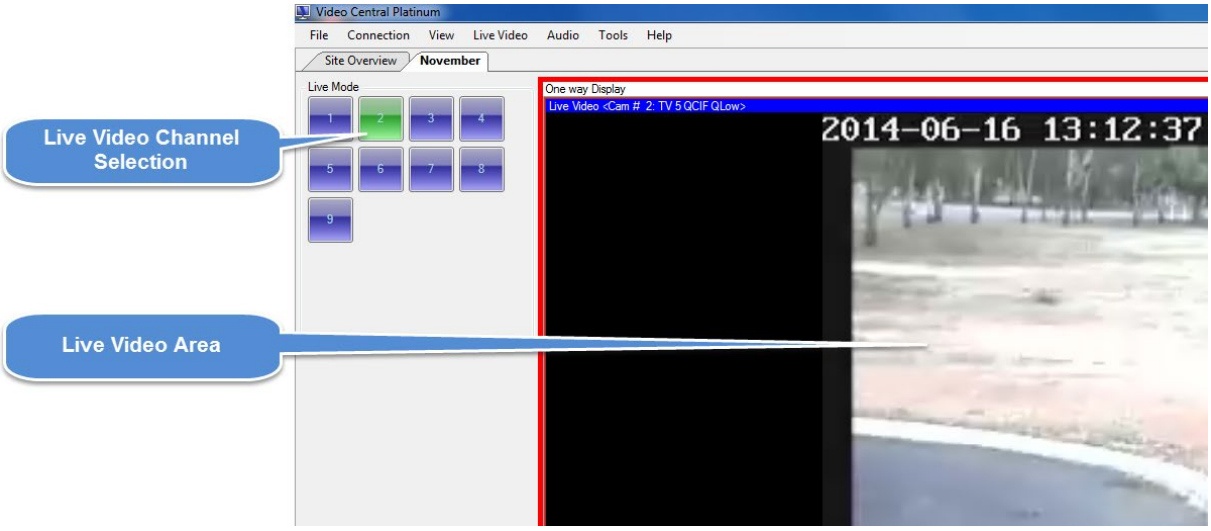


2.2.4.1.4 Review mode

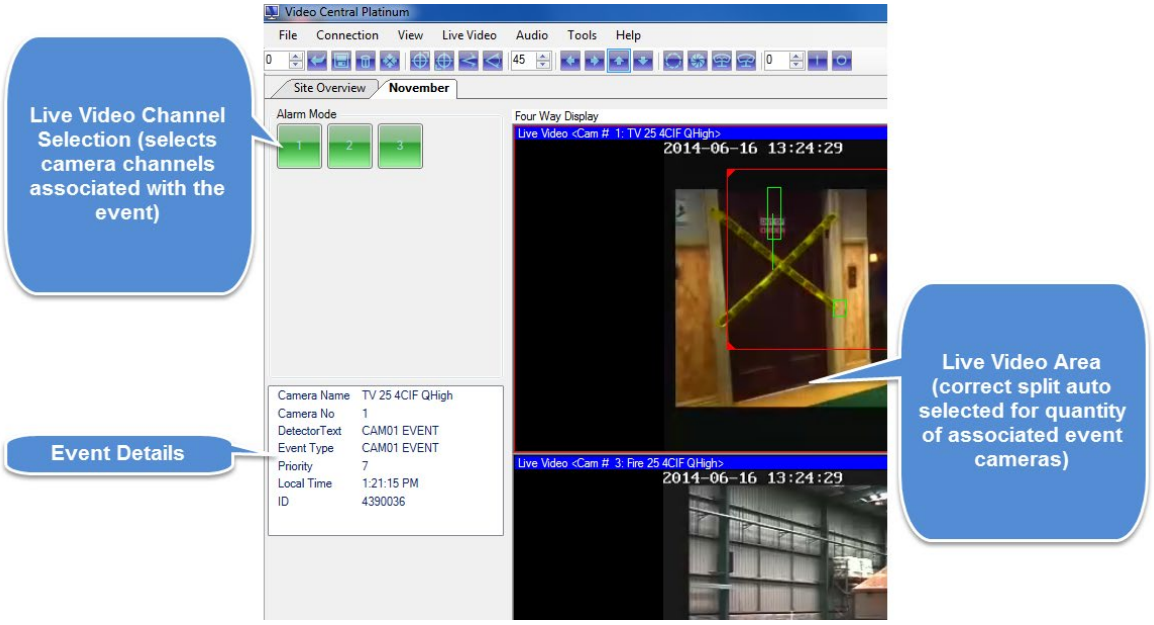


2.2.4.2 Left Hand Control

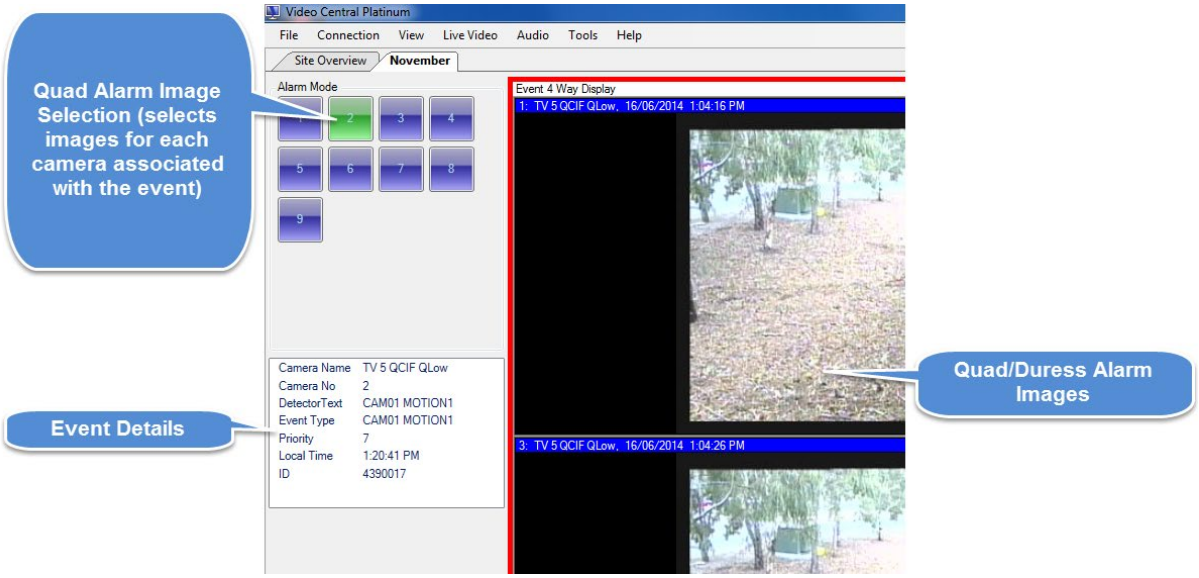
2.2.4.2.1 Live Mode



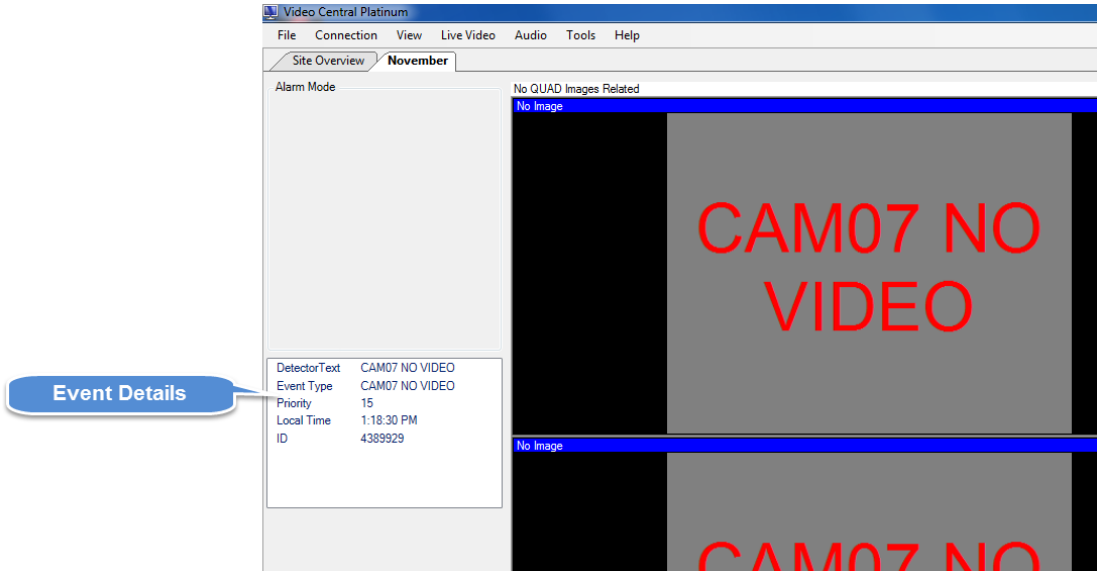
2.2.4.2.2 Alarm Mode with Live or Duress Live Alarm



2.2.4.2.3 Alarm Mode with Quad or Duress Quad Alarm



2.2.4.2.4 Alarm Mode with Text Alarm



2.3 Starting for Single User

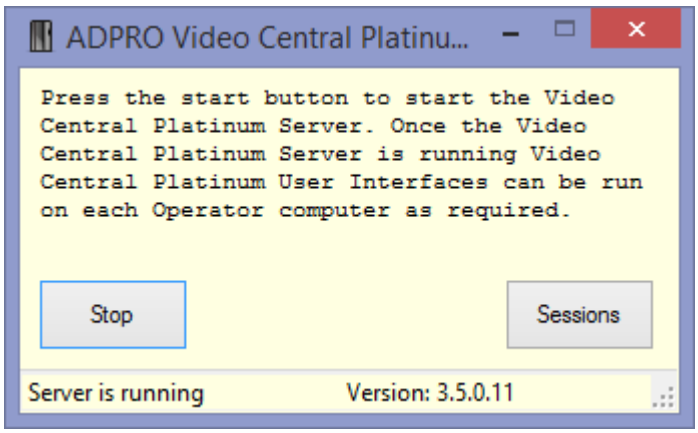
In a single user installation, start the Server and User Interface together by either clicking the **Video Central Platinum** icon  on the Desktop or accessing Start > Programs > Xtralis > Video Central Platinum > Video Central Platinum. After a short pause the Server and User Interface will start and the ADPRO Video Central Platinum Server application will be displayed. Do not click the **Stop** button on the Server. The Server maybe minimized during operation.

After a short delay the User Interface will display the Active Sites List and the system is ready for User Login.

2.4 Starting for Multi User

As a multi user installation, the Video Central Platinum Server and User Interface will start automatically when the PC is started. The User Interface dialog will be displayed ready for User Login once the Server has completed its start process and connected to the User Interface(s).

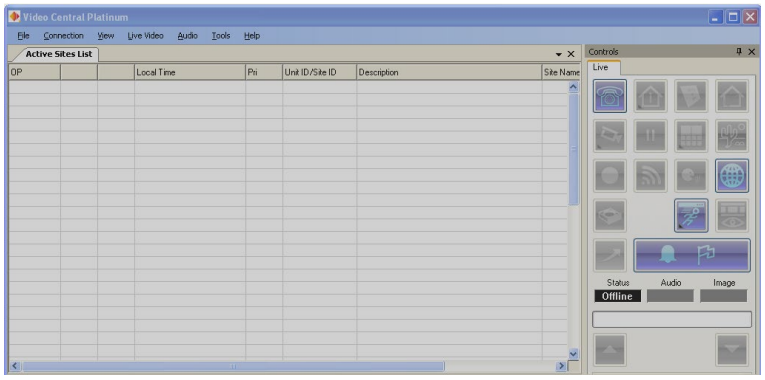
If the Server or User Interface has been manually stopped or closed they will need to be re-started manually. If stopped the server can be started by clicking the **Start** button on the Server application. Double click the desktop icons to start the Video Central Platinum Server  then the User Interface  or alternatively use the Windows Start Menu.



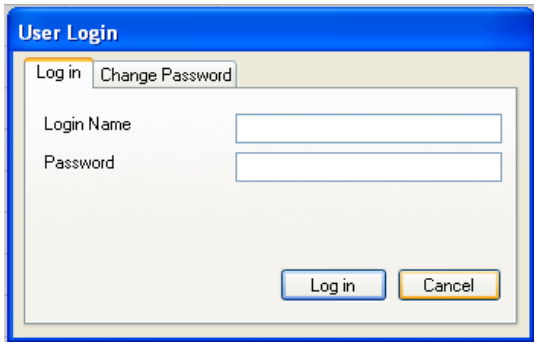
2.5 Logging in as User

2.5.1 Login using default password

Login for Single and Multi User facilities begins at the User Interface screen.



Click anywhere on the Active Sites List and the User Login dialog box will be displayed.



For initial login enter the following defaults in lower case:

- Name: admin
- Password: password.

2.5.2 Changing Password

If you wish to change the password after login, select the Change Password tab.

In the Change Password dialog box re-enter the Login Name and the default Password.

Now enter a New Password which may be alphanumeric and is case sensitive.

Confirm the New Password then click **Change** to complete the process.

You may also change the password at any stage by accessing Tools > Change Password.

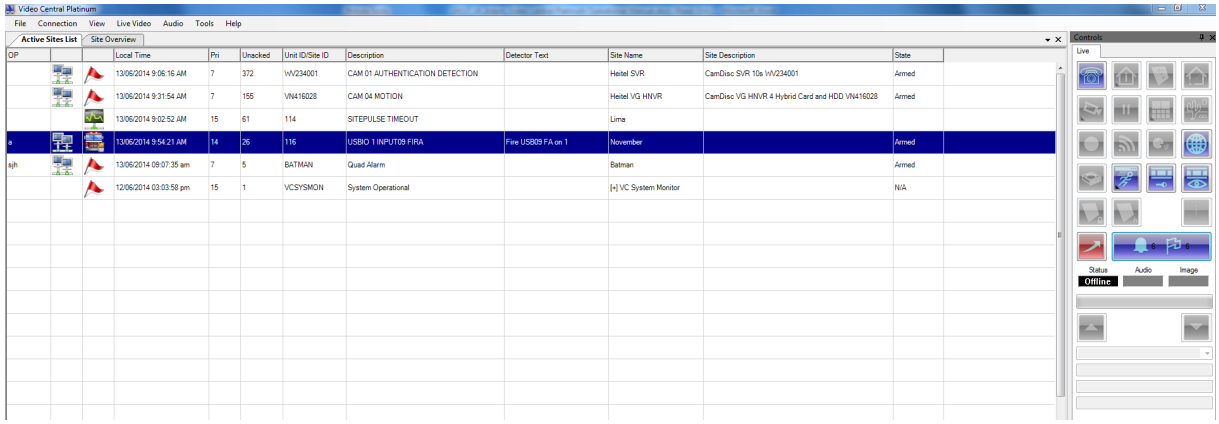


2.6 Site Description

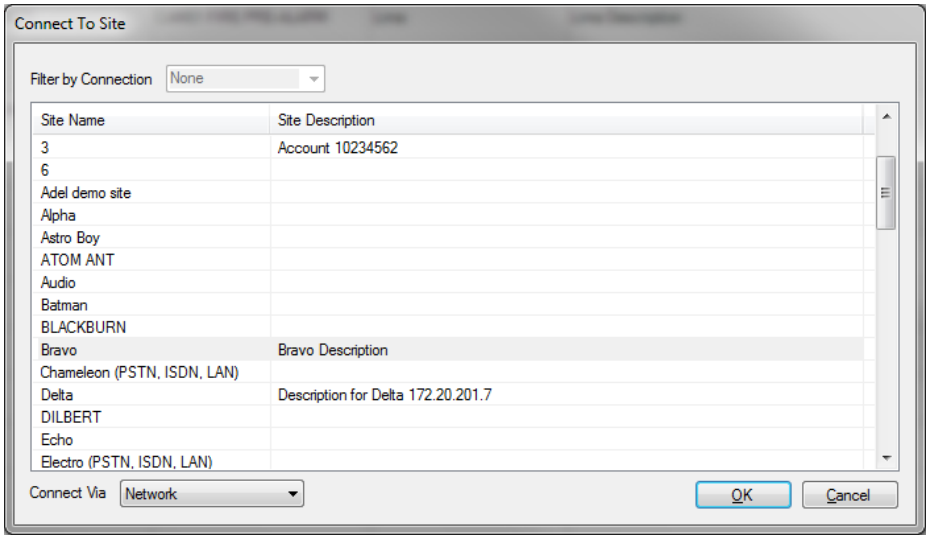
The site description is flexible pre-programmed text that can be used to describe the site, location or account for example with up to 50 characters. It can be observed within the following features;

- Active Sites List (ASL)
- Connect to Site Window
- Site View Mode Title
- Site Details Report
- Private Wall Setup
- Video Wall Setup

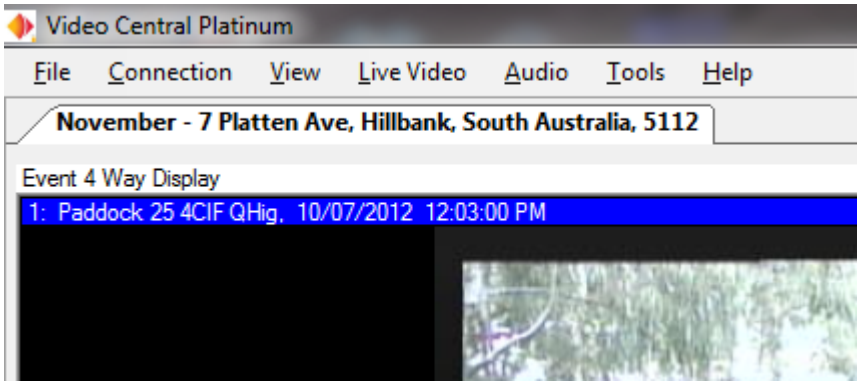
2.6.1 Active Sites List



2.6.2 Connect to Site

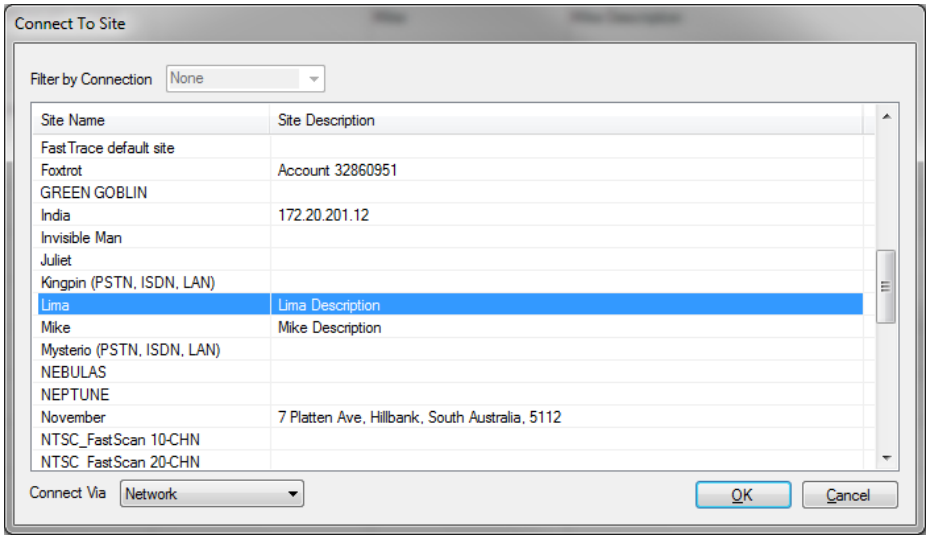


2.6.3 Site View Mode Title



2.7 Connecting to a Site

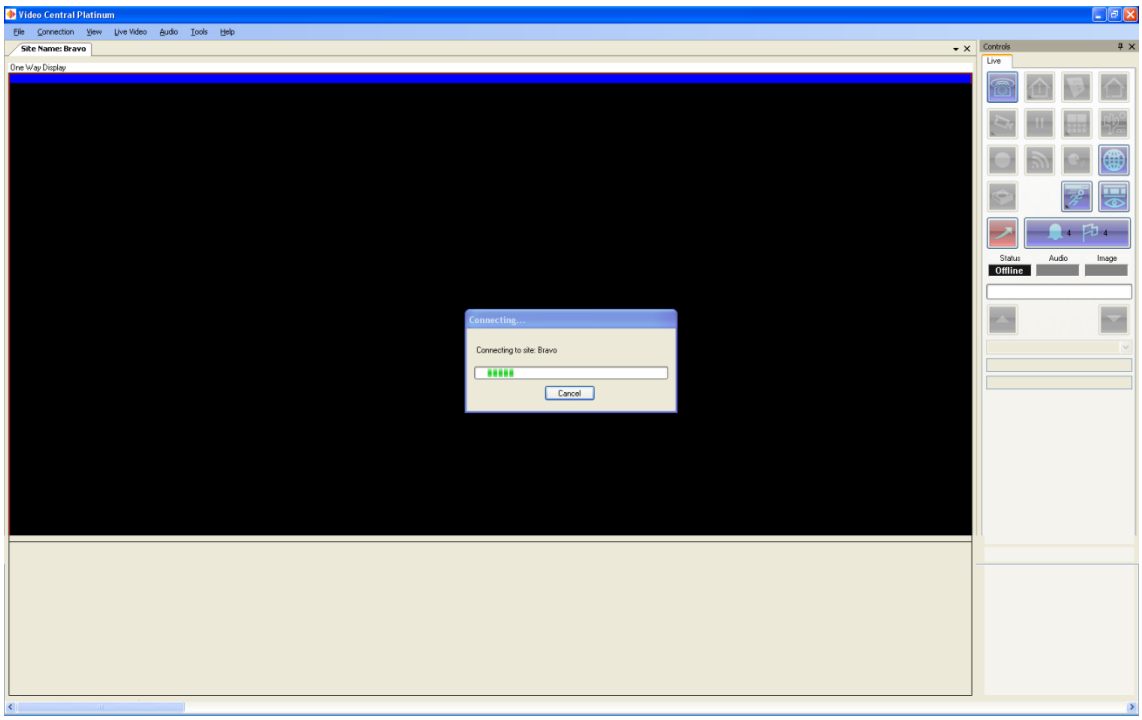
On the Controls area click the **Connect** button to display the connection dialog box.



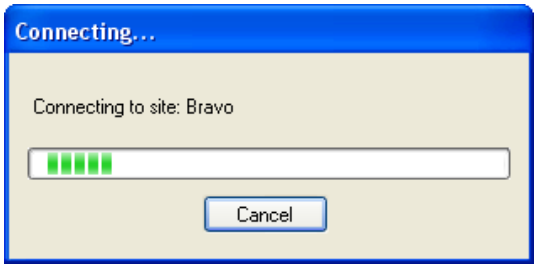
Select the required site and click **OK**.

If the primary connection method is known to be inoperable the ‘Connect Via’ drop down list can be used to select the backup communications method if one is available. Regardless, if a site has a primary and backup connection method programmed Video Central Platinum will automatically try the primary and if the connection fails attempt the backup method.

Video Central Platinum will connect to the unit and display the Site View Mode.



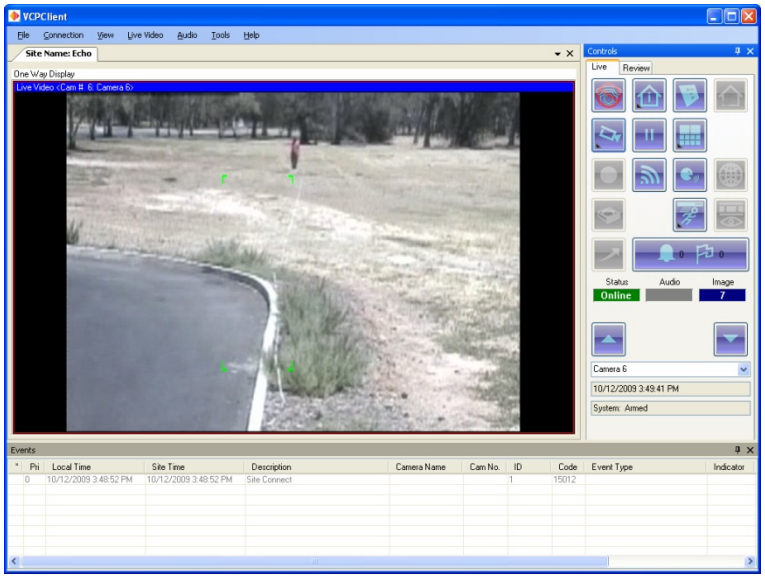
During the connection process the connection can be cancelled by selecting the **Cancel** button on the connecting dialog.



If a connection cannot be made the following dialog will be displayed. Retry the connection and if the connection continues to fail your installer should check user names, passwords, and the physical availability of the unit and interconnected equipment.

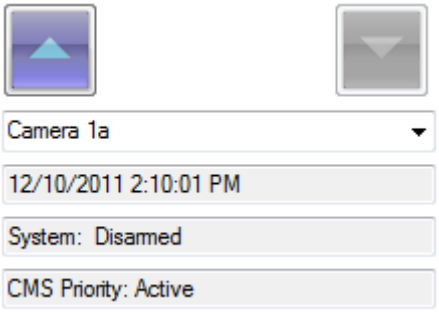


Note: When connecting to a site, the only ‘Connect Via’ option currently available is via Network (TCP/IP). Connecting to Legacy products such as FastTrace enables Network, ISDN and PSTN to be selected as configured within Video Central Platinum.

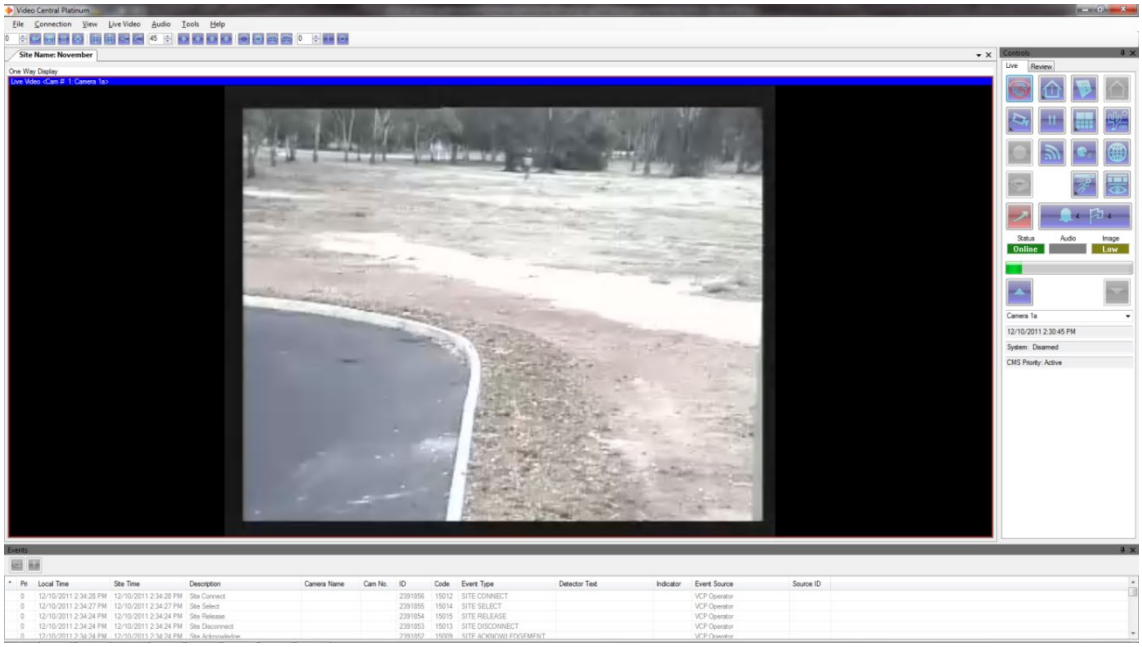


2.8 CMS Priority Control

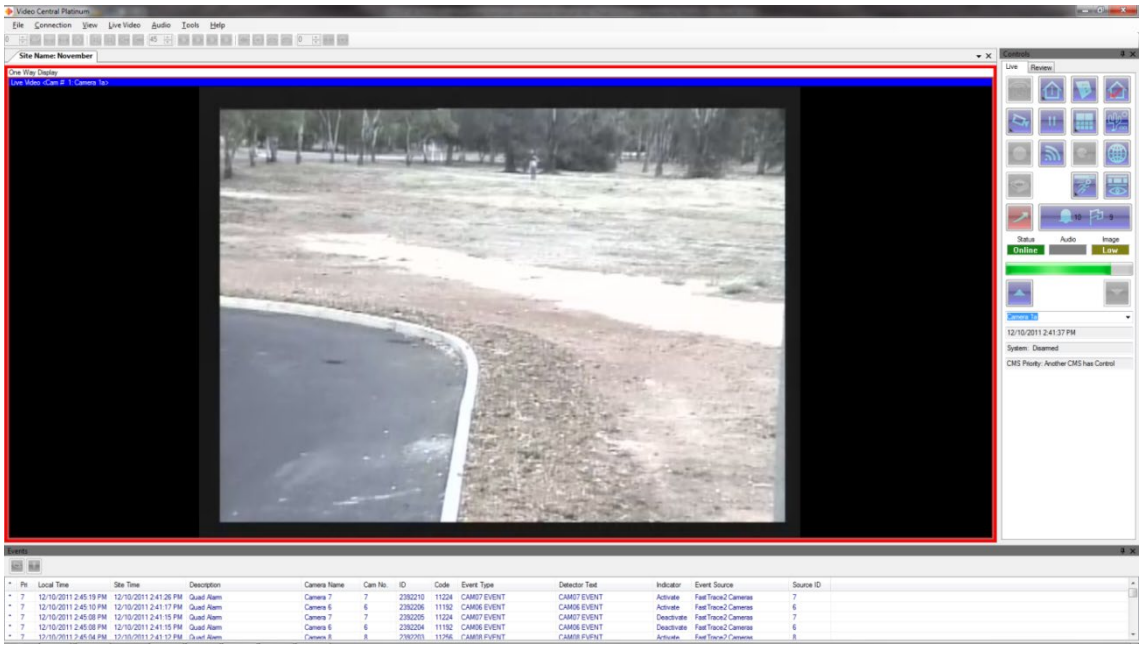
The CMS Priority feature enables only one Video Central Platinum (VCP) CMS to take control of features that may be in conflict with more than one operator. If the CMS Priority feature has been enabled for the site during setup and configuration, when the site is connected to VCP either via the operator connecting to the site or incoming alarms, the first connected VCP CMS will have CMS Priority control. Once control is established the VCP CMS will have control of the PTZ, Local Audio, and Video Quality Settings. Other VCP CMS that connect will observe that these features are not available, the icons are ghosted, and the status is ‘Another CMS has control’. The CMS Priority status is visible on the right-hand controls pane. Once the VCP CMS which has CMS Priority has disconnected and acknowledged all alarms such that it no longer appears on the Active Sites List (ASL) or pushed the site back to the ASL another connected VCP CMS may take control.



Video Central Platinum has CMS Priority (Active). PTZ, Local Audio, and Live Video Quality settings are available.



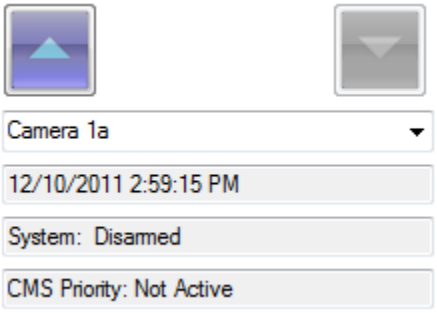
Video Central Platinum does not have CMS Priority (Another CMS has control). PTZ, Local Audio, and Live Video Quality settings are not available.



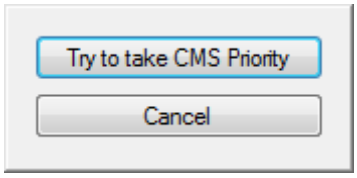
No Video Central Platinum CMS has CMS Priority (Not Active). PTZ, Local Audio, and Live Video Quality are available to all connected operators. This maybe the case if the CMS Priority feature is disabled for this site or another VCP CMS that had control has since disconnected.



When the CMS Priority status is ‘Not Active’ the operator may attempt to take control.

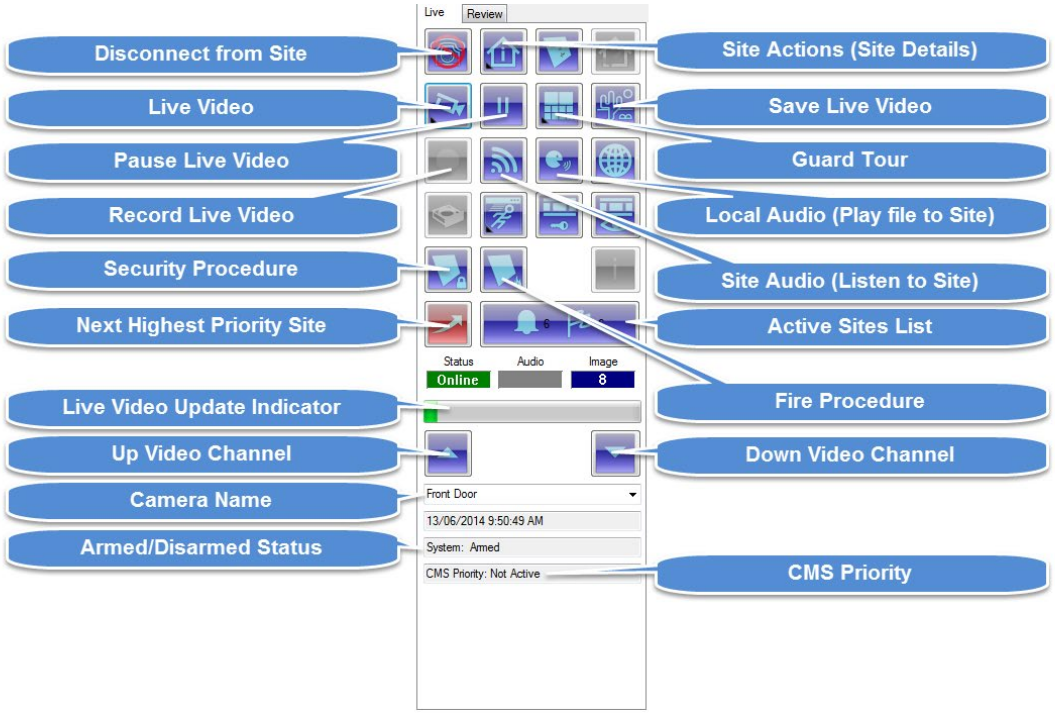


Double Click on the CMS Priority status where it indicates ‘Not Active’ to display the options. Selecting **‘Try to take CMS priority’** will be successful if the sites ‘CMS Priority Feature’ is enabled and another CMS has not since connected and taken control.

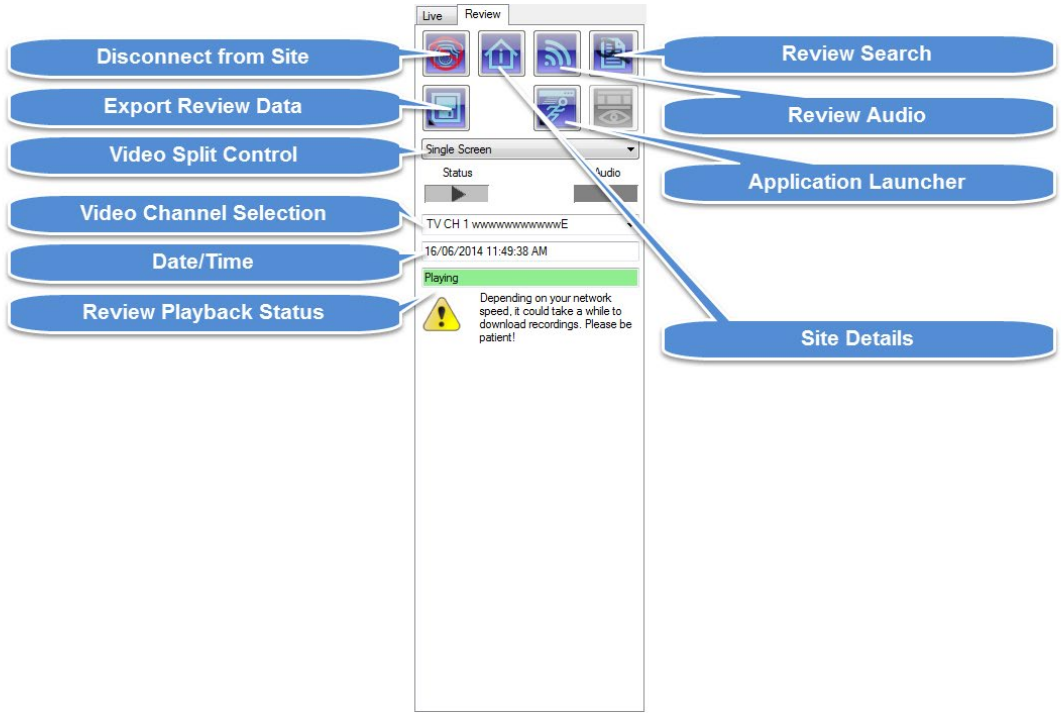


2.9 Switching between Live and Review Mode

To select Site View Mode, click the **Live** tab in the Controls area.



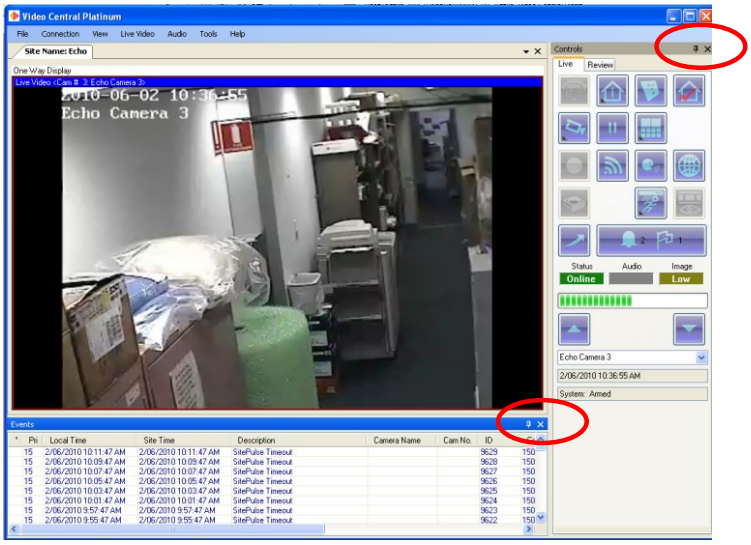
To select Review mode, click the **Review** tab in the Controls area.



2.10 Unpinning Events List and Controls

The Events List at the bottom of the Left Hand Panel and the Controls Area have default positions as shown below and these are held in place by pins as circled. When the control is pinned it is fixed in place. Unpinning the Event List or Controls Area enables them to be minimised into tabs, so reducing the area required. Hovering the mouse pointer over the tabs will maximise the controls for use.

To unpin either item, click on the appropriate pin. This will change to a horizontal position, indicating the item is unpinned.

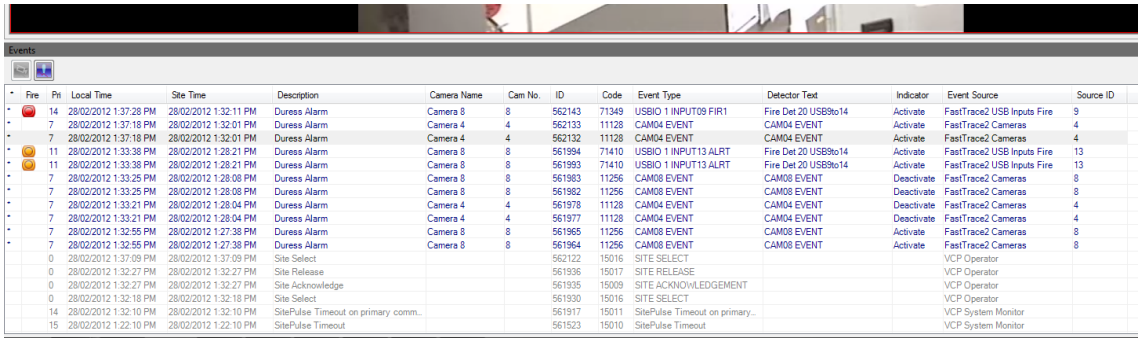


2.10.1 Unpinning the Events List

Click the **Events List** pin and an 'Events' fly out tab will appear at the bottom of the User Interface. To minimise the Events List double click the title bar and only the tab remains visible as shown below.



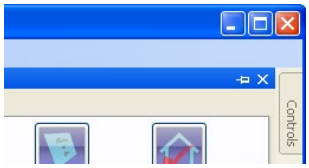
When the mouse hovers over the Events tab, the Events List will fly out to display across the full width of the User Interface. To maintain a maximised state click on the event list or event list title area. When unpinned the Event List height may be adjusted by dragging the resize bar.



To return to the default position, click the **Events** pin again.

2.10.2 Unpinning the Controls Area

Click the **Controls Area** pin and a 'Controls' fly out tab will appear at the right hand side, the pin will change to horizontal to indicate the area is unpinned.



When unpinned, the Controls Area width may be adjusted by dragging the resize bar.

If the Controls Area is unpinned, double click the **Controls Area** Title and the controls will be minimised to tabs. To maintain a maximised state, click on the **Controls Area** Title while maximised.

To return to the default position, click the **Controls** pin again.

2.11 Undocking the Events List

The Events List at the bottom of the Left-Hand Panel has a default position into which it is docked. To undock the Events List, double click its title bar and move it anywhere on the screen by dragging and dropping it. The list height and width may also be adjusted. The list must be pinned before the undocking.

To re-dock, double click the **Events List** title bar.

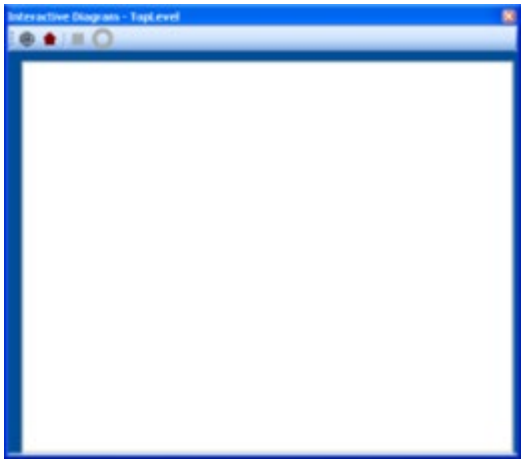
2.12 Undocking Tabbed Views

Typically, a tab view will be converted to a window so that it can be displayed on a different monitor. Most tabbed views in the main window, such as the Interactive Diagrams or Input/Outputs tab, and the Reports views (Search, Live and Resource Monitor), can be undocked, resized, and then moved. The new position and size are remembered. The view will reopen to the last position it occupied before it was closed.

To undock a tabbed view double-click on its tab.



The tab will be converted to a window and can be moved on the desktop.



To convert the window back to a tab, double-click on its title bar.

2.13 Reset Default Layout

To the return Video Central Platinum to its default layout, select View > Reset Default Layout or click F12.

2.14 Disconnecting from a Site

If no alarms are present the **Disconnect** button will be active, click this button to disconnect from the site and return to the Active Sites List.

If there are outstanding events that have not yet been viewed, click **Acknowledge Site** and Disconnect which, will immediately disconnect the site.

The Site Acknowledgement dialog will be displayed for a comment to be entered.

2.15 Switching between Video Central Platinum Users

The outgoing User will log out by selecting File > Logout from the User Interface menu.

The incoming operator will log in using a valid Login Name and Password.

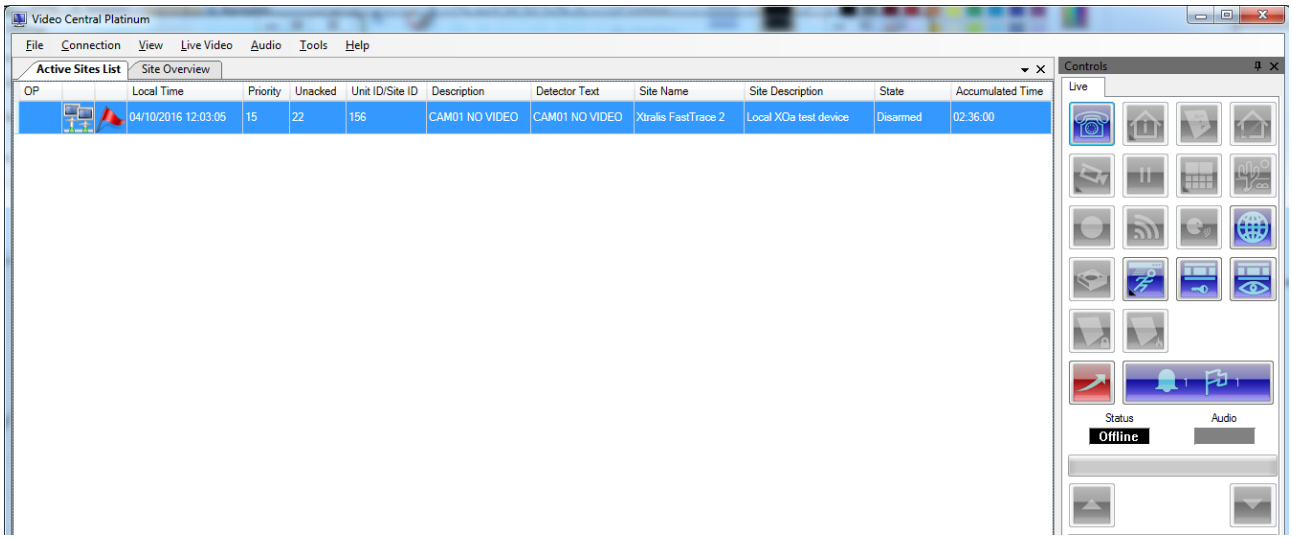
2.16 Managing the Active Site List (ASL)

The Active Site List (ASL) is the central management location for all sites. From the ASL new sites can be connected or sites with alarms selected.

The **Active Site List** shows sites that are in alarm or currently being viewed by an Operator.

Double clicking on an entry in the list will connect to the site and display the event.

The ASL column widths can be altered and are saved when Video Central Platinum User Interface is closed. Additionally, the User Interface Options allow to specify which ASL columns should be visible.



2.16.1 ASL Explanation

An explanation of the symbols in the above example is as follows:

Column	Function
1	OP - The identification (login name) of the Operator currently viewing the site or if it is not being currently viewed, the last Operator to do so.
2	 - The site is connected via Network Communication. If no icon is present then the site is not connected to Video Central Platinum.

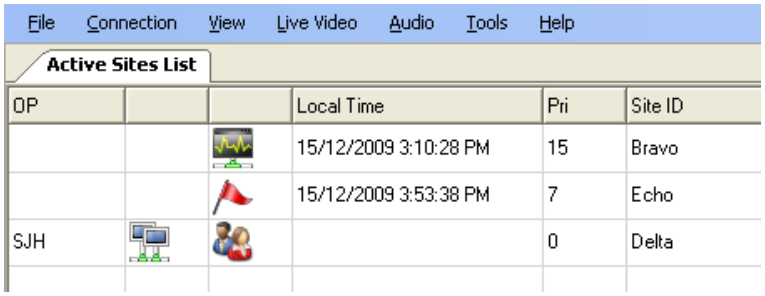
Column	Function
3	 - A SitePulse event has occurred. This means the site connection was lost for longer than the SitePulse Timeout period and indicates a communication or equipment fault.  An operator has control of the site. If the  icon is present then Column 1 indicates the login name of the operator who currently has control of the site. If the  icon is not present then Column 1 indicates the login name of the last operator who had control of the site.  Indicates the site has new security event/alarms since last being viewed.  Indicates the site has new fire event/alarms since last being viewed i.e. FIRE-P (Fire Primary), FIRE-A (Fire Advisory) or Fire Alarm - Orange FIRE-T (Fire Trouble) - Yellow **Note:** Only the highest priority event will be shown in the Active Sites List (ASL). This means if a security event is present with a higher priority than the fire event(s) the fire event and icon **WILL NOT** be shown in the ASL. The flag will be displayed to indicate a high priority security event.
4	Local time – the time of the event when received at the monitoring station
5	Pri – the event priority as assigned during setup
6	Unacked – Provides the total quantity of unacknowledged events.
7	UnitID - the identifier of an ADPRO XO or HeiTel site as assigned during setup SiteID - the identifier of a Legacy site as assigned during setup
8	Description – the event type
9	Detector Text defaults to the Event Type. When it is assigned to a particular Input/Output Behaviour Name setting during the ADPRO XO device configuration, it can provide a meaningful description for a detected alarm. For SITE RELEASE, SITE CONNECT, SITE SELECT, SITE DISCONNECT events the detector text will be set to the operator name who performed the action.
10	Site name – for Video Central Platinum this is the same as the SiteID
11	Site Description – Flexible pre-programmed text that can be used to describe the site, location or account for example with up to 50 characters.
12	State – armed or disarmed
13	Accumulated Time – indicates how long the entry is on the ASL without being cleared off.

The number next to the Bell icon indicates how many sites in the ASL have events present. The number next to the Flag icon indicates in how many sites in the ASL have events that have not been viewed by the Operator



In the following example:

- Bravo has a SitePulse event present.
- Echo is not connected to site and has alarms present that have not been viewed by the Operator.
- Delta is connected via a Network and is currently under the control of an operator with the login name of SJH.



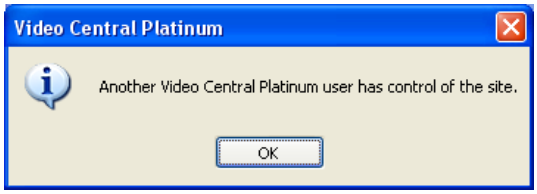
2.16.2 Selecting a Site from the ASL

Select a site from the ASL by any of the following methods:

- Double click directly on the site in the ASL.
- Connect to the site via the **Connect** button .
- If events are present, select the **Next Highest Priority (NHP)** button. This will select the site with the highest priority event based upon the ASL Site Priority.
- The ASL Site Priority (or sort order) can now be set to (refer to VCP Setup and Configuration Manual for details);
  a) Highest Priority and Time (default)
  b) Highest Unacknowledged Event Count
  c) Oldest Event Time
  d) Newest Event Time

2.16.3 Operator has Control of Site

Only one operator can manage and view a site at any time. If a second operator selects a site that is already under control then the following message is displayed:



2.16.4 Switching a Site between Operators

Sites can also be 'pushed back' to the ASL from Site View mode by clicking the **ASL** button. This will disconnect the operator and display the ASL. When the site is back on the ASL a different operator may select it, thereby switching control.

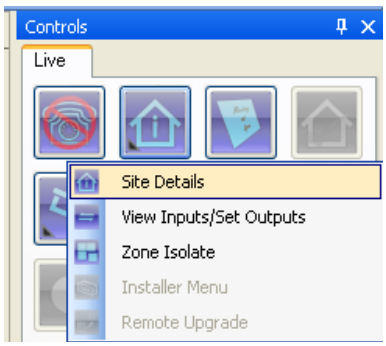


2.17 Viewing Site Details

Site Details provides the Operator with a report giving relevant information about the site including who to notify, owner details, site location and site images.

To access Site details click **Site Actions** and select Site Details from the drop down menu. After a short pause the Site Details report will be generated and displayed.

Note: The site details report will display the details programmed when the site was added.



Notification

This area includes the name, photo, and contact details of the person/people to be contacted if an event occurs. A Question and required Answer is provided so the Operator can validate the identity of the site contact.

Owner

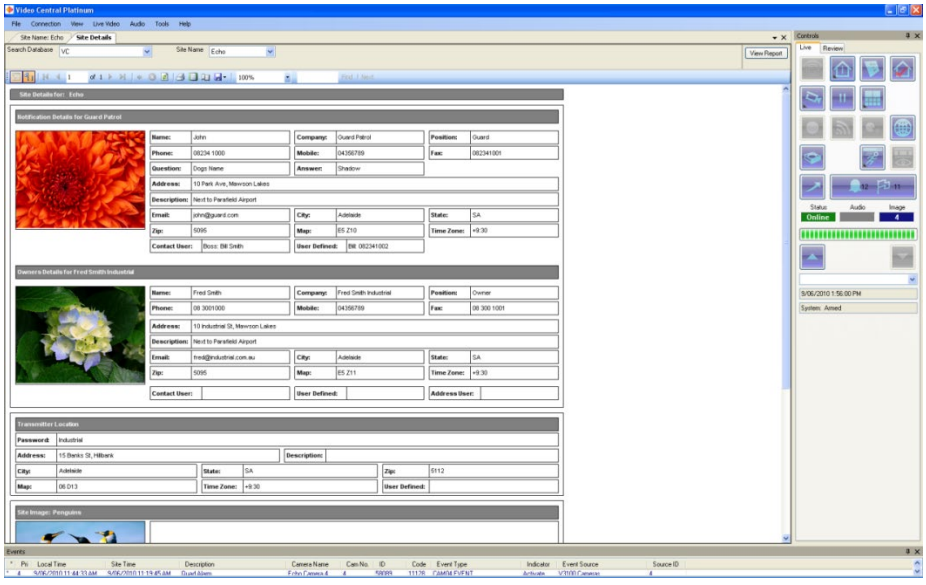
This area contains the contact details of the Site Owner. An 'All OK' password can be requested to validate the identity of anyone calling the monitoring station from the site to confirm that everything is satisfactory.

Transmitter Location

This area provides the site location and a security identification password.

Site Images

Various stored images enable the Operator to identify key features of the site.



2.18 Security and Fire Procedures

Procedures are instructions to Installers/Operators on a given alarm. These instructions may include contact details, instructions, maps, or steps to resolve issues. Procedures can be displayed in response to a site's Security and Fire events in either text format, pictorial or html formats. The events display the procedure in the Security or Fire Procedure tab/window once it has been opened.

While in Live View mode for a site, click the **Security Procedure** or **Fire Procedure** button in the Controls panel to open the Security/Fire Procedure tab/window for that site.



After a site has been configured it has a default Web URL (Web page) or other compatible file associated with security class and/or fire class events.

For Security and Fire events, when an event is clicked on in the Events tab the default procedure for its class of events will be displayed, unless a specific procedure has been configured to display for that site event.

For Video Central Platinum events, when an event is clicked on in the Events tab the last procedure is displayed again unless a procedure has been configured for that particular event, in which case the configured resource (file or URL) will be displayed.

2.18.1 View the Security/Fire event as tab or window

When the **Security/Fire Procedure** button is clicked the procedure will initially be viewed in a tab. To convert the tab to a window simply double-click on the tab label, you can then move the window that opens and resize it. Typically this window will be displayed on its own monitor.

To convert a window to a tab, double-click on its title bar.

When Video Central Platinum opens the Security/Fire procedure it will remember its size and position from its last operation.

2.19 Viewing Inputs and Viewing or Setting Isolation and Output Status

To view input status and view or set isolation and output status, access the Status dialog via the **Site Actions** button and then select **View Inputs/Set Outputs**. Select the appropriate tab to display the status of cameras, ADPRO XO or HeiTel input devices and outputs.

Across the bottom of each dialog are quick reference bars. These provide overall views of all inputs and outputs and allow the Operator to quickly display details of individual groups.

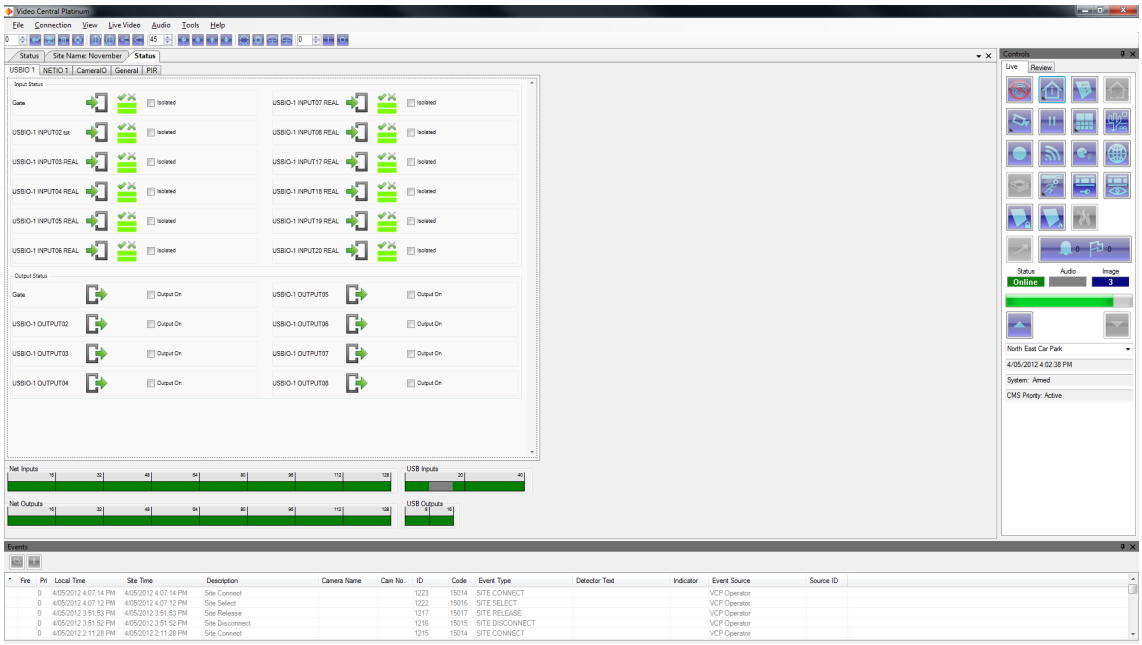
The bars are divided into groups and arranged as USB inputs and outputs, Net inputs and outputs, Camera input and outputs, General and PIR.

2.19.1 USBIO

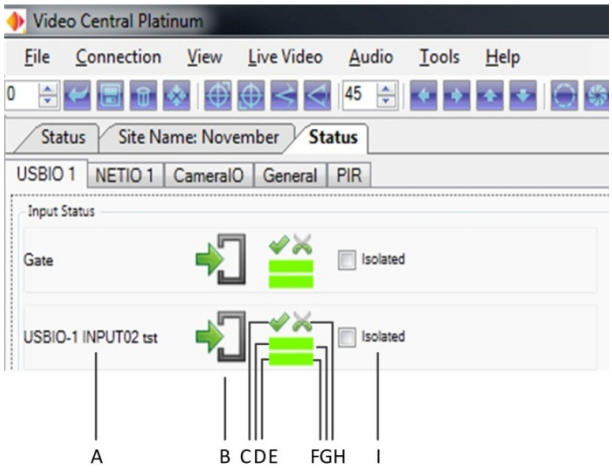
Each USBIO Inputs tab shows the status – Sealed, Active or Tamper - of up to 20 devices.

Operator can unisolate or isolate each input by checking or unchecking the **Isolated** button.

Each USBIO Outputs tab displays the status – On or Off - of up to 8 outputs. The Operator can control each output by clicking the **Output On** button.



The following table describes each of the icons:



		Function
A	Text	Name of USB Input or Output
B		Level of Threat. This icon changes colour due to level of threat: OK - Green Input active - Yellow
C		Detector Status Icon.
D		Isolation Status of Detector UNISOLATED - Green ISOLATED - Red
E		State of Detector Input. This icon changes colour due to level of threat: OK - Green Input active - Yellow
H		Detector Tamper Status Icon

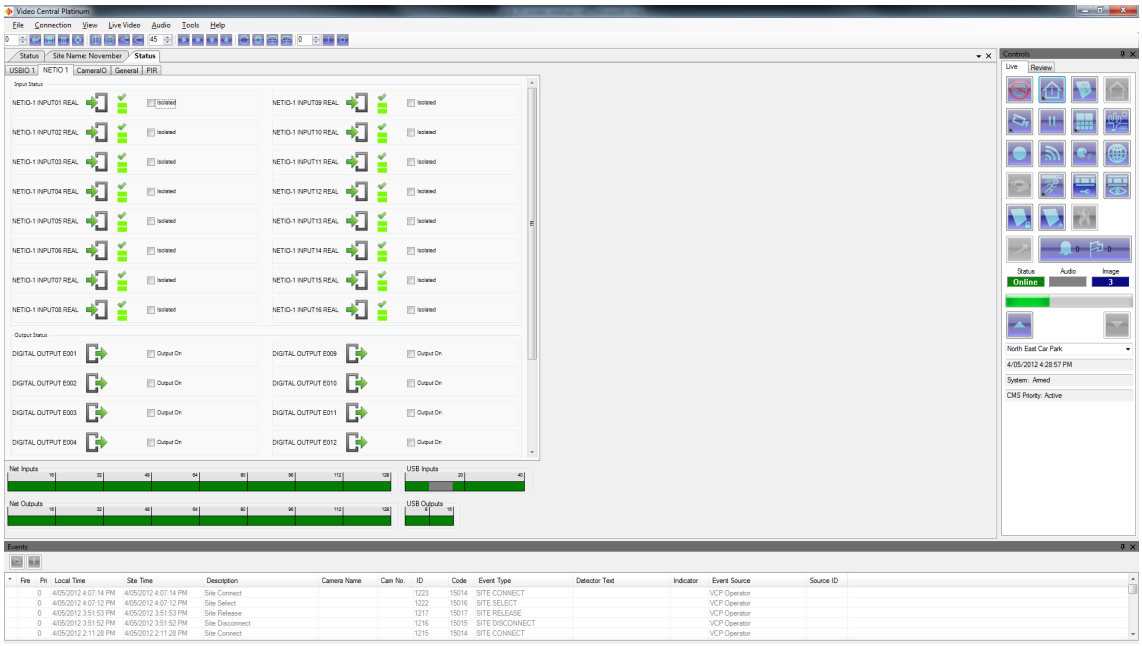
		Function
G		Isolation Status of Detector Tamper UNISOLATED - Green ISOLATED - Red
F		State of Detector Tamper Not in Tamper - Green In Tamper - Yellow
I	Set Isolation State	Will isolate both Input and Tamper.

2.19.2 NetIO

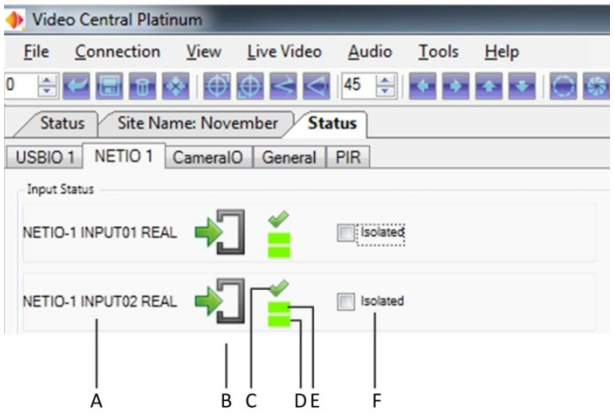
Each NetIO Inputs tab shows the status – Sealed or Active - of up to 16 devices.

The Operator can unisolate or isolate each input by checking or unchecking the **Isolated** button.

Each NetIO Outputs tab displays the status – On or Off - of up to 16 outputs. The Operator can control each output by clicking the **Output On** button.



The following table describes each of the icons:

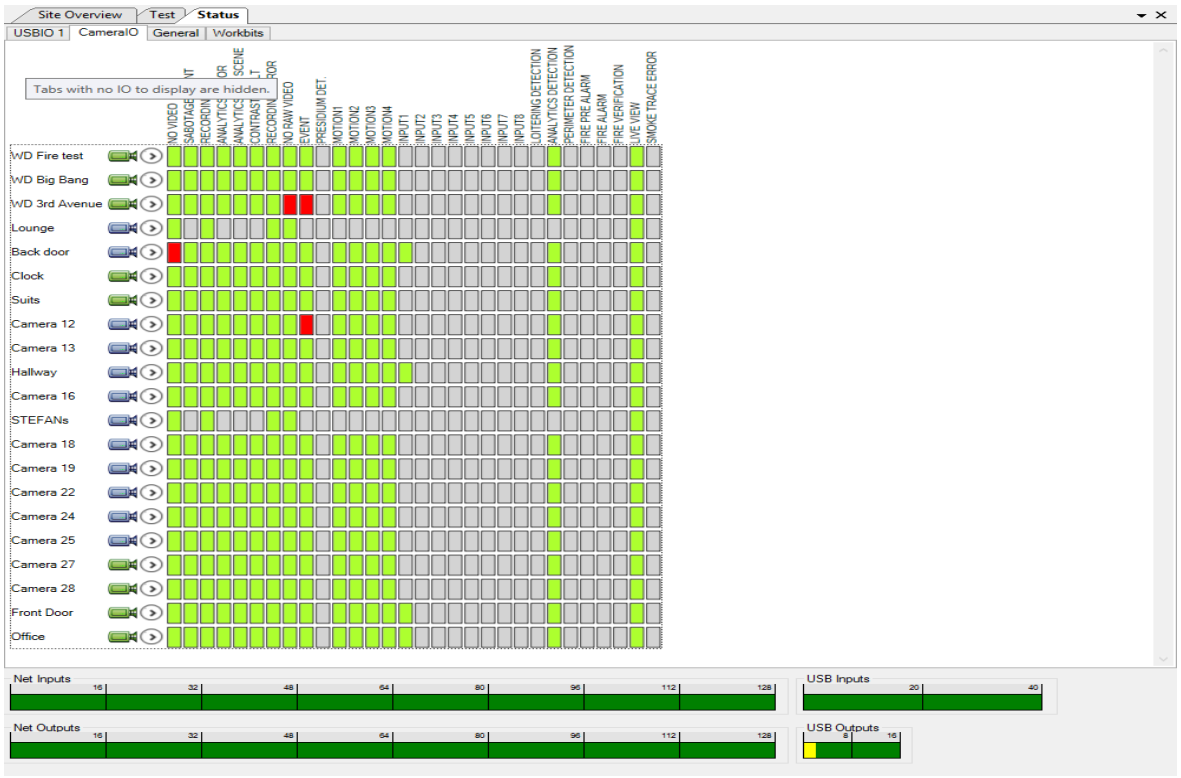


		Function
A	Text	Name of NetIO Input or Output
B		Level of Threat. This icon changes colour due to level of threat: OK - Green Input active - Yellow

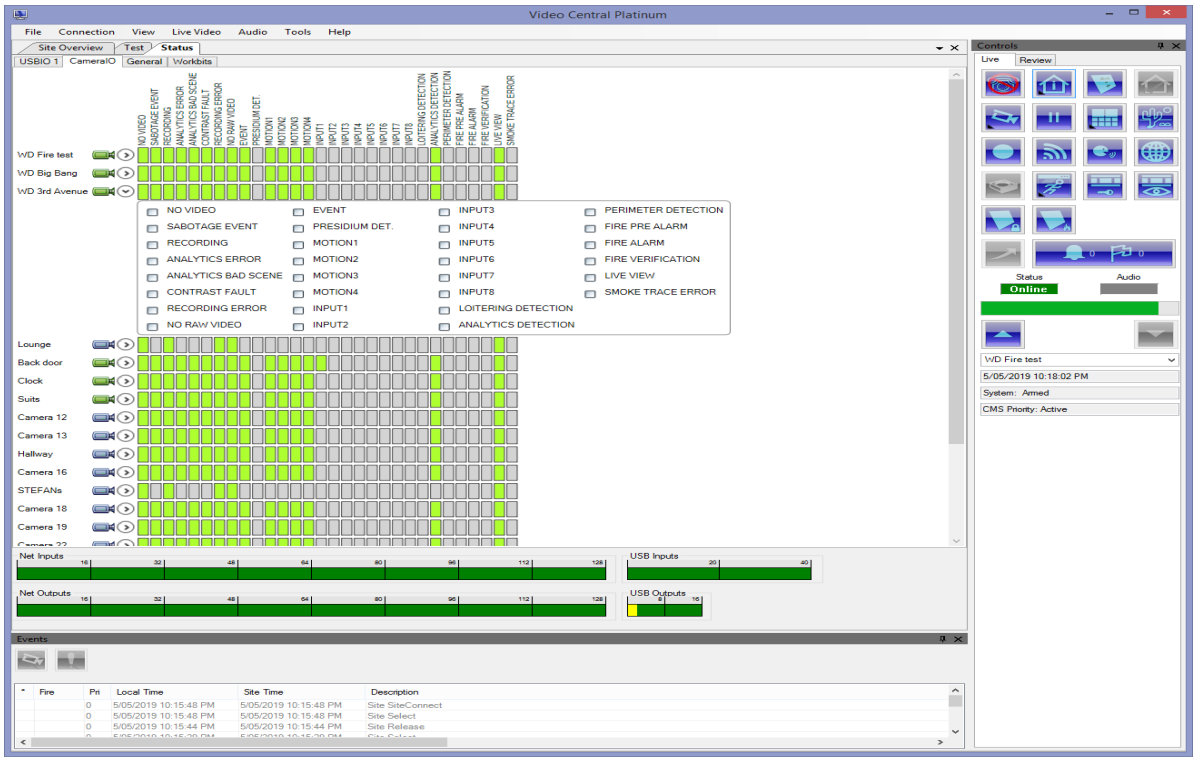
		Function
C		Detector Status Icon.
D		State of Detector Input. This icon changes colour due to level of threat: OK – Green Input active - Yellow
E		Isolation Status of Detector: UNISOLATED – Green ISOLATED - Red
F	Set Isolation State	Will isolate Input

2.19.3 Camera IO

The Camera tab displays a summary of all the I/O elements for each of the cameras that are configured at the transmitter.



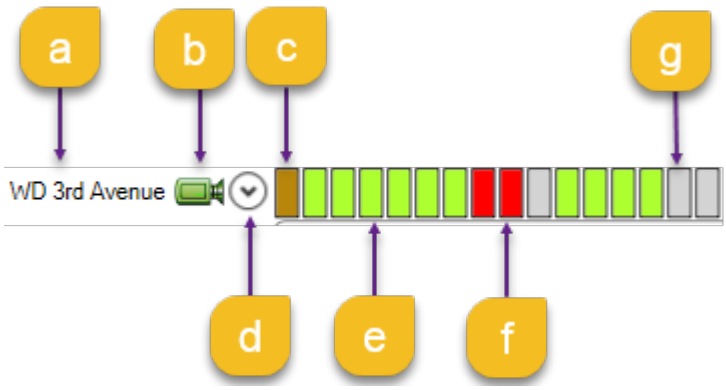
I/O elements associated with a camera may be manipulated via clicking on the arrow selector to the right of the camera icon.



Multiple camera I/O checkboxes rows may be opened at the same time.

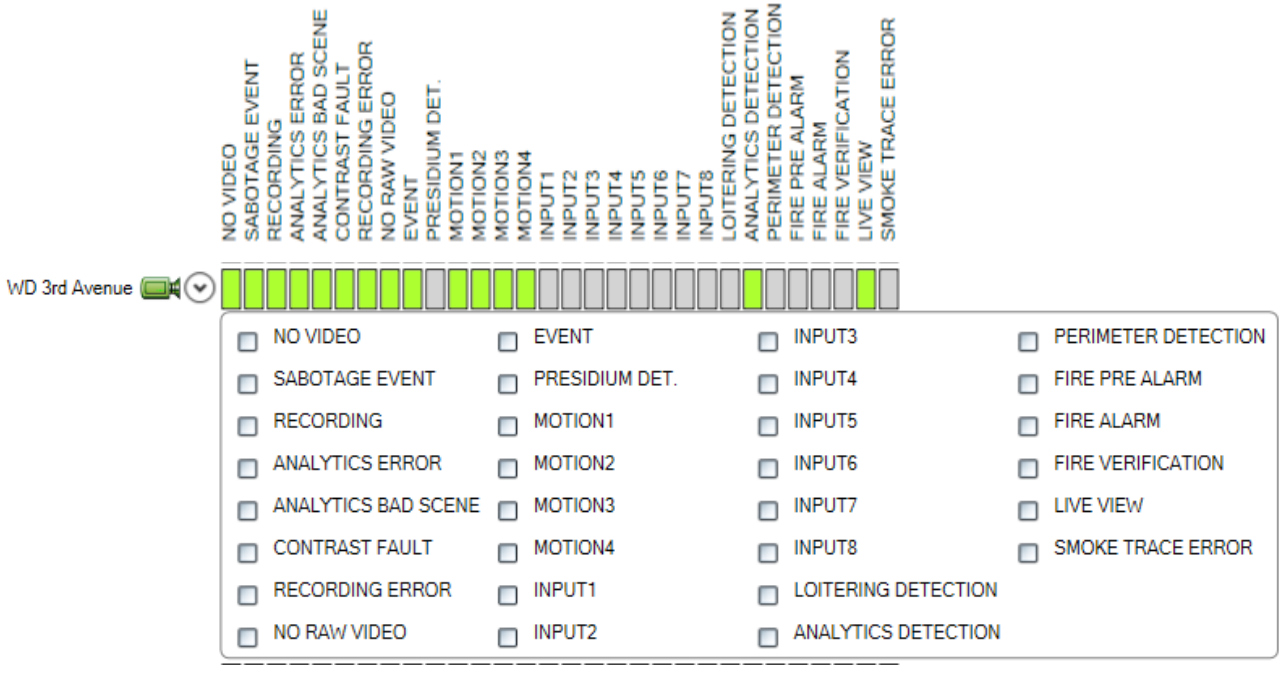
The following picture and table describe each of the icons in a camera's summary row.

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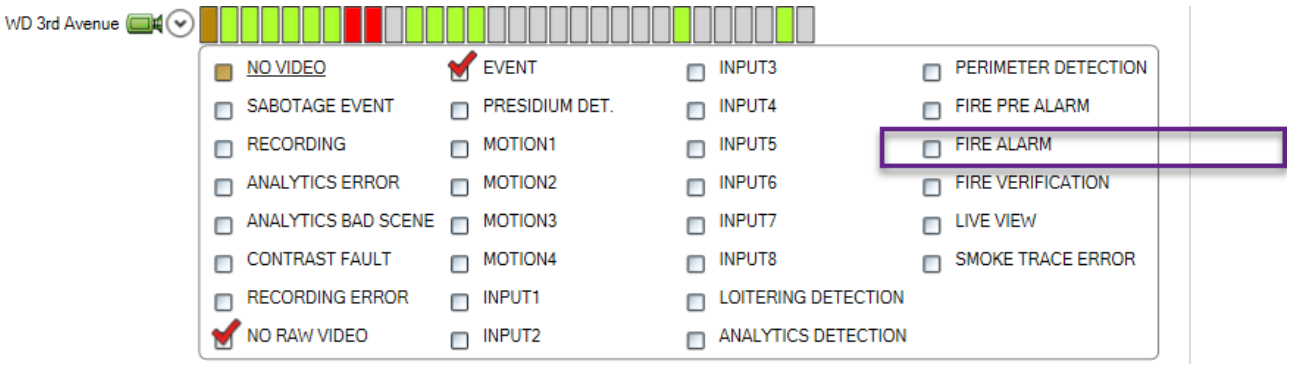
		Function
a	Text	Name of camera
b		Stream status, green for functional, otherwise blue.
c		Indicator: State change in progress
d		Detail selector.
e		Indicator: Element enabled
f		Indicator: Element isolated
g		Indicator: Element disabled.

To change the status of a camera's I/O element click on the detail selector to reveal the checkboxes



Clicking on a checkbox will attempt to toggle the I/O element. Once the change has been confirmed at the transmitter it will be given a red tick and the indicator state colour will change.

In the following example, the NO VIDEO checkbox has just been clicked and the indicator state colour temporarily shows orange whilst it is being confirmed.

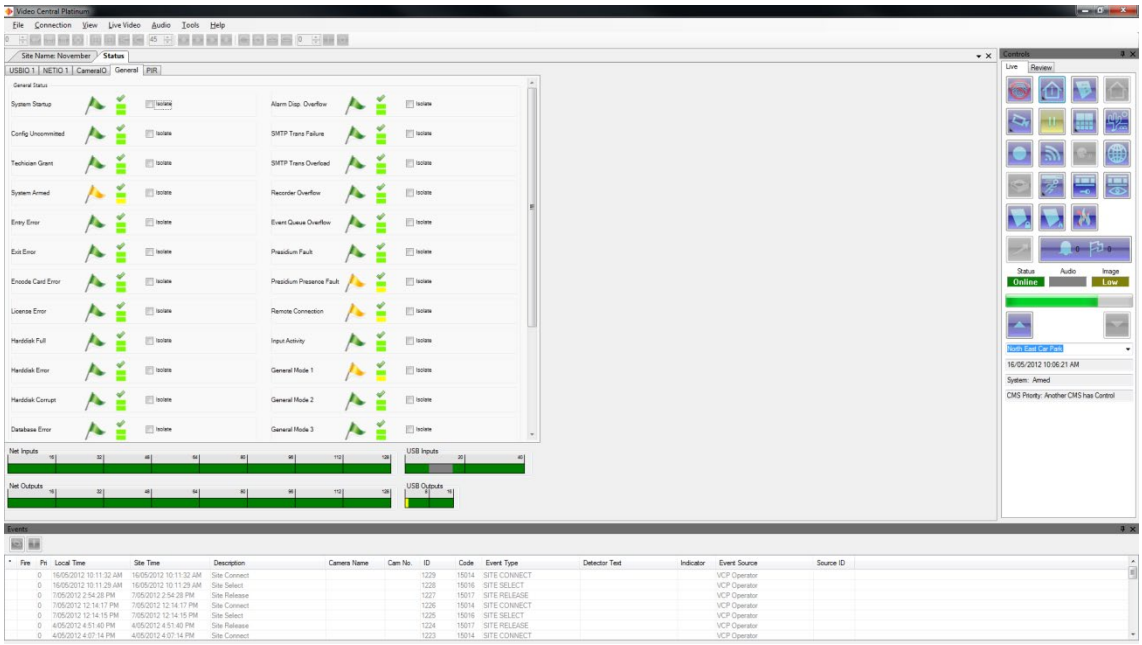


Elements which cannot be manipulated, such as shown above in the purple hi-lighted “Fire Alarm” checkbox will not respond to mouse clicks and their status in the summary row will remain grey.

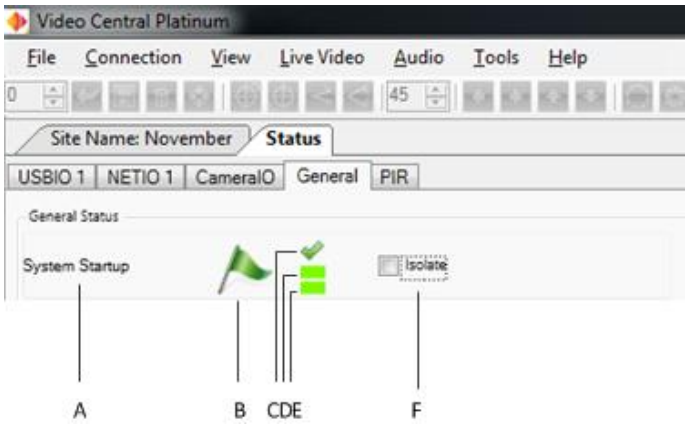
Note: The red ticks, identifying the changes which have been made, will persist only whilst there continues to be a connection to the transmitter.

2.19.4 General

The General tab displays the status – Inactive or Active and Unisolated or Isolated of system-related functions. The Operator can unisolate or isolate each input by checking or unchecking the **Isolate** button.



The following table describes each of the icons:

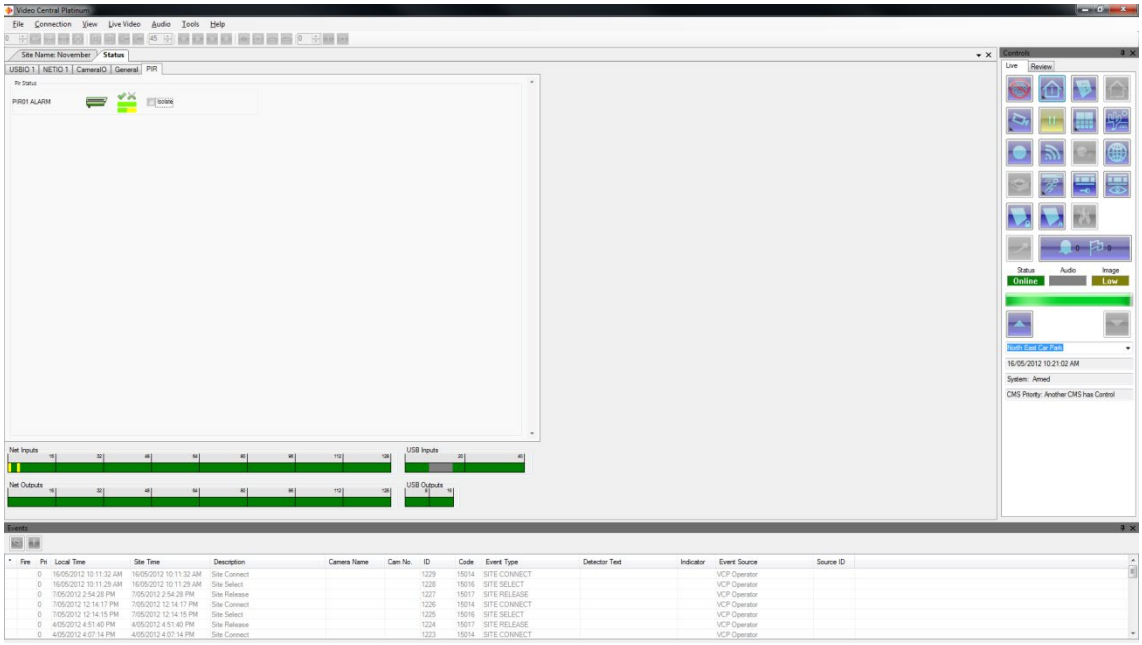


		Function
A	Text	Name of Function
B		Level of Threat. This icon changes colour due to level of threat: Inactive - Green Active - Yellow
C		Detector Status Icon.
D		Isolation Status of Detector UNISOLATED - Green ISOLATED - Red
E		State of Detector Input. This icon changes colour due to level of threat: Inactive - Green Active - Yellow
F	Set Isolation State	Will isolate system input.

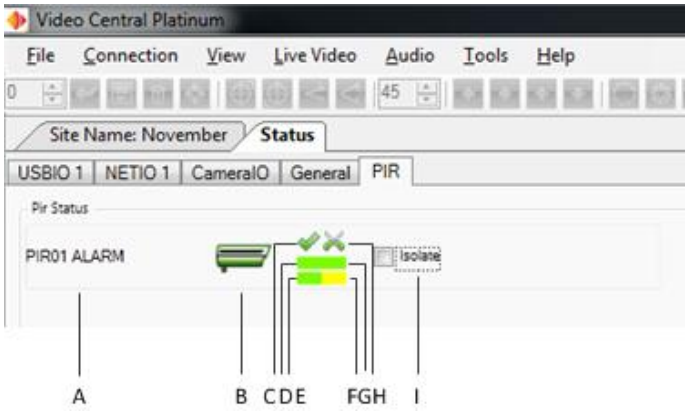
2.19.5 PIR

The PIR tab displays the status – Sealed, Alarm or Double Knock and Unisolated or Isolated. The Operator can unisolate or isolate each PIR by checking or unchecking the **Isolate** button.

Note: If multiple threat levels are active at the same time only the highest level is displayed.



The following table describes each of the icons:



		Function
A	Text	Name of PIR
B		Level of Threat. This icon changes colour due to level of threat: OK – Green Alarm – Orange Double Knock - Red
C		Detector Status Icon.
D		Isolation Status of PIR UNISOLATED - Green ISOLATED - Red
E		State of Detector Input. This icon changes colour due to level of threat: OK – Green Alarm – Orange Double Knock - Red
H		Detector Tamper Status Icon

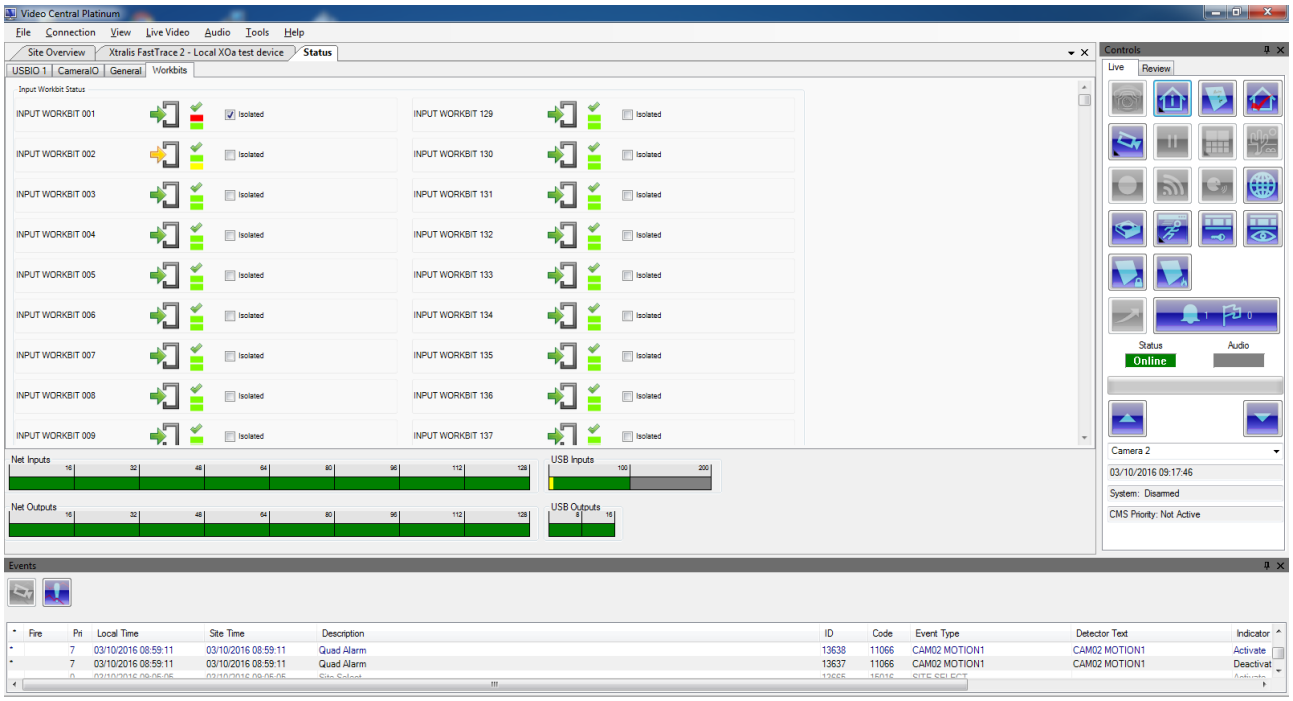
		Function
G		Isolation Status of Detector Tamper UNISOLATED - Green ISOLATED - Red
F		State of Detector Tamper Not in Tamper - Green In Tamper - Yellow
I	Set Isolation State	Will isolate Presence, Alarm, Tamper and Double Knock

2.19.6 Workbits

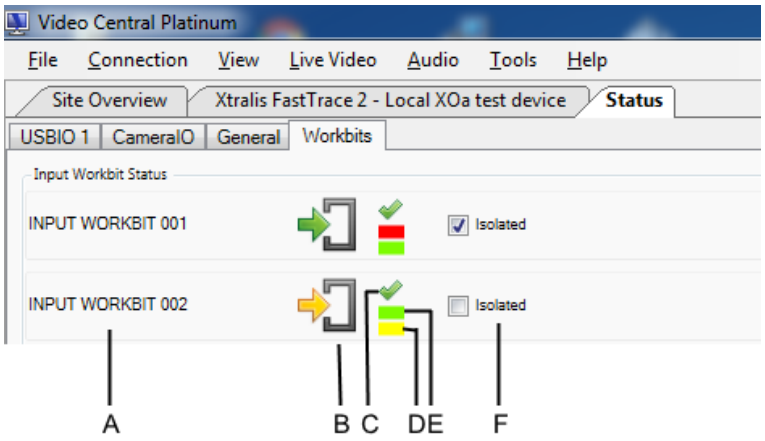
The Workbits tab shows the status of 256 inputs – Isolated or Active.

The Operator can unisolate or isolate each input by checking or unchecking the Isolated button.

The Workbits tab also displays the status – On or Off - of 256 outputs. The Operator can control each output by clicking the Output On button.



The following table describes each of the icons:

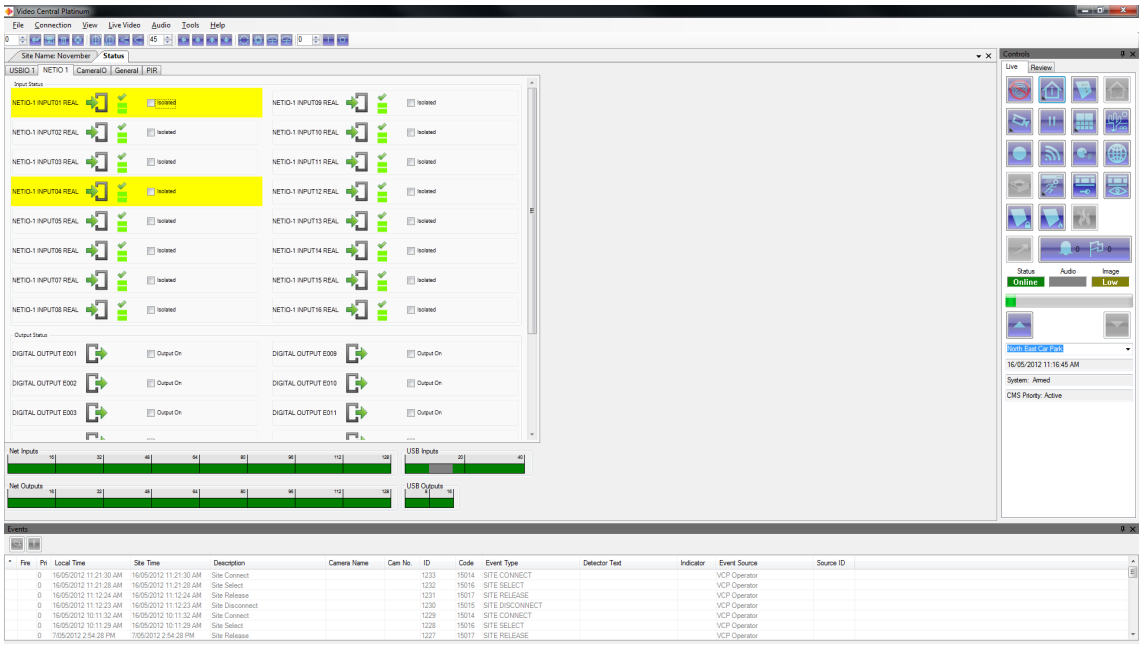


		Function
A	Text	Name of Workbit Input or Output

		Function
B		Level of Threat. This icon changes colour due to level of threat: OK – Green Input Active– Yellow
C		Detector Status Icon.
D		State of Detector Input. This icon changes colour due to level of threat: OK – Green Input active - Yellow
E		Isolation Status of Detector UNISOLATED – Green ISOLATED – Red
F	Set Isolation State	Will isolate Input

2.19.7 Walk Test

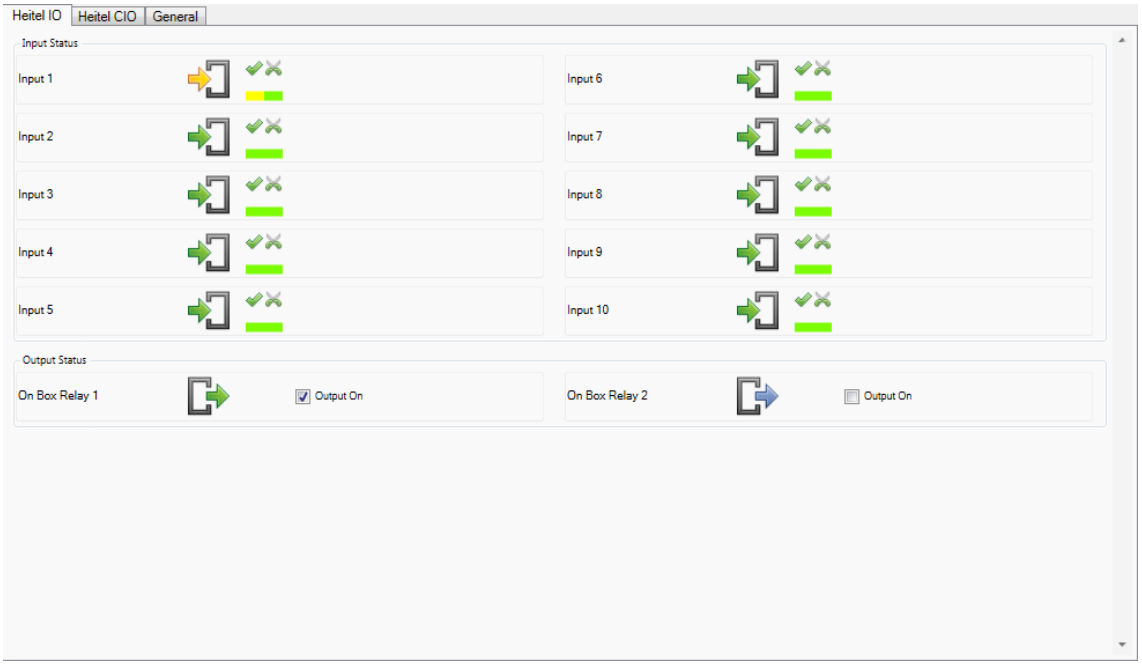
A Walk Test can be conducted for each of the input devices to test if it is working properly. To start the Walk Test, right click on the input screen and click **Start Walk Test**. A test of the necessary input devices can then be done. A yellow box will appear to indicate that a trigger has occurred. To end the testing, right click on the input screen and click **End Walk Test** to reset the latched test state and return to operational mode.



2.20 HeiTel IO (Inputs/Outputs)

The HeiTel IO operates very similar to the ADPRO XO IO described in the above sections. However each product has a different set and quantity of IO available. The diagrams below show the HeiTel IO dialogs.

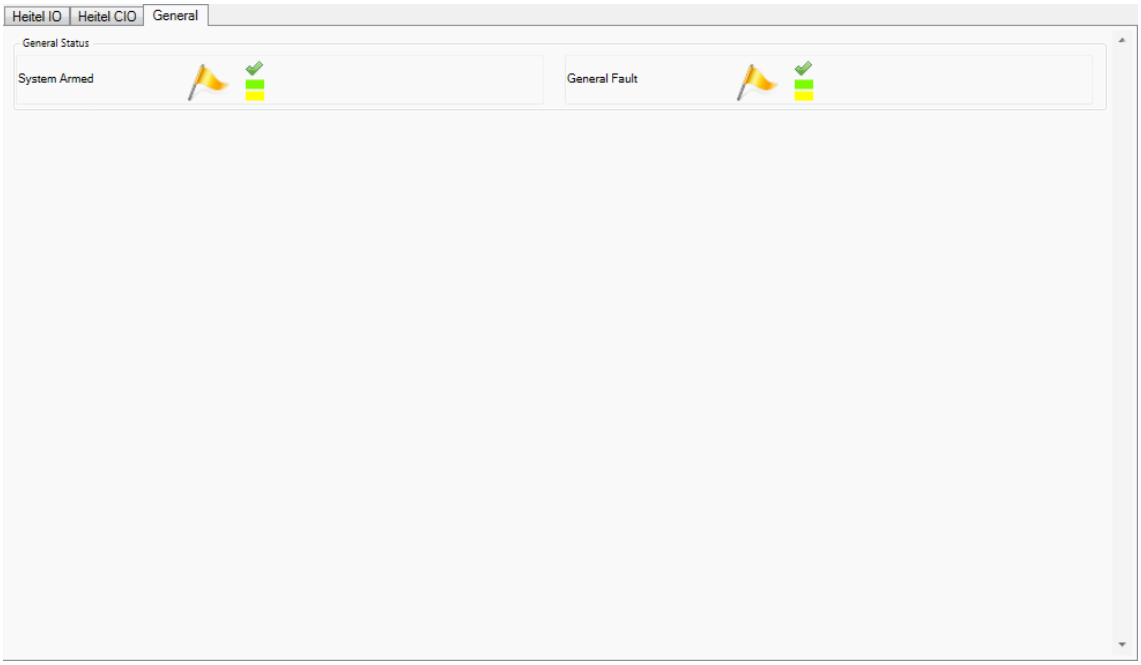
HeiTel IO



HeiTel CIO IO (when a CIO module is connected)



General IO

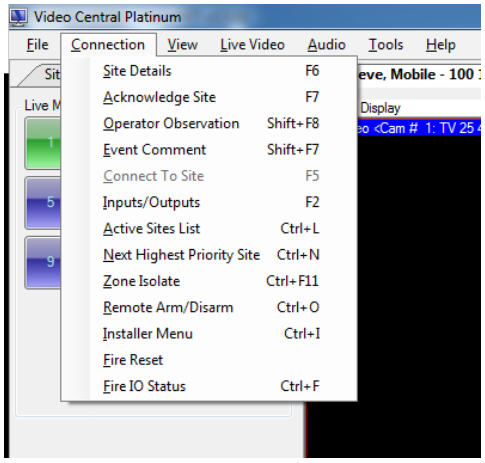


2.21 Fire Detectors

Fire detectors can be connected to the ADPRO XO device via its USB IO. When connected and set up, multiple USB IO may be associated with a single fire detector to indicate the state of the profile. Each element is associated with a fire profile. The fire profiles are; Fire Primary (Fire-P), Fire Advisory (Fire-A) and Fire Trouble (Fire-T).

2.21.1 Fire Reset

Fire Reset is used to transitions the fire state of Video Central Platinum to the acknowledge state when fire detectors are latched on-site. Re-setting of fire detectors is typically done by the Fire Department on-site. However in cases where the site needs to be acknowledged before this can happen or the fire detector is faulty the fire reset function allows the CMS to continue and remove the site from the active sites list. The option is available from the Menu Tab > Connection > Fire Reset.



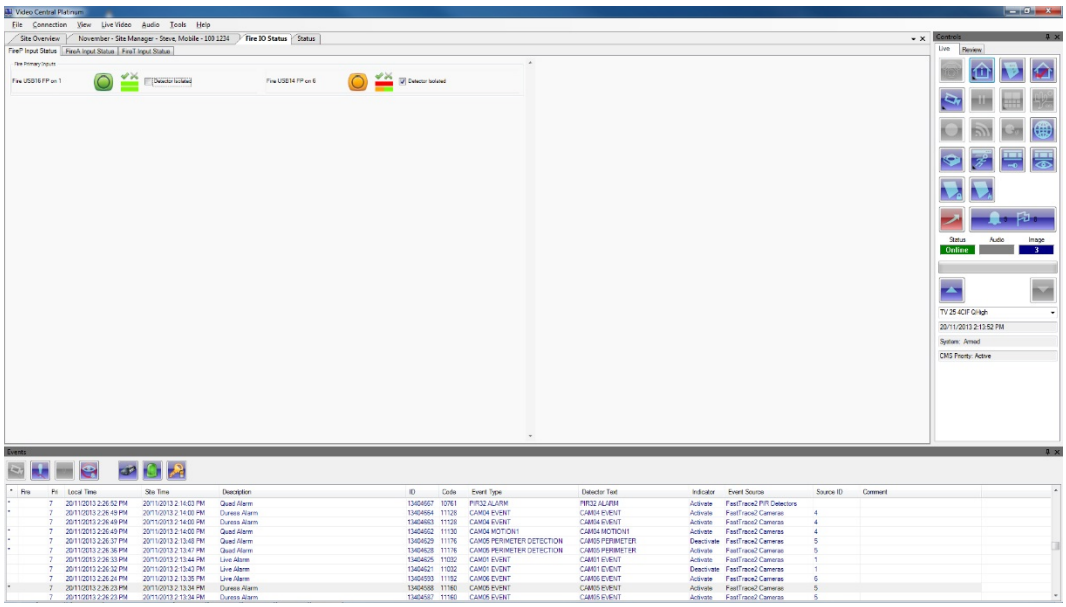
The Fire Reset is only available when Video Central Platinum is in site view mode and at least one Fire Detection Input is in the Active state. Its availability is also controlled by User Permissions.

2.21.2 Fire Status

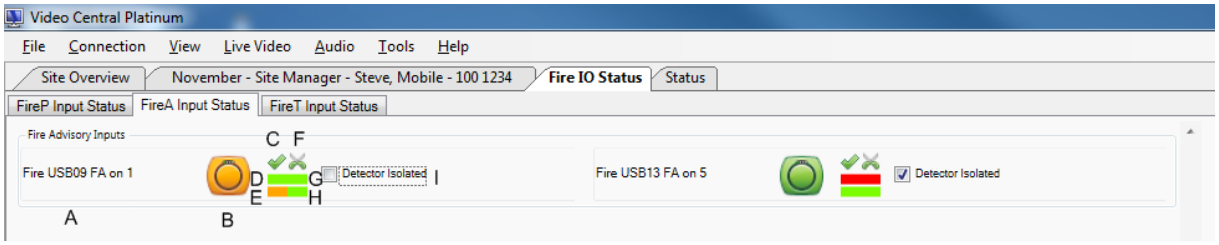
The Fire Status indicates the status of the fire detectors.

The Fire Status is only available when Video Central Platinum is in site view mode and is on-line. Its availability is also controlled by User Permissions.

To open the Fire Status, click the **Site Actions** button and then select **Fire IO Status**. Video Central Platinum will then display the Fire Status menu. The three fire status tabs display the state of the Fire-P, Fire-A and Fire-T profiles.



The following table describes each of the icons:

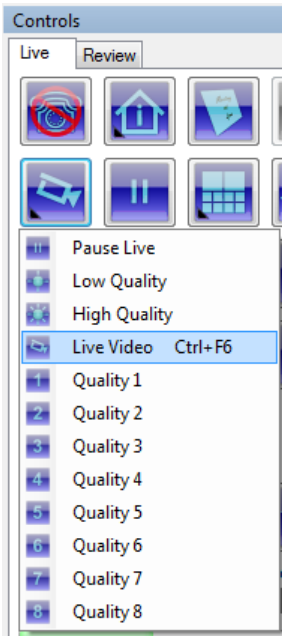


		Function
A	Text	Name of Fire Detector from ADPRO XO device Setup
B		This icon changes colour when the fire profile is active: Fire-P - Orange Fire-A - Orange Fire-T - Yellow OK - Green Disabled - Grey
C		Detector Status Icon.
D		Isolation Status of Detector UNISOLATED - Green ISOLATED - Red
E		State of Detector. This icon changes colour when the fire profile is active: Fire-P - Orange Fire-A - Orange Fire-T - Yellow OK - Green Disabled - Grey

		Function
F		Detector Tamper Status Icon
G		Isolation Status of Detector Tamper UNISOLATED - Green ISOLATED - Red
H		State of Detector Tamper Not in Tamper - Green In Tamper - Yellow
I	Set Isolation State	Will isolate both Detector Input and Tamper.

2.22 Viewing Live Video

When the video is not displayed, due for example to the selection of an alarm, click the **Live Video** button then select Live Video from the drop-down list. Video from the currently selected source will be displayed.



2.22.1 Setting Video Quality and Frame Rate

Reducing the video quality and/or frame rate may be required in cases where the network bandwidth/ADSL connection is low or to provide additional bandwidth for audio giving audio priority over video.

If no site level settings have been set, the programmed default level settings will be used. If no default level settings have been set, values internal to the Video Central Platinum software are used (see 2.22.2).

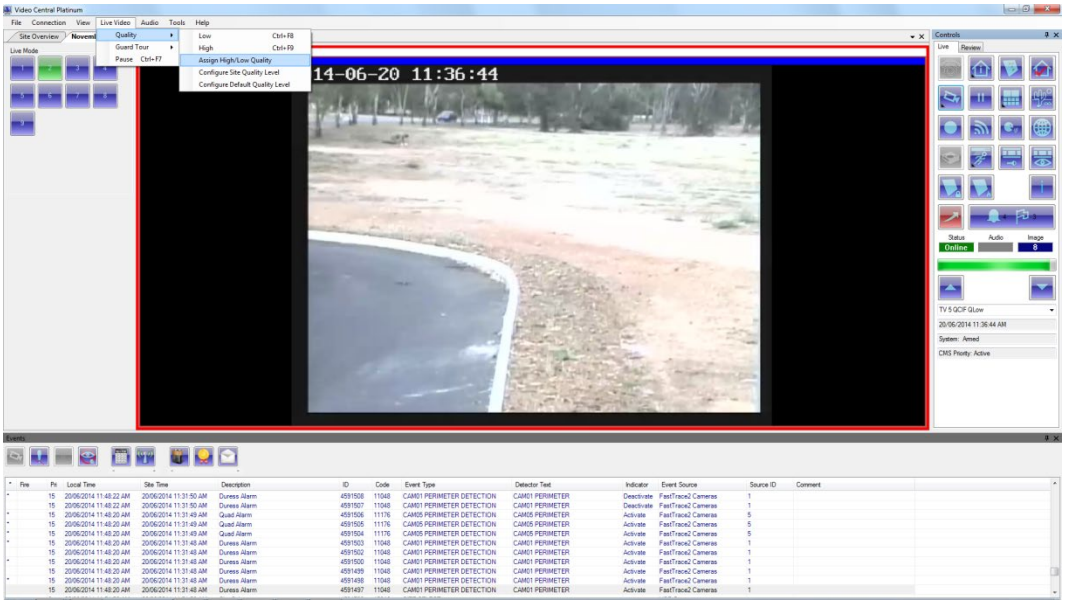
To set the site or default level quality the user must be connected to the respective site and viewing live video if programming the site level quality and any site if programming the default level quality.

While these settings are set in site view mode it is expected this setup will be done by an administrator and not changed by operators. To stop operators from changing the values, program user permissions (video quality setup) accordingly. By default only administrator users can set/change these settings.

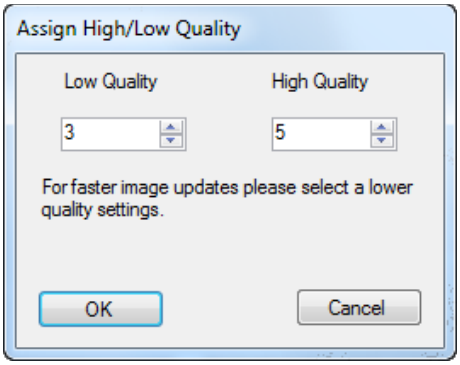
Although the administrator may have set quality values, depending on how the site is set up, it may not be able to provide the programmed settings. This is typical when the live video stream provided from the site must be the recording stream. This is most likely to occur with the higher quality levels.

2.22.1.1 Assign High /Low Quality Settings

Connect to the respective site and select live video. Select the Live Video > Quality > Assign High/Low Quality menu.



Set the required default low and high quality values. When a user connects to a site and live video is displayed it is first displayed in the low quality setting. The low (and high) quality settings can be in turn defined by the site and default level quality settings.



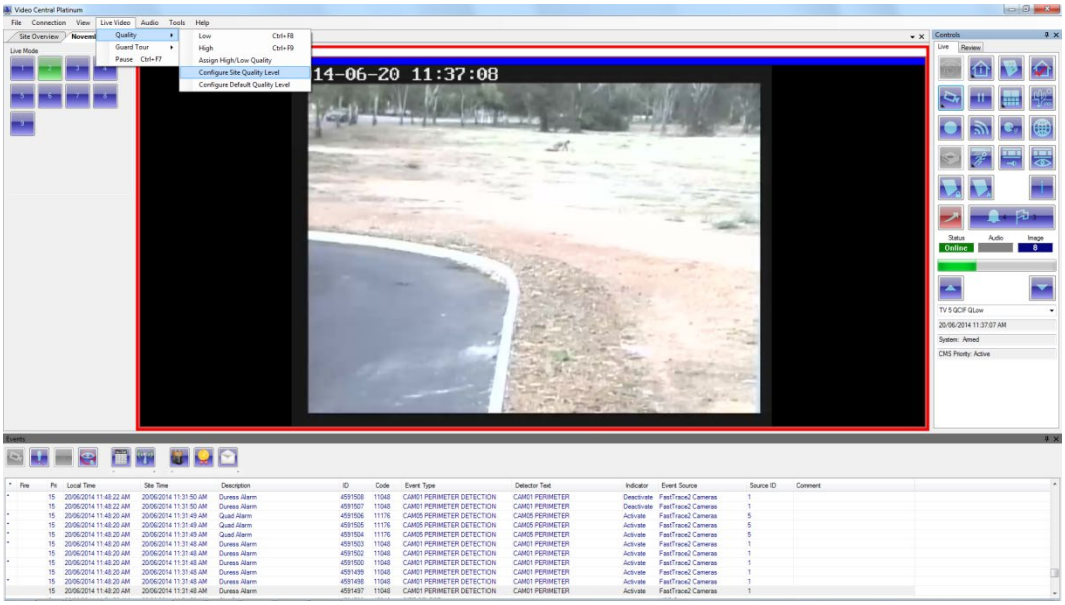
2.22.1.2 Quality Setting Rules

When setting site or default level qualities a given quality level must be the same or higher than the previous quality level. This is determined by; resolution then quality then frame rate. If the rules are not met a red indicator will appear next to the quality level or parameter depending if the user is setting pre-defined or custom quality. Furthermore quality levels 1 to 3 cannot be set higher than CIF (352x288).

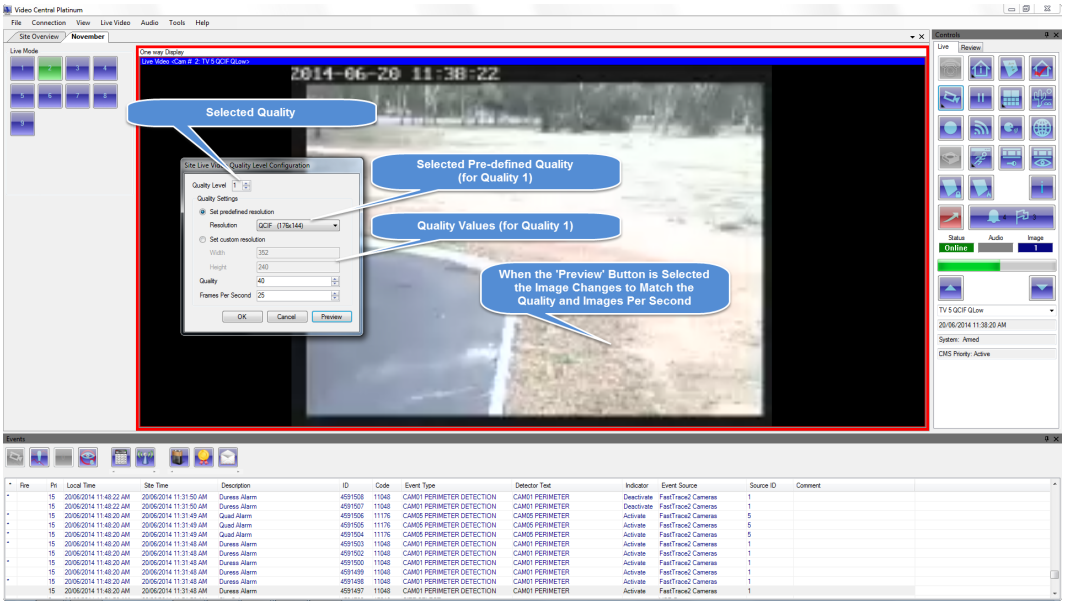
2.22.1.3 Configure Site Quality Level Settings

On a site-by-site basis the quality can be set using the following process;

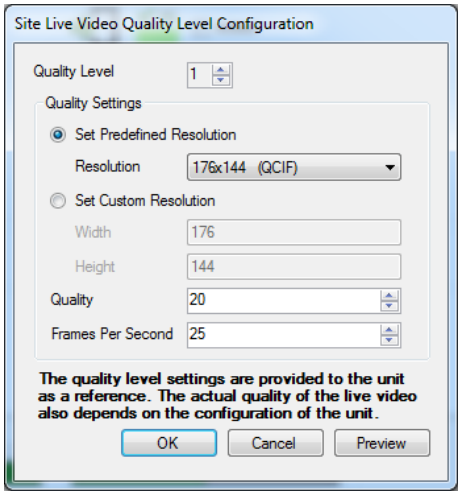
Connect to the respective site and select live video. Select the Live Video > Quality > Configure Site Quality Level menu.



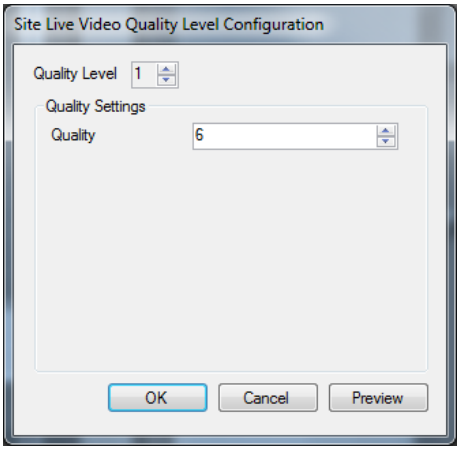
Using either the ‘set pre-defined resolution’ list or ‘set custom resolution’ settings select or set the required values. The ‘Preview’ button can be used to see the current quality and frame rate. Once all values have been set for each quality level (1 to 8) select the ‘OK’ button to finish and save the settings. If the red error indicator appears correct the settings to ensure the rules are met and select the ‘OK’ button again.



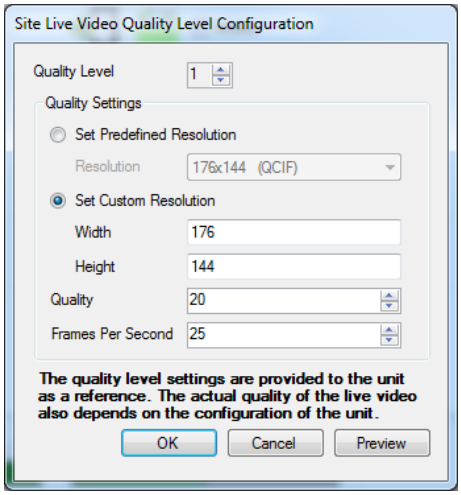
Select the ‘set predefined resolution’ radio button then select the desired quality level from the drop down list then choose a resolution from the resolution drop down list.



For HeiTel sites the options are limited to defining a fixed quality to the quality level. Note quality 6 is the lowest quality and quality 1 the highest in this case.



Select the ‘set custom resolution’ radio button then select the desired quality level by defining the width and height (resolution, 9999 defines maximum - ideally valid camera resolutions should be entered), quality (amount of video compression, 1 to 100 with 100 being the best quality, values between 20 and 60 are recommended) and frames per second (frame rate). If an invalid width and height is selected Video Central Platinum will display the closest match possible.

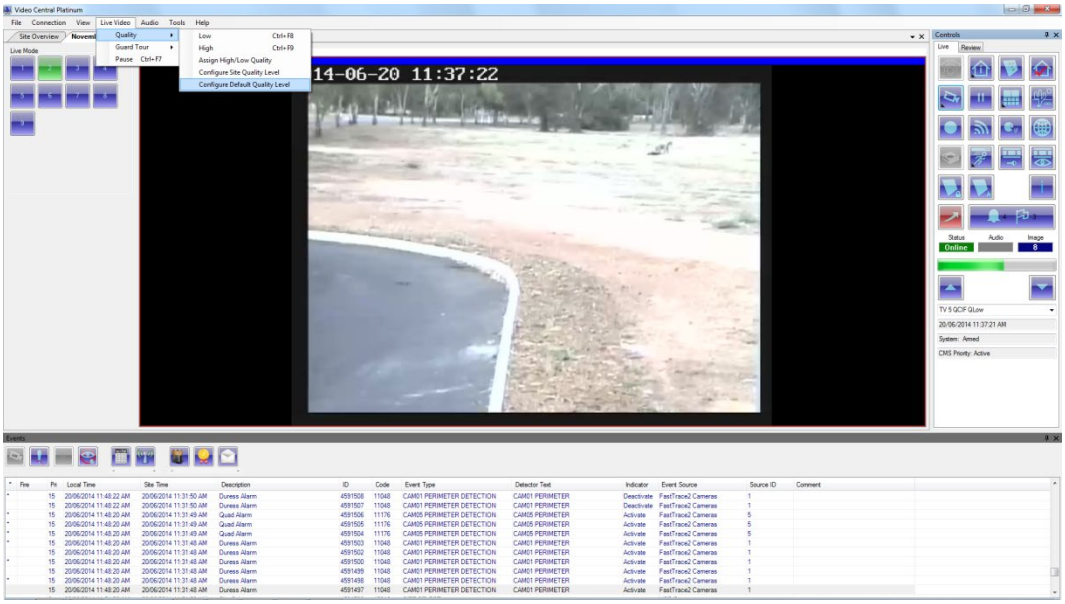


2.22.1.4 Configure Default Quality Level Settings

If no site level qualities have been defined the quality for all sites can be set using the following process;

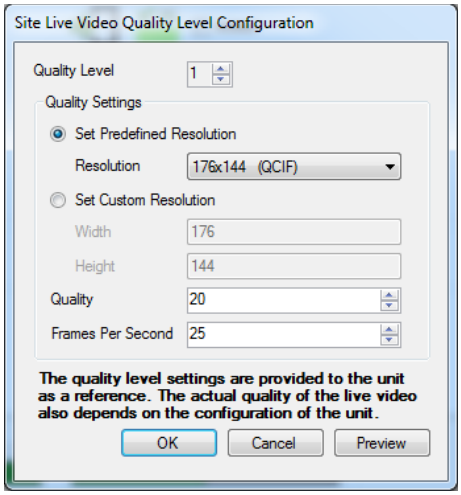
Note if some sites have the site level programmed they will be used instead of the default quality level settings.

Connect to the respective site and select live video. Select the Live Video > Quality > Configure Default Quality Level menu.

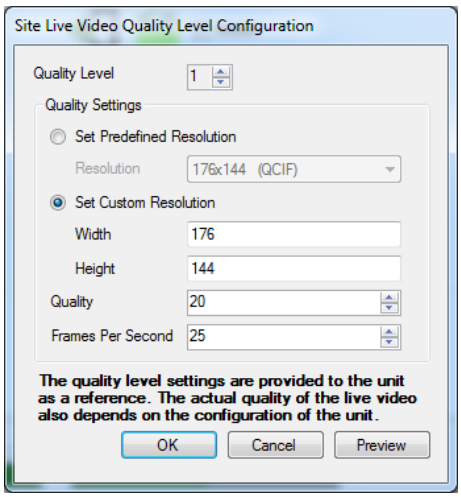


Using either the ‘set pre-defined resolution’ list or ‘set custom resolution’ settings select or set the required values. The ‘Preview’ button can be used to see the current quality and frame rate. Once all values have been set for each quality level (1 to 8) select the ‘OK’ button to finish and save the settings. If the red error indicator appears correct the settings to ensure the rules are met and select the ‘OK’ button again.

Select the ‘set predefined resolution’ radio button then select the desired quality level from the drop down list then choose a resolution from the resolution drop down list.



Select the ‘set custom resolution’ radio button then select the desired quality level by defining the width and height (resolution, 9999 defines maximum - ideally valid camera resolutions should be entered), quality (amount of compression, 1 to 100 with 100 being the best quality, values between 20 and 60 are recommended) and frames per second (frame rate). If an invalid width and height is selected Video Central Platinum will display the closest match possible.



2.22.2 VCP Internal Software Default Quality Settings

Quality levels differ according to camera type as shown below;

2.22.2.1 Video Quality for Analogue Cameras

PAL

Quality 1 = 176x144 (QCIF) Quality 20

Quality 2 = 176x144 (QCIF) Quality 40

Quality 3 = 352x288 (CIF) Quality 20

Quality 4 = 352x288 (CIF) Quality 40

Quality 5 = 704x288 (2CIF) Quality 20

Quality 6 = 704x288 (2CIF) Quality 40

Quality 7 = 704x576 (4CIF) Quality 40

Quality 8 = 704x576 (4CIF) Quality 60

NTSC

Quality 1 = 176x120 (QCIF) Quality 20

Quality 2 = 176x120 (QCIF) Quality 40

Quality 3 = 352x240 (CIF) Quality 20

Quality 4 = 352x240 (CIF) Quality 40

Quality 5 = 704x240 (2CIF) Quality 20

Quality 6 = 704x240 (2CIF) Quality 40

Quality 7 = 704x480 (4CIF) Quality 40

Quality 8 = 704x480 (4CIF) Quality 60

Note: Quality 100 is the highest and 1 the lowest possible. The higher the quality number, the less the compression that is applied to the image hence increasing overall quality.

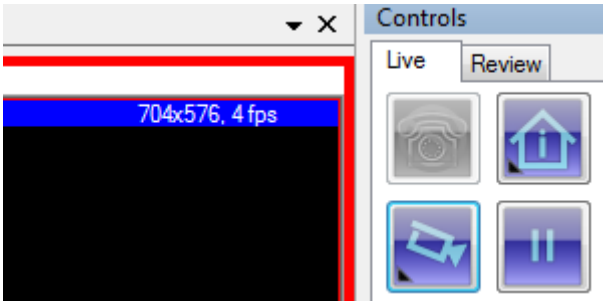
2.22.2.2 Video Quality for IP Cameras

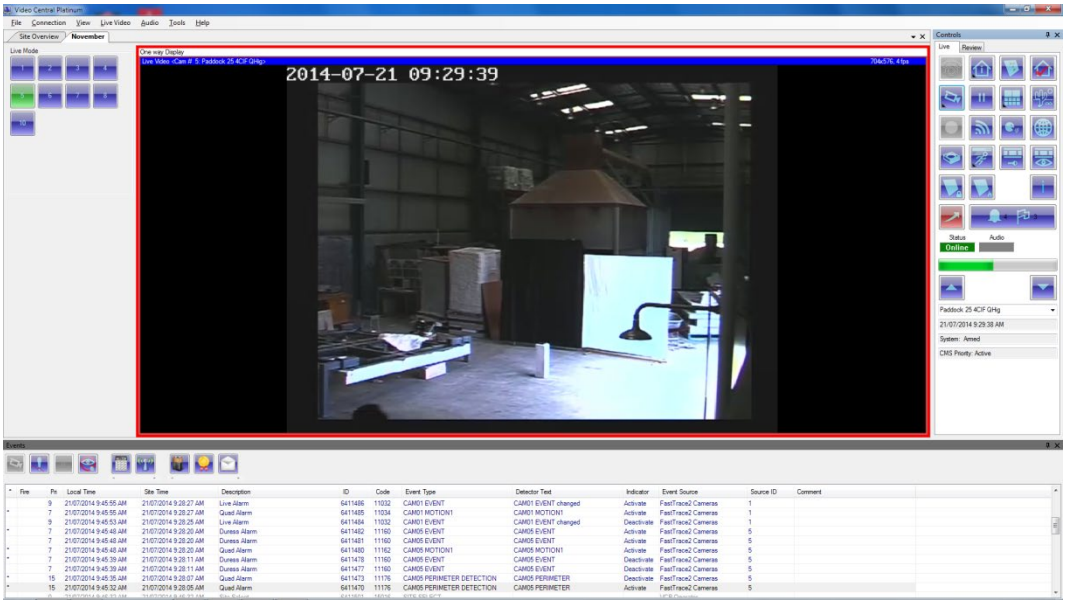
IP cameras support a wide range of resolutions and Video Central Platinum will display the resolution provided from the ADPRO XO or HeiTel transmitter.

2.22.3 Viewing the Camera Resolution and Frame Rate

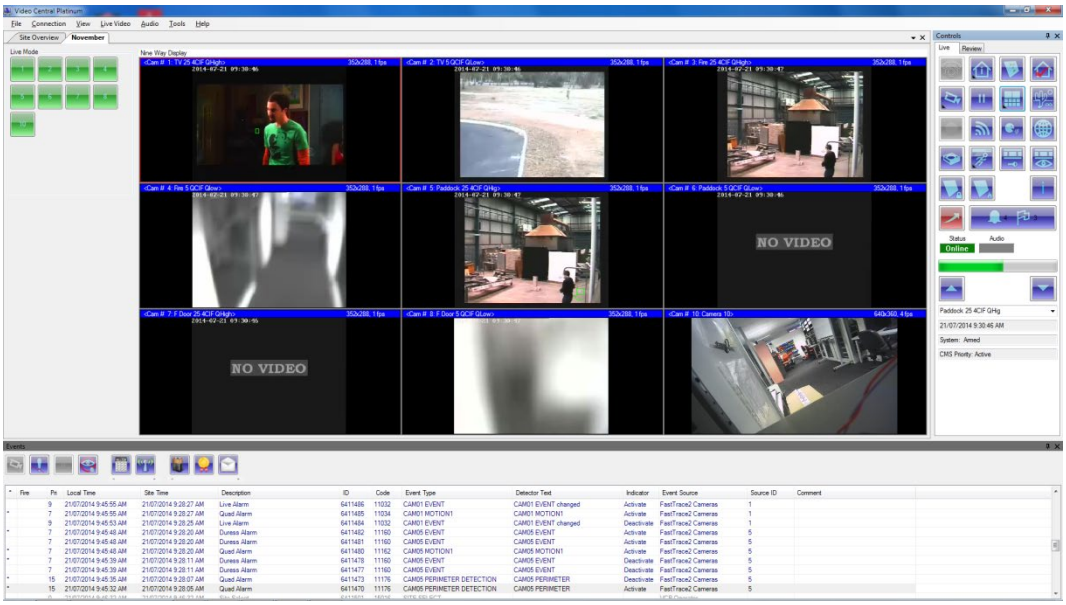
In previous versions of Video Central Platinum an ‘Image’ indicator was provided on the right-hand control which would display 1 to 8. This has been removed since it is no longer relevant. This is because each site and camera may have differing quality values. This feature has been replaced by Video Central Platinum displaying the actual resolution and estimated frame rate on the right hand side of the video/camera title bar. In cases where the resolution/frame rate information cannot fit it is automatically removed to allow for maximum space for the camera name.

- Live Video





- Guard Tour



2.22.4 Pausing Live Video

To pause live video, click the **Pause Live Video** button. Video will freeze and the pause button will change to **Play Live Video**. To resume, click this button again.

2.22.5 Selecting Video Channels

The currently selected video channel is named in the Current Channel box as shown in the example below. Click the down arrow to the right of the box and a drop-down list of available channels will be displayed.

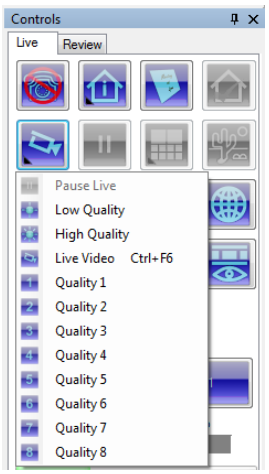
Choose a channel for display by selecting directly from the list or use the buttons to move up or down the list. The selected channel name will be shown in the Current Channel box and live video from that channel will be displayed. The Live Video Progress indicator will update as live video is displayed on the screen.



2.22.6 Changing Video Quality

A range of video qualities is available for selection. Selecting a higher quality will improve the sharpness of the displayed video but will possibly slow down image updating.

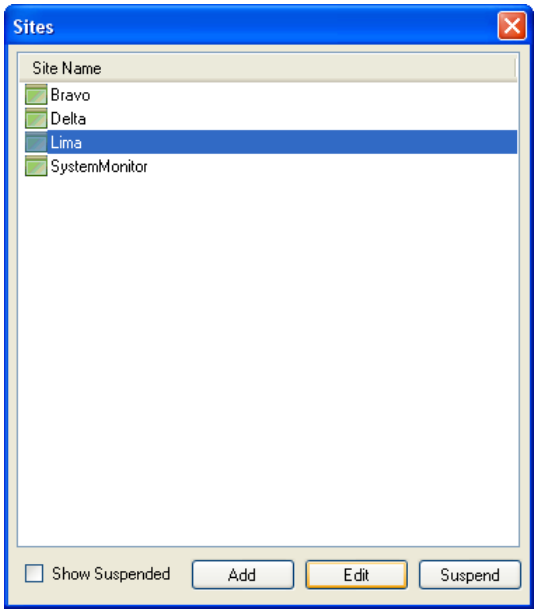
Select video quality by clicking the **Live Video** button and selecting a quality from the drop down list. Qualities listed are Low, High, and Quality 1 to Quality 8. Low and High are pre-sets that are chosen by the Operator from Qualities 1 to 8.



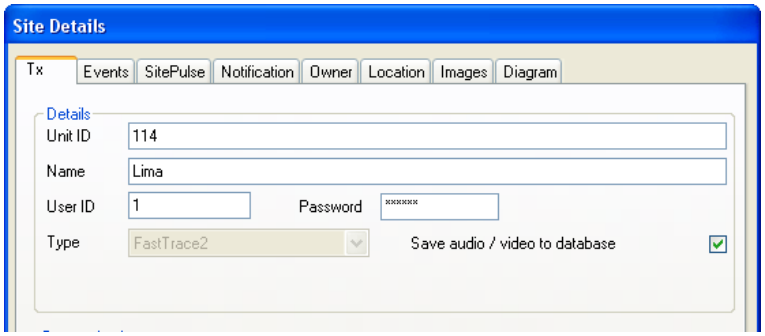
2.22.7 Saving Live Video and Audio

The audio and video stream observable by the console operator can be saved to the database as events. These events have a maximum duration of 5 minutes. New events are triggered when the channel, or Guard Tour list selection, is changed and at an event's 5 minute mark.

To alter the setting which will automatically save video and audio to the database, from the Active Sites List select the Tools > Administration > Sites menu to display the Sites dialog, click on the site and then the **Edit** button.



In the Tx tab on the Site Details window edit the Save audio / video to database check box then click **OK**.

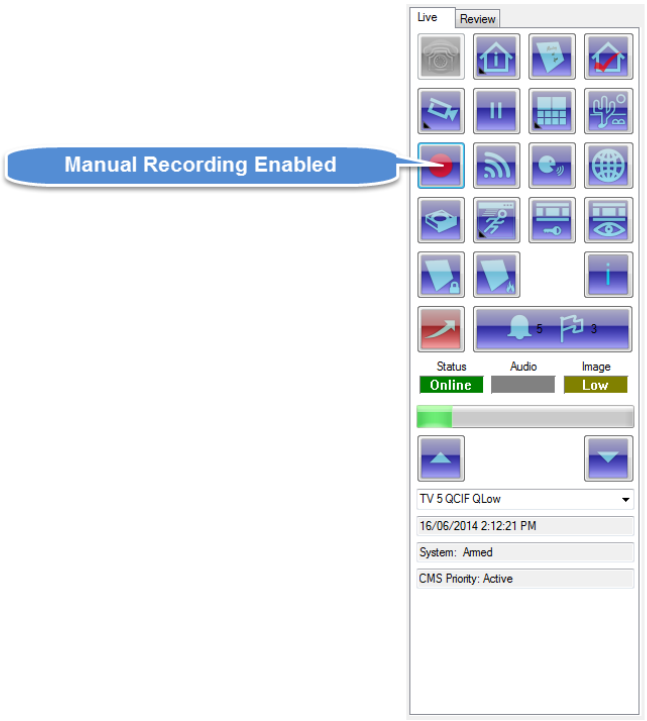


When you next launch the site the setting will be changed.

Important: Recording will not be performed irrespective of the Save audio / video to database setting if the operator does not have permission.

2.22.8 Manual Recording

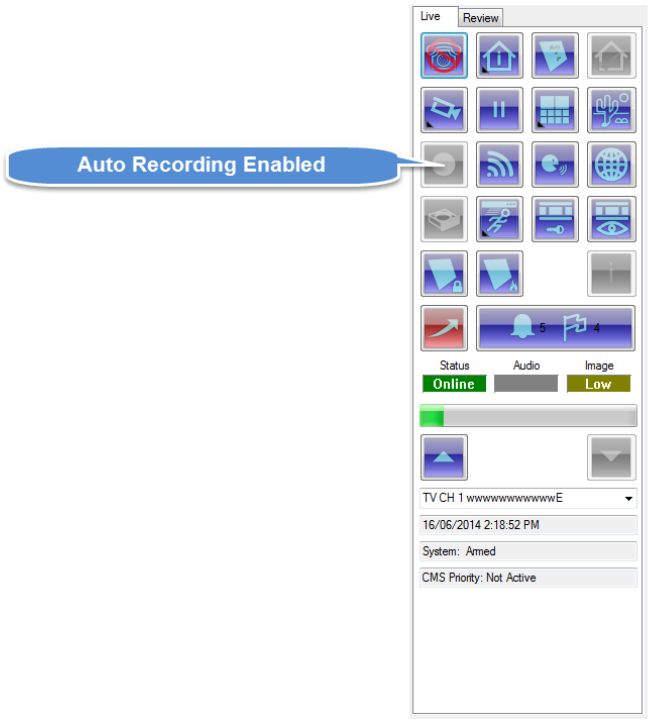
Click on the **Record** button to record the audiovisual data stream to the database. The button will flash red when the audiovisual stream is being recorded.



2.22.9 Automatic Recording

When Save audio / video to database has been enabled the video and audio observable by the console operator is saved to the database automatically. The Record button will be blinking, showing that video is being recorded, but its grey colour will indicate that it cannot be turned off.

The option to automatically record the audiovisual events has been enabled in the Site Details window during the Site Configuration process.

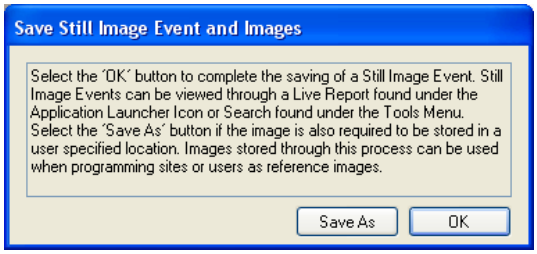


2.22.10 Saving a Live Image

The operator can save a camera image at any time whilst viewing live video as follows:

Click the **Save Image** button to save a Still Image event to the database.

When the Save Image button is selected the following dialog will be displayed.



Select **OK** to complete the save and return to live video.

Additionally if the raw jpg image is required to be stored in a user defined location select the Save As button and browse to the desired location where the file is to be saved. Once the image has been saved the operator will be returned back to the save dialog where OK can be selected to complete the process or the image can be saved again in a different location.

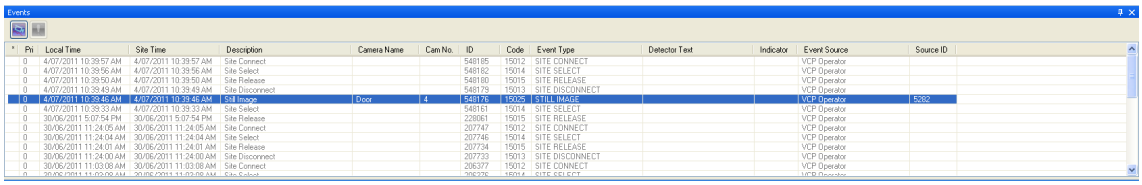
2.22.11 Viewing the Saved Image

The image may be viewed from the Sites Events List or Search Results and included in a Report.

View from Site Events List

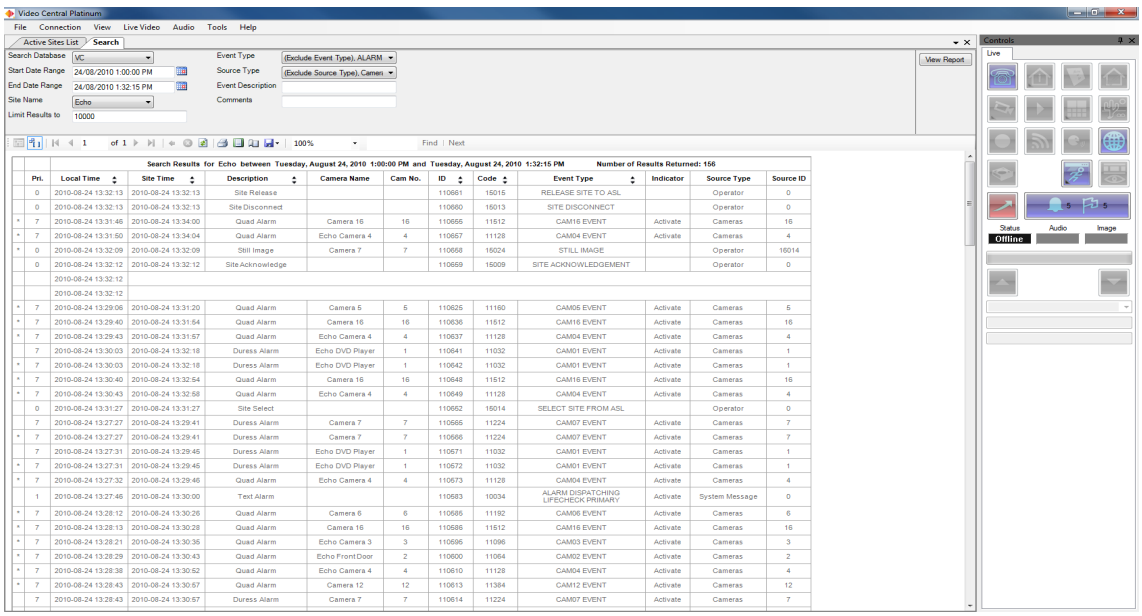
The image may be viewed immediately after saving via the Sites Events List. The saved file will be listed as an event under the description of 'Still Image' together with camera number and local/site times.

Click on the 'Still Image' entry and then click on the Live Report button. The saved image will be displayed.

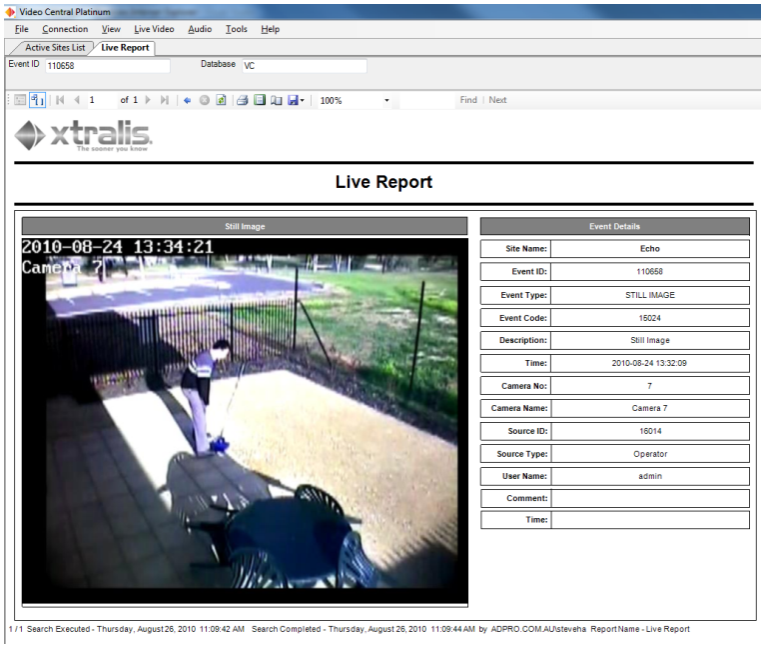


Search Results

Conduct an offline Video Central Platinum Database search via Tools > Search. Enter the site name, event type and time period.



Once the Results are returned, locate the Still Image event, click the entry to display a Live Report.

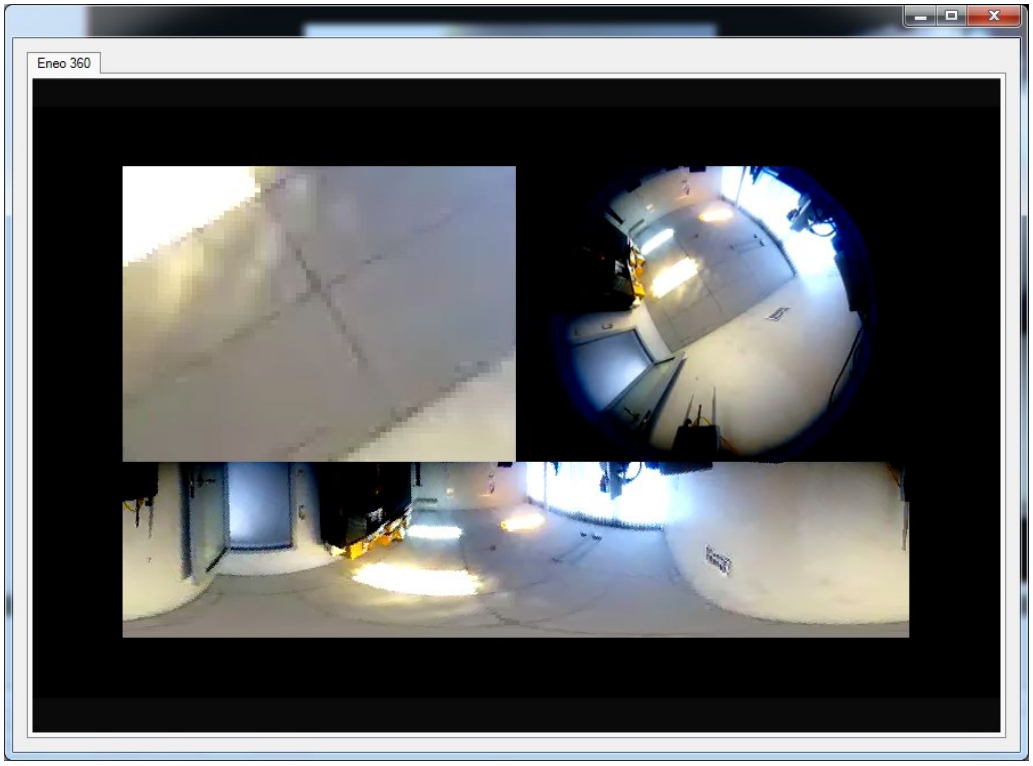


2.22.12 Viewing a Fisheye (360°) Camera

When selecting a fisheye camera, the video is displayed in a warped view, as shown below:



No PTZ is available while in warped view. Double-click the warped view to switch to dewarped view. The dewarped view will be opened in a new window, as shown below:

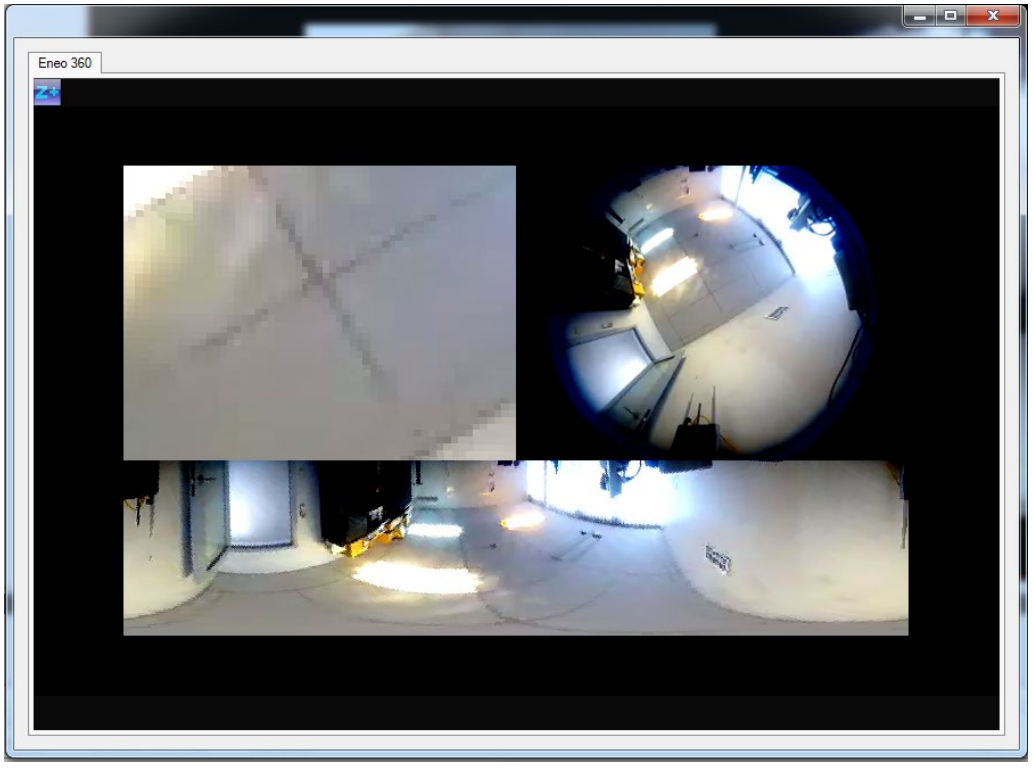


The dewarped view has 3 video regions:

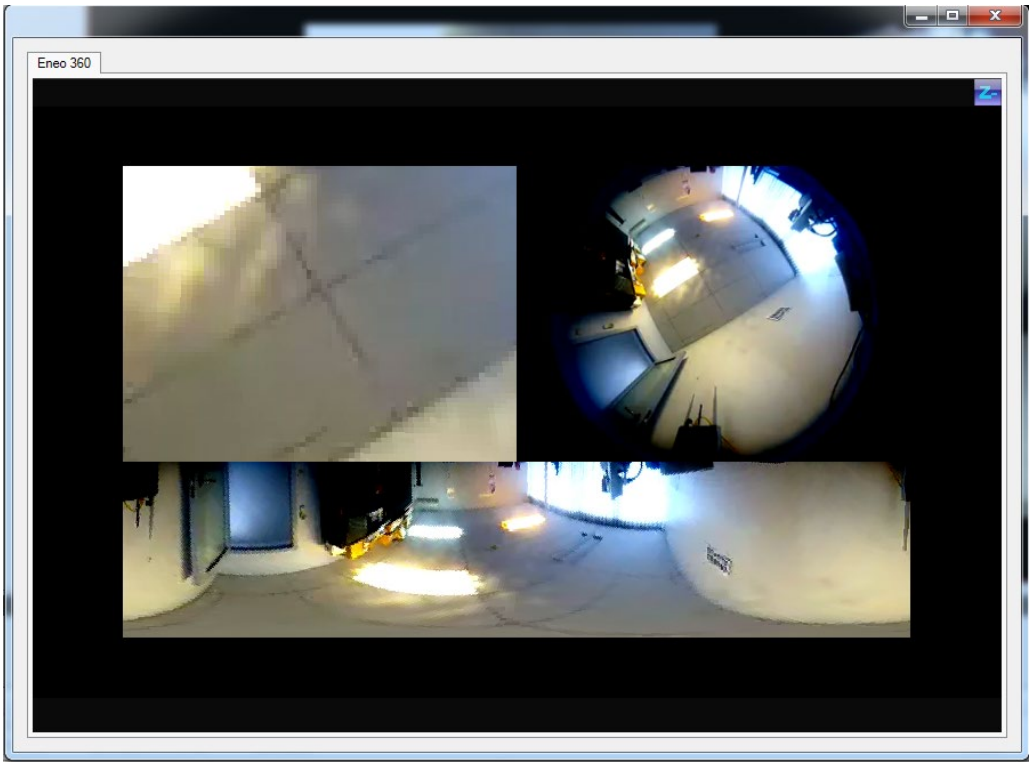
- top left: a PTZ view
- top right: the original fisheye (warped) view
- bottom: a dewarped 360° overview.

For the top left view: PTZ works as follows:

- To zoom in, click the upper left corner within the dewarped view. While zooming in, an icon in the upper left corner indicates the zoom action, see below:



- To zoom out, click the upper right corner in the dewarped view. While zooming out, an icon in the upper right corner indicates the zoom action, see below:



- To pan/tilt, click the bottom video strip in the dewarped view to focus the upper left view on the location that was clicked.

2.23 Conducting a Guard Tour

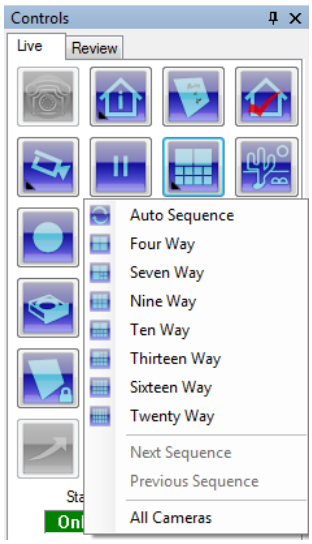
In a Guard Tour, all camera images can be displayed in selectable sequences on the Operator's screen. They may be in a full screen, single image format or split screen format in which several images are displayed simultaneously.

Split screen images are termed 'cameos'. If there are fewer cameras in the system than the number of cameos available in the split screen, the extra cameos remain blank.

The display period for each group of cameras on a split screen is the number of cameos displayed multiplied by 5 seconds.

Once a Guard Tour is in progress, double clicking on any cameo will display the respective camera channel live in full screen.

To begin, click the **Guard Tour** button and a list of display options will drop down.

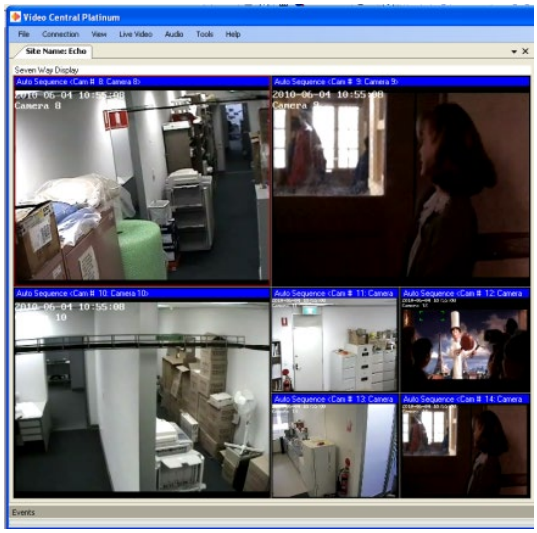


The choices and operation are as follows (HeiTel limited to a 10 way split):

Auto Sequence: The screen will display the image from each camera for five seconds in a sequence according to the camera number.

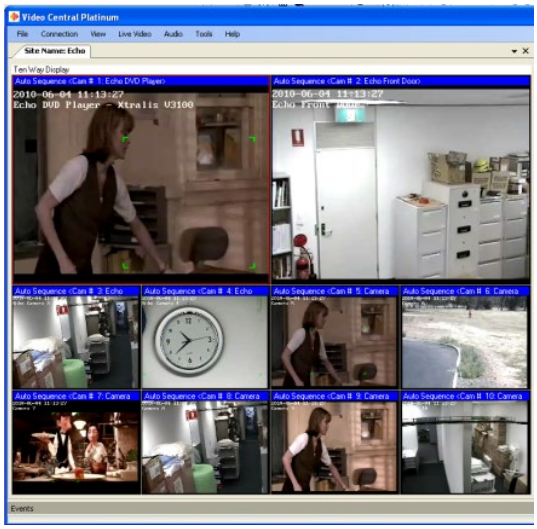
Four Way: The screen will display cameos from up to four cameras at a time in a quarter screen, even sized arrangement. Cameos from camera numbers 1 to 4, and then cameras 5 to 8 will be displayed. The sequence will continue through all connected cameras, and then repeat indefinitely.

Seven Way: The screen will display cameos from up to seven cameras at a time, arranged as shown below. Cameos from camera numbers 1 to 7, and then from cameras 8 to 14 will be displayed. The sequence will continue through all connected cameras, and then repeat indefinitely.

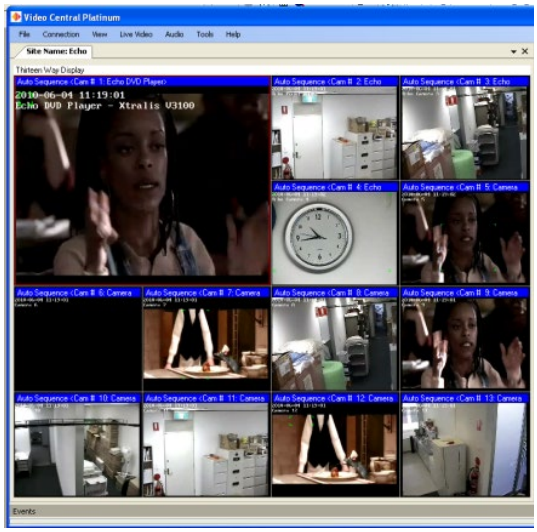


Nine Way: The screen will display cameos from up to nine cameras at a time in a three high, three across, even sized arrangement. Cameos from camera numbers 1 to 9, and then cameras 10 to 18 will be displayed. The sequence will continue through all connected cameras, and then repeat indefinitely.

Ten Way: The screen will display cameos from up to ten cameras at a time, arranged as shown below. Cameos from camera numbers 1 to 10, and then cameras 11 to 20 will be displayed. The sequence will continue through all connected cameras, and then repeat indefinitely.



Thirteen Way: The screen will display cameos from up to thirteen cameras at a time, arranged as shown below. Cameos from camera numbers 1 to 13, and then cameras 14 to 26 will be displayed. The sequence will continue through all connected cameras, and then repeat indefinitely.



Sixteen Way: The screen will display cameos from up to sixteen cameras in a four high, four across, even sized arrangement. Cameos from camera numbers 1 to 16, and then cameras 17 to 32 will be displayed. The sequence will continue through all connected cameras, and then repeat indefinitely.

Twenty Way: The screen will display cameos from up to twenty cameras at a time. Cameos from camera numbers 1 to 20, and then cameras 21 to 32 will be displayed. The sequence will continue through all connected cameras, and then repeat indefinitely.

Next Sequence: The guard tour will immediately skip to the next group of cameras.

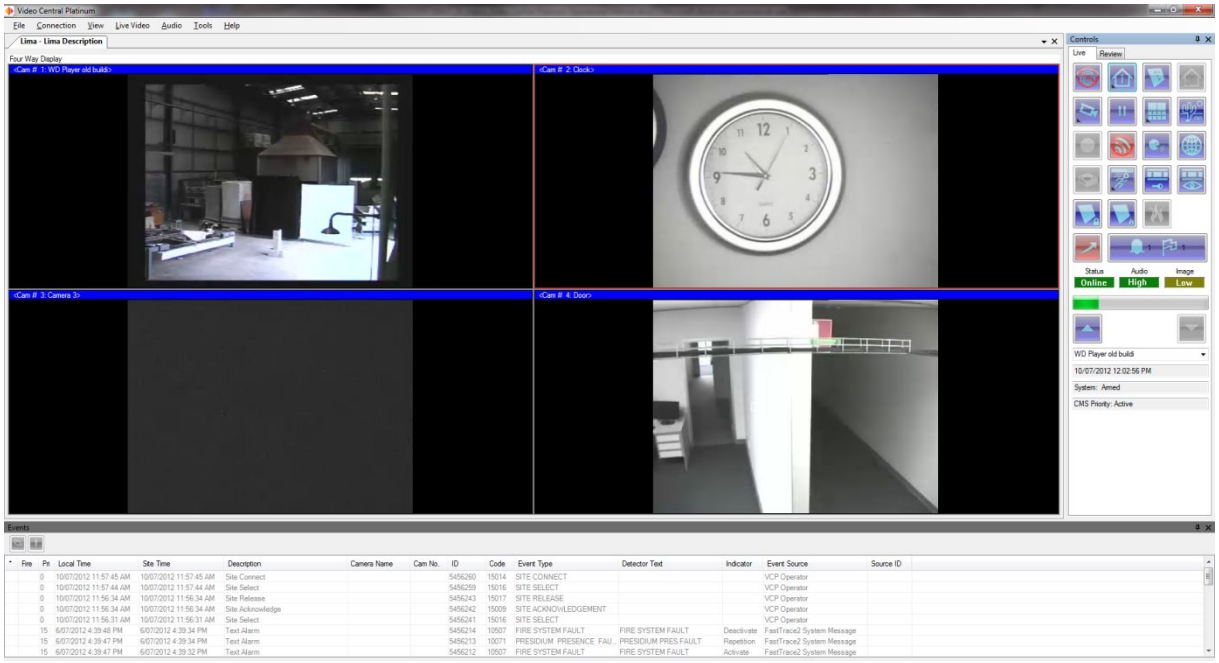
Previous Sequence: The guard tour will immediately return to the previous group of cameras.

All Cameras: The split-view will be determined automatically based on the number of cameras configured on the unit. The split-view will be chosen to contain as many of the cameras as possible in the first sequence.

2.23.1 Using Audio with Guard Tour

When a cameo is selected and either site audio (listen to site) or local audio (talk to site) is activated audio will be transmitted for the respective channel. While audio is activated the auto sequence function of the guard tour will halt. After 5 minutes the audio button will begin to blink red to remind the operator the guard tour is no longer sequencing. Turning off audio will automatically return the guard tour to begin the auto

sequence again from the channel set it is currently on. A thin red line can be seen around the selected cameo. See 2.25 Live Audio for further details.



2.24 PTZ Control

Pan, tilt and zoom (PTZ), focus, iris, wash, wipe and any auxiliary operations are managed via the PTZ toolbar. This is displayed only when a camera equipped with any of these functions is selected as programmed within the site.

Alternatively, if connected and set up, a joystick can be used to control PTZ stations.

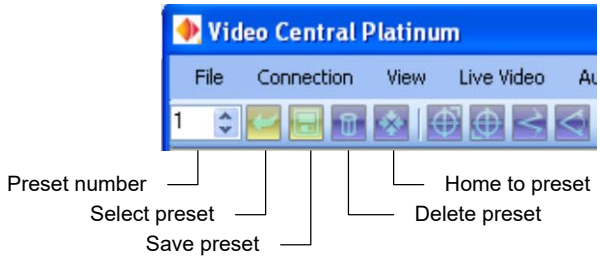


Toolbar functions are arranged in logical groups as follows:

2.24.1 Presetting PTZ Positions

Up to 256 combinations of PTZ and lens settings can be stored for quick recall when the **Select Preset** button is clicked.

Note: This may be limited by the features of the PTZ station.



2.24.1.1 To Set a Preset View

Click the camera pan, tilt, and zoom buttons to obtain the required view.

Set a Preset Number for the combination of PTZ settings using the spin wheel.

Click the **Save Preset** button. Repeat to create other preset views.

2.24.1.2 To Return to a Preset View

Set the required Preset Number using the spin wheel.

Click the **Select Preset** button and the PTZ controls will be automatically adjusted to obtain the required view.

2.24.1.3 To Clear a Preset View

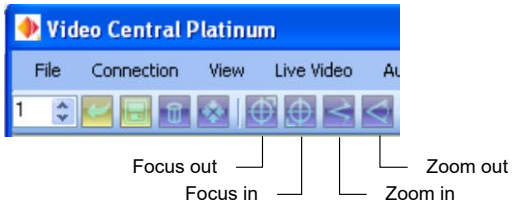
Set the Preset Number whose settings are to be cleared using the spin wheel.

Click the **Delete Preset** button.

2.24.1.4 Controlling Focus and Zoom

Adjust the focus by clicking the Focus In (focus near) or Focus Out (focus far) buttons. Hold the Shift key when clicking either focus button to auto-focus.

Adjust the zoom by clicking the Zoom In or Zoom Out buttons.

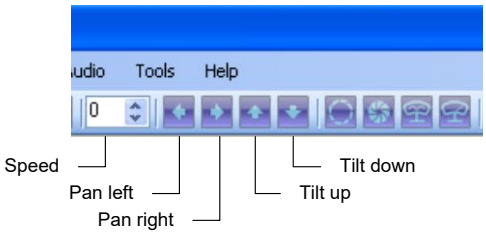


2.24.2 Controlling Pan and Tilt

Set the speed of pan and tilt using the Speed spin wheel in the range of 0 (slowest) to 100 (fastest). This does not affect the speed of other functions or return to preset positions.

Control horizontal movement by clicking the Pan Left or Pan Right buttons.

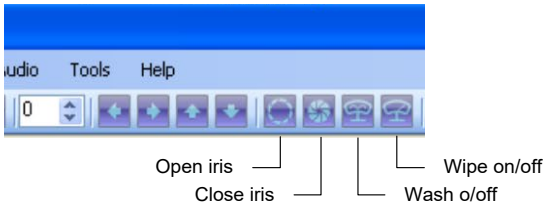
Control vertical movement by clicking the Tilt Up or Tilt Down buttons.



2.24.3 Controlling Iris and Wash/Wipe

If the camera is fitted with iris control, operate by clicking the Open Iris or Close Iris buttons.

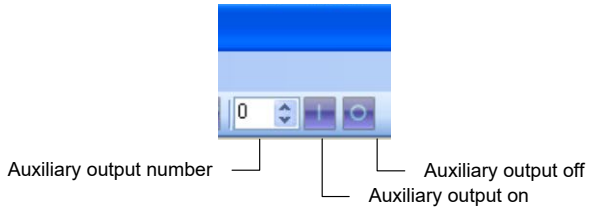
If washing / wiping is fitted, control by toggling the Wash On/Off or Wipe On/Off buttons.



2.24.4 Controlling Auxiliary Outputs

Switching of up to 256 auxiliary outputs is available. To switch any auxiliary functions on or off, use the spin wheel to select the Auxiliary Output Number and click the Auxiliary Output On or Auxiliary Output Off button.

Note: The number of auxiliaries may be limited by the features of the PTZ station.



2.25 Live Audio

Live audio is active only when in Live mode and can be used when viewing a single screen live video stream or any guard tour sequence.

2.25.1 Listening to Site Audio

When connected to a site at which audio listening is installed, click on the **Site Audio** button. The Operator may now listen to any sound transmitted from the site. To mute, click the button to toggle off.

As the video channel is changed, audio will automatically follow.

Note: The Operator can broadcast audio to site when listening to site audio by holding down the 'Insert' key. This will toggle from listen to site to broadcast to site.

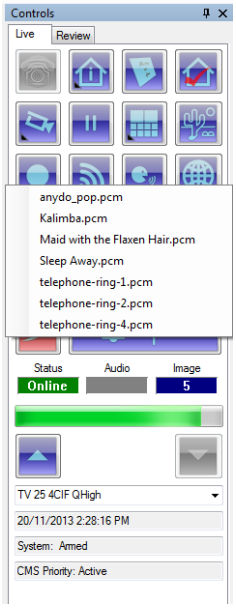
2.25.2 Broadcasting Audio to Site

When connected to a site at which audio broadcasting is installed, **click on the Local Audio** button.

This will activate audio broadcasting to the site and the button will change thus: . Click again to deactivate broadcasting.

2.25.3 Playing an Audio File to Site

When programmed an operator can right click on the site audio button to be presented with a drop down list of audio files.



Once an audio file is selected the site audio button will change to the playing icon to indicate the audio can be heard on-site. When the audio file completes the playing icon will automatically change back to the site audio button. If a file is currently playing selecting any other audio function will cancel the audio file playing to the site.

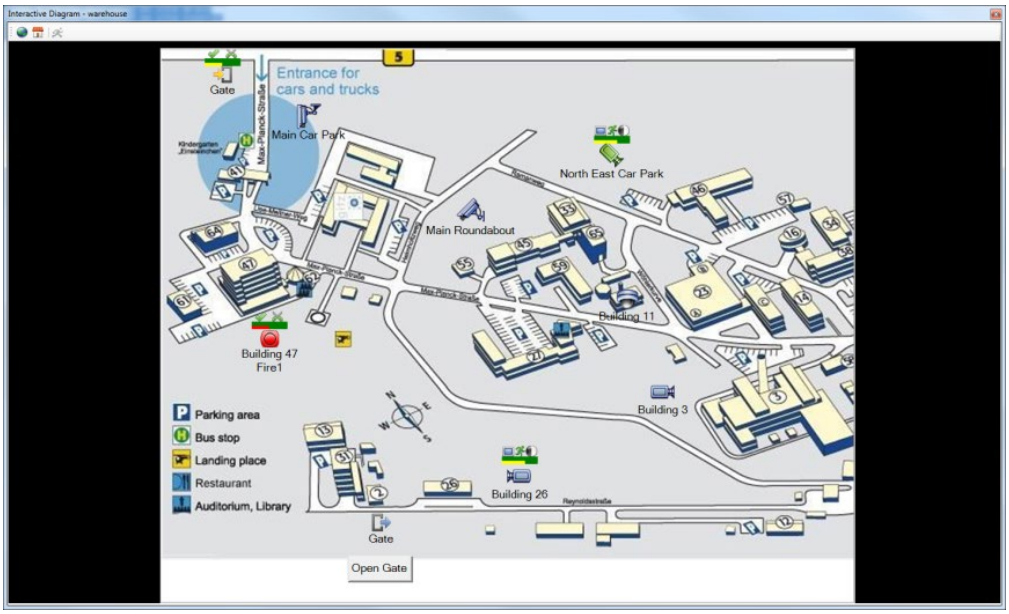
2.25.4 Using the Insert Key

If audio is off, pressing the Insert key will turn broadcasting to site on. Releasing Insert will toggle to listen to site. When audio is no longer required, selecting the audio button that is currently on will turn audio off.

2.26 Diagrams

To display site diagrams, select the **Site Diagrams** button when in either Active Sites List or Site View modes. When ASL is displayed, the top level map will be loaded. Once a site connection has been established, the programmed site level map will automatically be displayed. If no site level map has been programmed, the top level map will remain.

Typically the diagrams application should be moved to a second monitor connected to the Operator's PC. Clicking on the programmed graphical control icons, provides an alternative control method to the User Interface.



2.26.1 Controls



Global button – Load top level map

Building button – Load site level map

Running person button – Stop running macro. When blue indicates a macro is currently running.

2.27 Entering Comments

Four comment types can be entered by operators when viewing sites and responding to events;

- Event Comment – a comment related to a particular event.
- Site Acknowledgement Comment – entered when acknowledging a site at which alarms are present.
- Operator Observation – a general observation about the site.
- Hidden Event Comment – option when hiding an event type for a period of time.

For each comment type three event methods are available;

- Enter text directly into the fields.
- Using the ‘All Comments’ drop down list to select a predefined comment and populate all fields with a single selection.
- Using a ‘Quick Access Button’ (QAB) to select a predefined comment and populate all fields with a single selection.

All comments or QAB options are recommended for speed, convenience, and consistency of terminology.

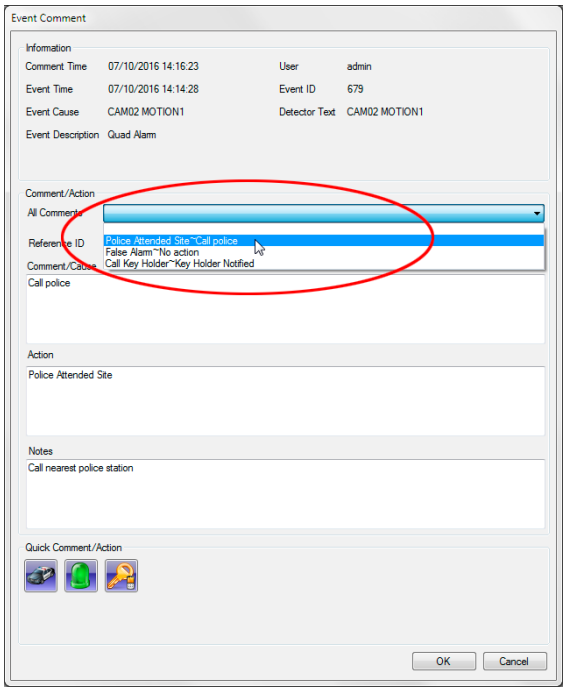
For QABs the button name is provided as hover text when the mouse is over the icon.

2.27.1 Entering Event Comments

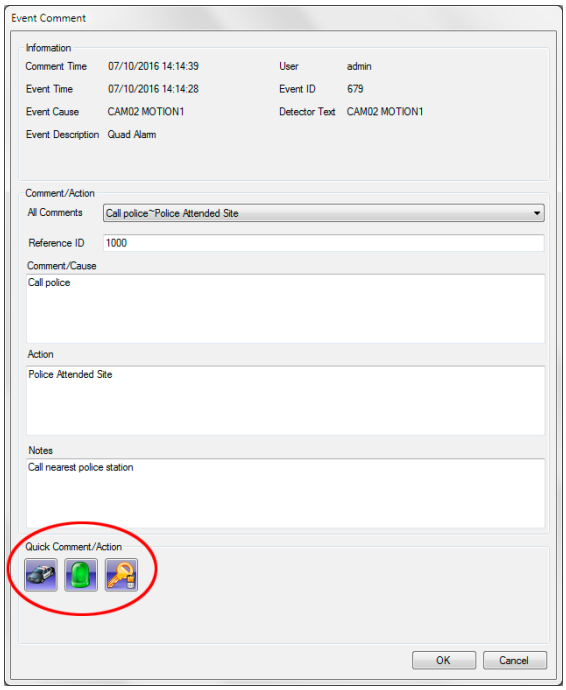
This comment is made when checking a particular event in the event list.

To enter an Event Comment;

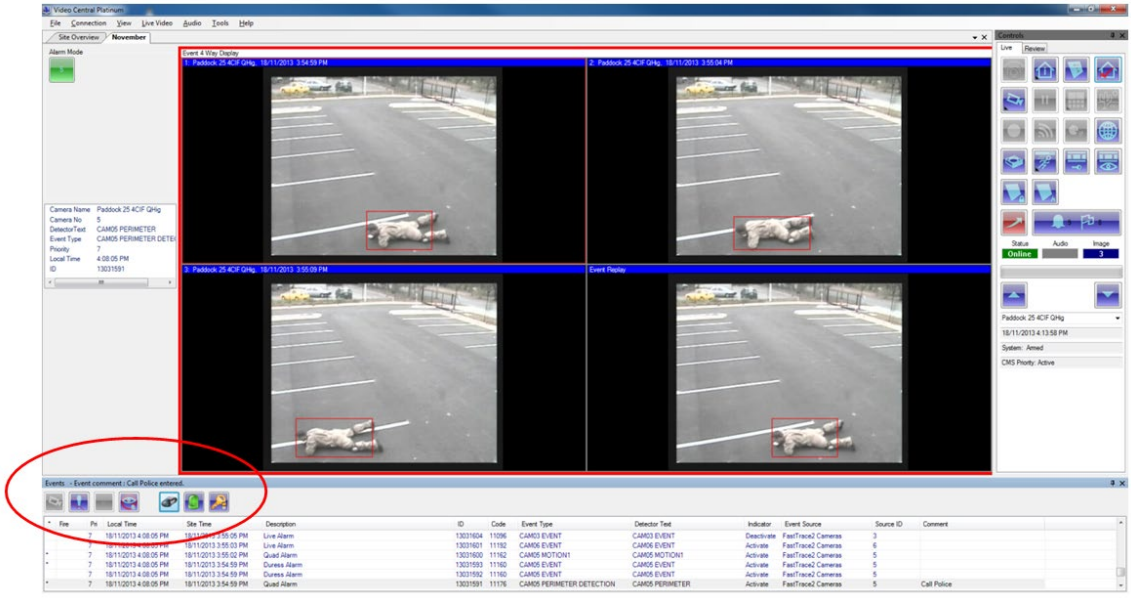
- Select the event in the Events List.
- Display the Event Comment dialog via double clicking on the event in the event list or selecting the Connections > Event Comment menu.
- Enter details directly into the text fields for reference, comment, action and note or,
- Select the ‘All Comments’ drop down list to select a predefined comment and populate all fields with a single selection or,



- Select a ‘Quick Access Button’ (QAB) to select a predefined comment and populate all fields with a single selection.



Event Comment QABs are also available on the top of the event list. When a QAB is selected the comment name will appear for 2 seconds in the event list title to provide the operator with feedback that the comment has been entered. The comment can be viewed or edited by opening the event comment dialog as described above.

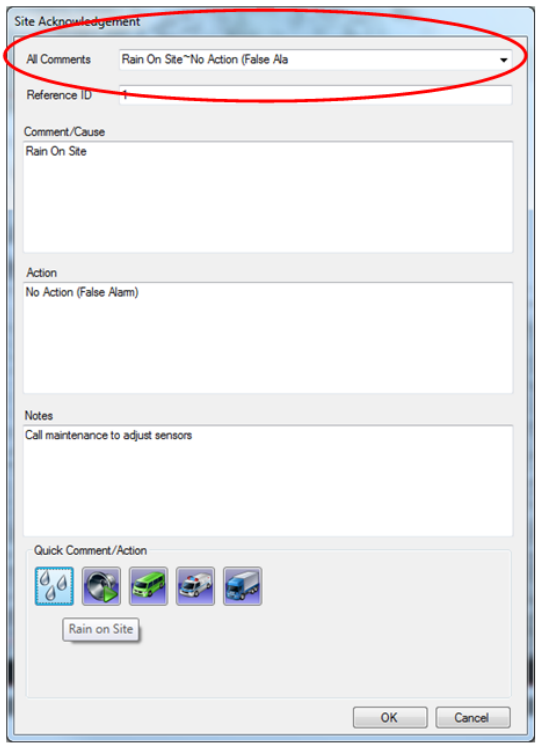


2.27.2 Entering Site Acknowledgement Comments

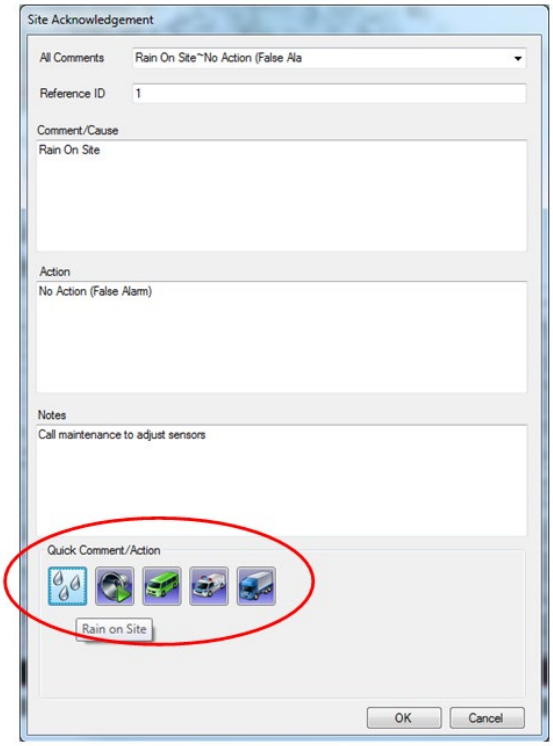
This comment is made when acknowledging a site.

To enter a Site Acknowledgment Comment;

- Select the Acknowledge Site  button.
- Enter details directly into the text fields for reference, comment, action and note or,
- Select the ‘All Comments’ drop down list to select a predefined comment and populate all fields with a single selection or,



- Select a 'Quick Access Button' (QAB) to select a predefined comment and populate all fields with a single selection.



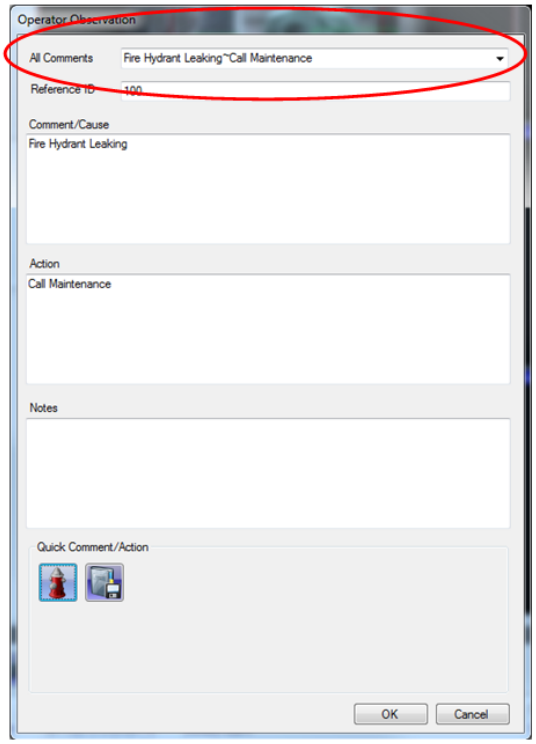
2.27.3 Entering Operator Observations

This comment is made when an operator wishes to make a general observation comment about what is happening on site.

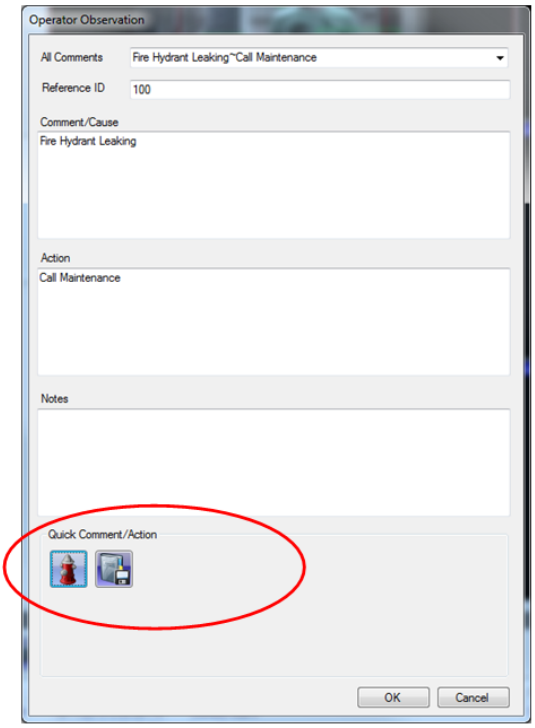
To enter an Operator Observation Comment;

- Select the Operator Observation  button.
- Enter details directly into the text fields for reference, comment, action and note or,

- Select the ‘All Comments’ drop down list to select a predefined comment and populate all fields with a single selection or,



- Select a ‘Quick Access Button’ (QAB) to select a predefined comment and populate all fields with a single selection.

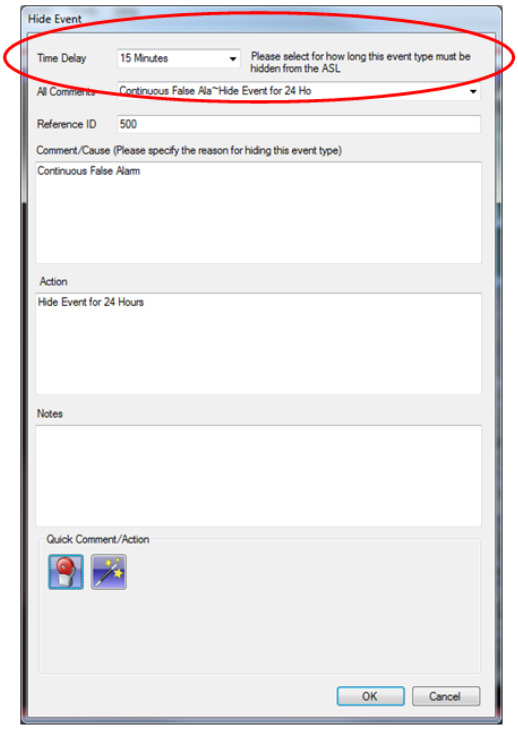


2.27.4 Entering Hidden Event Comments

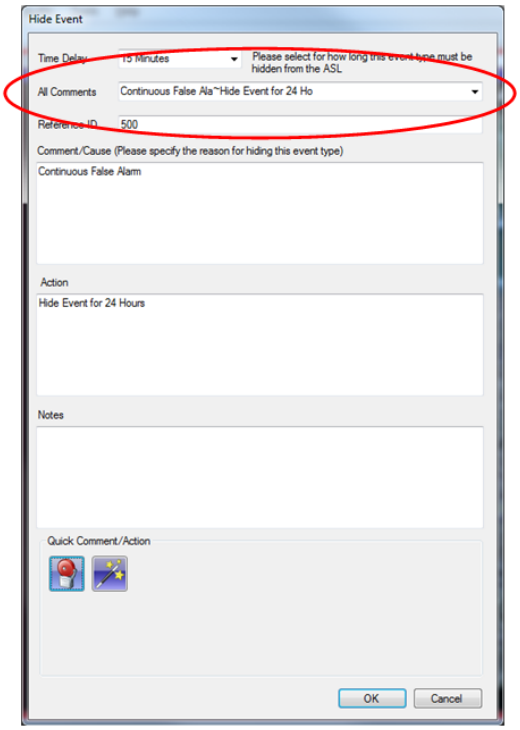
This optional comment is made when an operator needs to hide an event type from operators for a period of time. This normally occurs when sensors become faulty and flood the CMS with false alarms.

To enter a Hidden Event Comment;

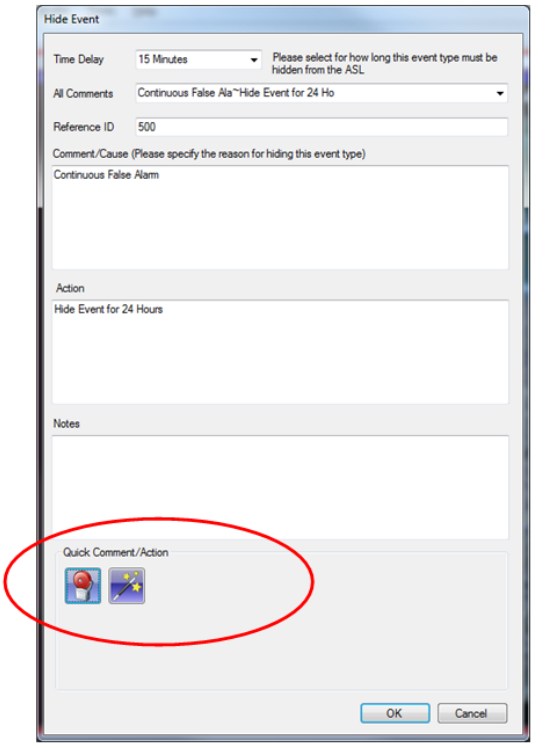
- Select the event in the event list.
- Select the Hide Event  button.
- Select the period of time the event types are to be hidden from the operators.



- Enter details directly into the text fields for reference, comment, action and note or,
- Select the 'All Comments' drop-down list to select a predefined comment and populate all fields with a single selection or,

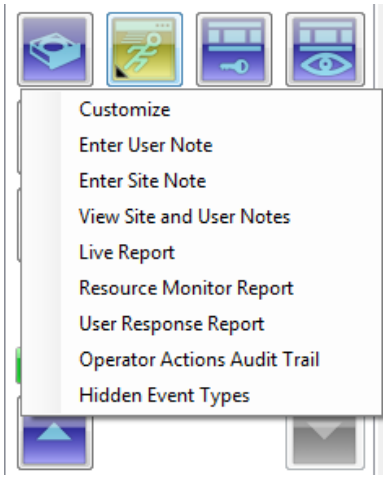


- Select a 'Quick Access Button' (QAB) to select a predefined comment and populate all fields with a single selection.



2.28 Launching Applications

Click the **Applications Launcher** button to display the applications that are listed in the drop down menu that is displayed. The example below shows the default applications and 'Customize' allows applications to be added to the list.



2.28.1 Customizing

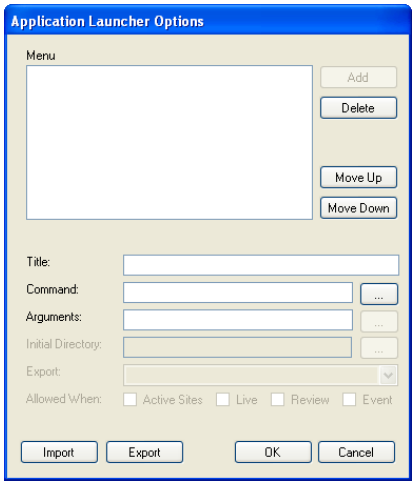
To add applications that may be launched using the Applications Launcher , select Customise from the drop-down menu to display the Applications Launcher Options dialog.

In the Title box, enter an appropriate name for the application.

Use the **Browse** button to navigate to the application and click the **Add** button. Menu items can be sorted using the Move Up and Move Down buttons and removed using the Delete button.

Once all applications have been added, click **OK** to exit Application Launcher setup.

The new application will be displayed in the drop down menu when the **Applications Launcher** button is next clicked.



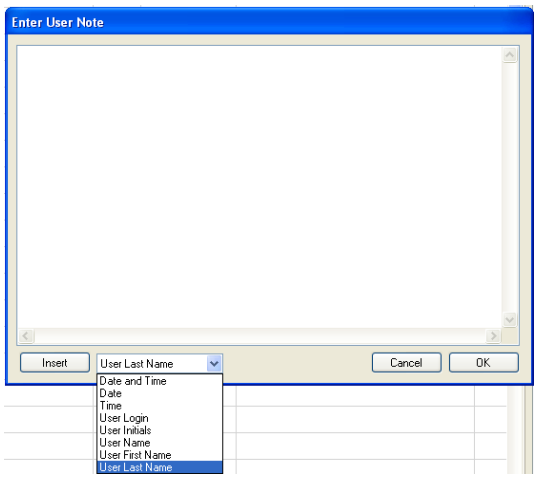
2.28.2 Entering User Notes

User Notes enable the Operator to record a comment or observation for later reference. User notes are available when connected to a site or via the Active Sites List and are made in the name of the respective operator.

Click the **Applications Launcher** button then select Enter User Note.

Click the down arrow to display the drop-down list then select the predefined options as required. Click the **Insert** button after each is selected to enter into the text area.

Enter the required text then click **OK**.



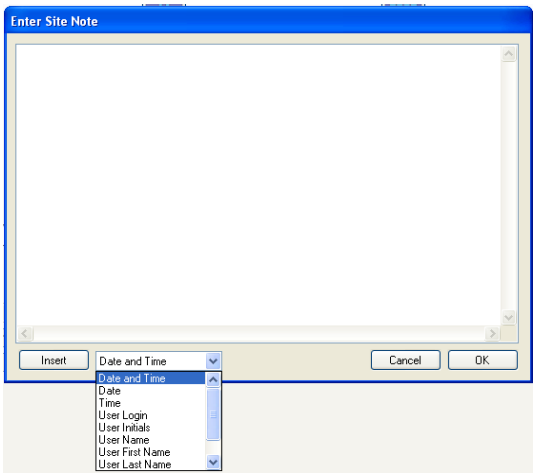
2.28.3 Entering Site Notes

Site Notes enable the Operator to record a comment or observation about the currently connected site for later reference.

Click the **Applications Launcher** button then select Enter Site Note.

Click the down arrow to display the drop-down list then select the predefined options as required. Click the **Insert** button after each is selected to enter into the text area.

Enter the required text then click **OK**.



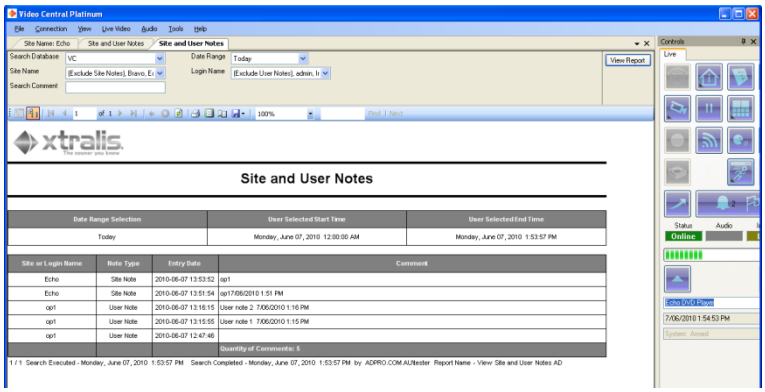
2.28.4 Viewing Site and User Notes

Site and User notes may be compiled and viewed as a report at any time. To compile and view the report,

Click the **Applications Launcher** button then select View Site and User Notes. The message ‘Report is Being Generated’ will briefly appear then a report in the form shown below will be displayed.

As new Site and User Note reports are generated, they are stacked with tabs upward and arranged in the order of creation in the Left Hand Panel. Hidden reports may be accessed by clicking their exposed tabs.

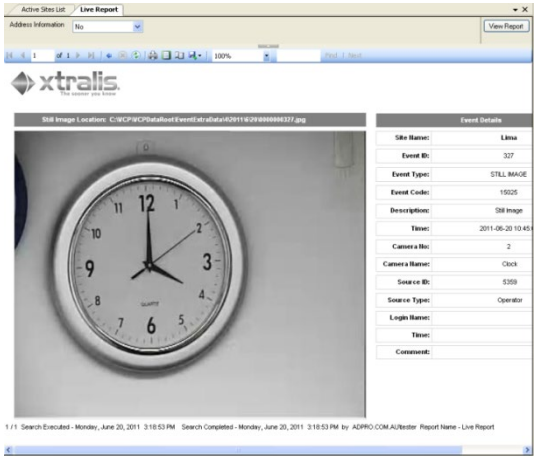
Select a report via the tab then click the **View Report** to refresh the displayed report. The date and time of the most recent access will be displayed as the User Selected End Time.



2.28.5 Generating a Live Report

A Live Report may be generated at any time as follows:

- Click the **Applications Launcher** button then select **Live Report**. The Still Image Search will become active.
- Perform a Search.
- Click on the Still Image Event row within the Still Image Search results to create a Live Report. The message ‘Report is Being Generated’ will briefly appear then a report in the form shown below will be displayed.
- Note: To create further Live Reports, click the Back button then select a new event.



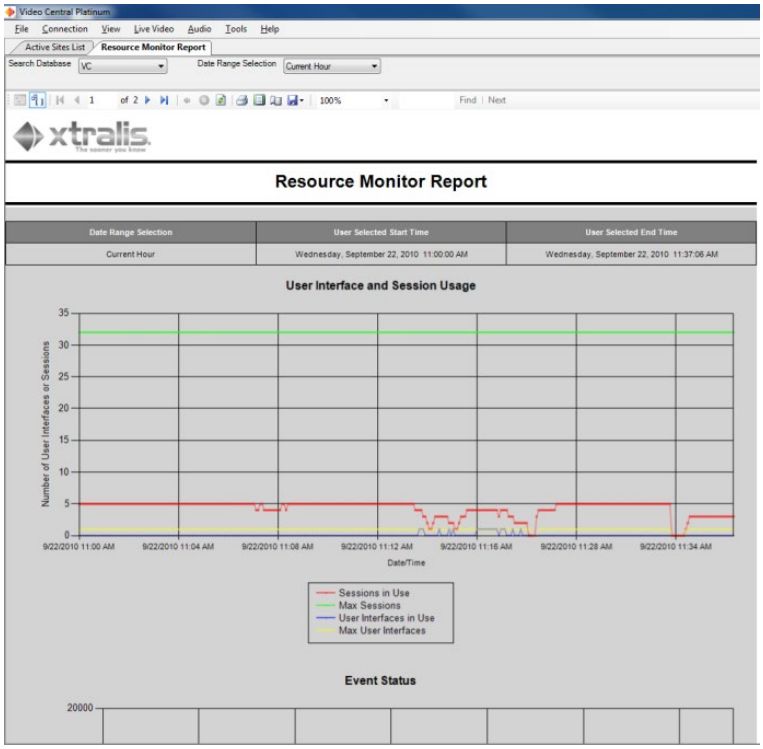
2.28.6 Generating a Resource Monitor Report

A Resource Monitor Report may be generated at any time as follows:

Click the **Applications Launcher** button then select Resource Monitor Report.

Once the Report is displayed, enter the Database name and Date Range.

Select View Report. The message ‘Report is Being Generated’ will briefly appear then a report in the form shown below will be displayed.



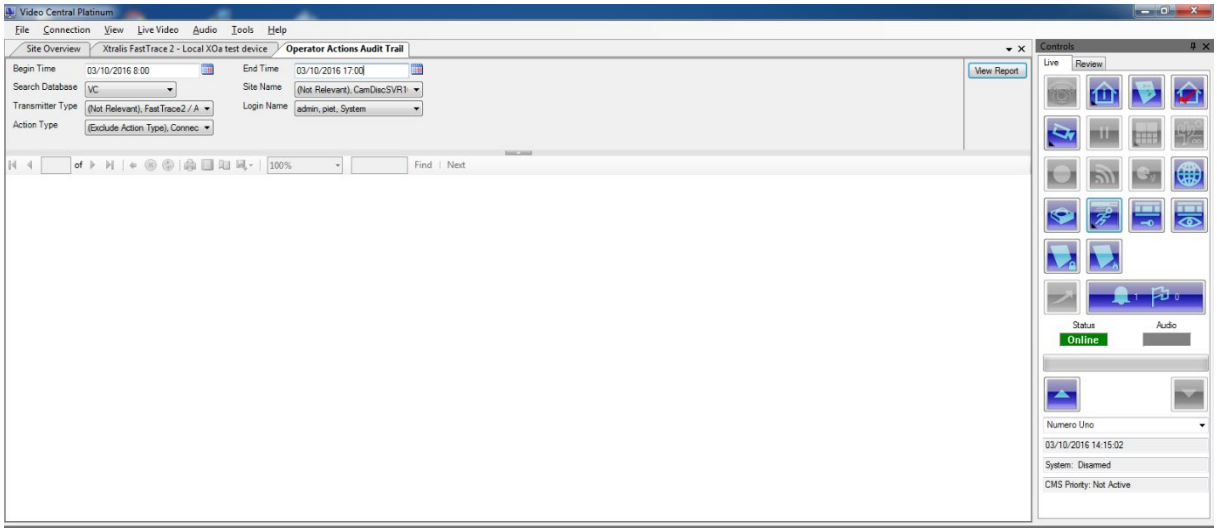
2.28.7 Generating an Operator Actions Audit Trail Report

An Operator Actions Audit Trail Report may be generated at any time as follows:

Click the **Applications Launcher** button then select Operator Actions Audit Trail.

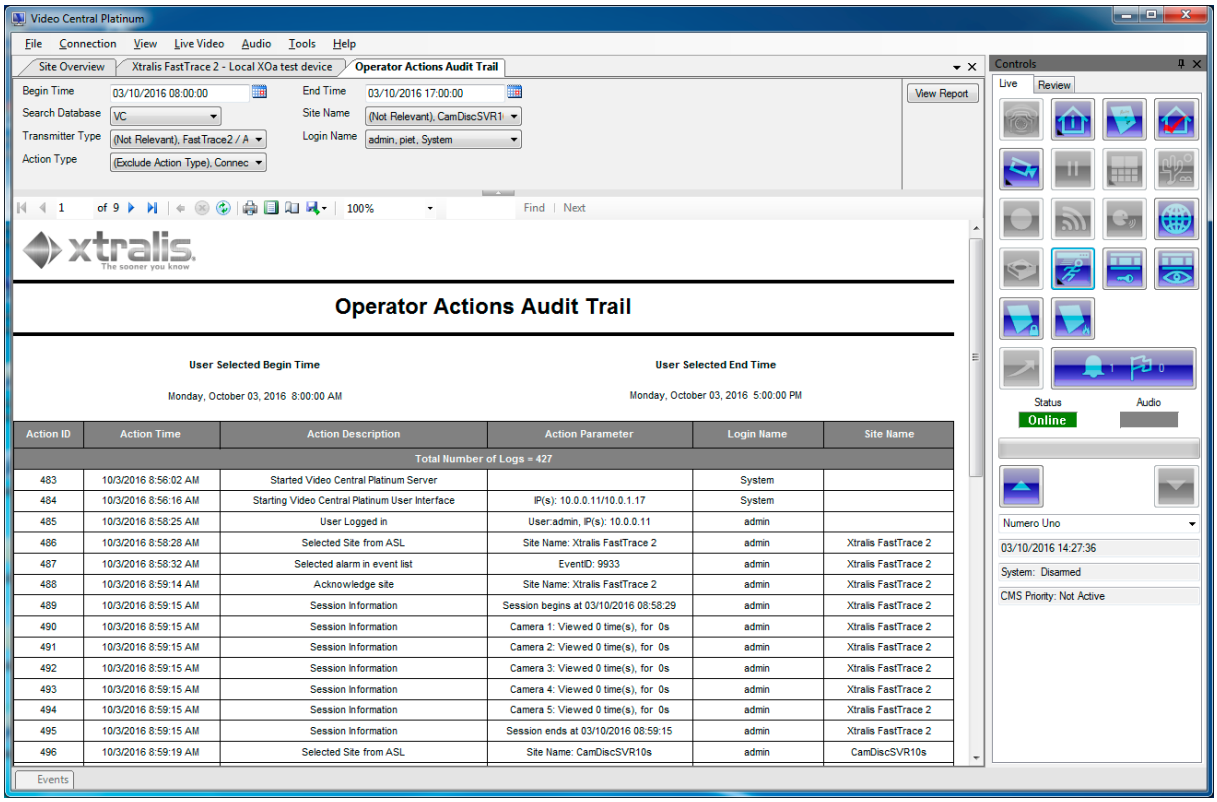
The report’s parameter panel will load. Set a start and end time for the report. Click the calendar icon for choosing a date. If desired, the scope of the report period can be defined further by manually adding a time component to selected date. As needed, set additional parameter fields, such as Site Name, Transmitter Type, Login Name, and Action Type.

Click the View Report button to load the report.



The message 'Loading' 

will briefly appear, and then a report in the form shown below will be displayed.



2.28.7.1 Report Field Descriptions

Field	Description
Date Range Selection	The default date is 'Today'. Other settings are available.
User Selected Start Time	The Date Range Selection sets this time.
User Selected End Time	The Date Range Selection sets this time.
Action ID	Action ID is a unique identifier for Operator actions.

Field	Description
Action Time	Action Time is the time and date an action was performed by the operator, as provided by the VCP Server timestamp.
Action Description	Action Description corresponds to the Event Description.
Action Parameter	Action parameters indicate how an event was applied. For example, when an operator connects to a site the action description is 'Successfully connected to site' and the action parameter is the site name.
Login Name	This is the login name used by the operator.
Site Name	The Site Name as it appears in the Active Sites List and other reports.
Total Number of Logs	The number of logs returned by the report, given your filter criteria.

The table of Action Types and their Action Descriptions below can be used to correlate an 'Action Description' in the Operator Actions Audit Trail Report with an 'Event' in the Video Central Platinum Events List.

2.28.7.2 Audit Log Descriptions

Action Type	Action Description
SiteConnect	Request connect to site
SiteDisconnect	Disconnecting from site
Connect	Successfully connected to site
Connect	Failed to connect to site
Connect	Another CMS has priority over site
Connect	CMS Priority Activated on site
CreateStillImage	Still Image Created
EventCommentCancel	Event Comment Window Cancelled
EventCommentOK	Event Comment Window Entered
EventCommentOpen	Event Comment Window Opened
FireReset	Force Fire Reset
GuardtourOn	Selected guard tour
GuardtourOff	Exiting live mode
GuardtourOff	Switching from Guard Tour to live view
HideEventType	Hide Event Type
HighestPrioritySite	Next highest priority site
LoadEventProcedure	Load Event Procedure
LoadEventProcedure	Load Fire Procedure
LoadEventProcedure	Load Security Procedure
LocalAudioOff	Talk to site turned off
LocalAudioOn	Talk to site turned on
OperatorObservation	Operator Observation
PrivateWallClosed	Private Wall window closed
PrivateWallGTStarted	Start Private Wall Guard Tour
PrivateWallOpened	Private Wall window opened
ResetHiddenEventTypes	Reset hidden event types
SiteAudioOn	Listen to site turned on

Action Type	Action Description
SiteAudioOff	Listen to Site turned off
SetOutput	Output turned off
SetOutput	Output turned on
SetSitePriorityType	Set ASL site priority type
SetVideoQuality	Video quality selected
ShowAlarm	Selected alarm in event list
ShowAlarm	Skipping warning messages for current session
ShowAlarm	Skipped cameras for event
ShowAlarm	Return to previous event by selecting return
ShowAlarm	Associated camera selected
SiteACK	Acknowledge site
SiteACK	Initial Fire Alarm received
SiteACK	Second Fire Alarm received
SiteArm	Arm site
SiteAudioOff	Listen to site turned off
SiteAudioOn	Listen to site turned on
SiteConnect	Failed to connect to site
SiteConnect	Request connect to site
SiteDisarm	Disarm site
SiteDisconnect	Disconnecting from site
SiteSelect	Selected Site from ASL
SiteRelease	Release site
SiteRelease	Cancel site connection
SiteSelect	Selected Site from ASL
StopLive	Stop live video
StopReview	Exit review mode
StreamLive	Start live video
StreamReview	Enter review mode
UserChangePassword	User changed password
UserLogin	User Logged in
UserLogout	User logged out
VCPShutdown	Shutting down Video Central Platinum User Interface
VCPShutdown	Stopped Video Central Platinum Server
VCPStartup	Started Video Central Platinum Server
VCPStartup	Started Operator Log
VCPStartup	Started Video Central Platinum Client
ZoneIsolate	Camera isolate
ZoneIsolate	General I/O isolate
ZoneIsolate	Isolate input
ZoneIsolate	No Video isolate
ZoneIsolate	Presidium Detection isolate

Action Type	Action Description
ZoneIsolate	Video Motion Detection isolate
ZoneUnisolate	Camera unisolate
ZoneUnisolate	General I/O unisolate
ZoneUnisolate	No Video unisolate
ZoneUnisolate	Presidium Detection unisolate
ZoneUnisolate	Unisolate input
ZoneUnisolate	Video Motion Detection unisolate
AddiRespondEvent	Create iRespond Key
CloseiRespondEvent	Delete iRespond Event
AddCamerasiRespondEvent	Add Cameras to iRespond Event
ProlongiRespondEvent	Extend iRespond Key Period
SiteSessionInformation	Session Information
UpdateSystemMonitorMessages	Modify System Monitor message configuration

The Operator Actions Audit Trail Report can be used with the exported Live Video to gain a view of an operator's actions and the resulting event video.

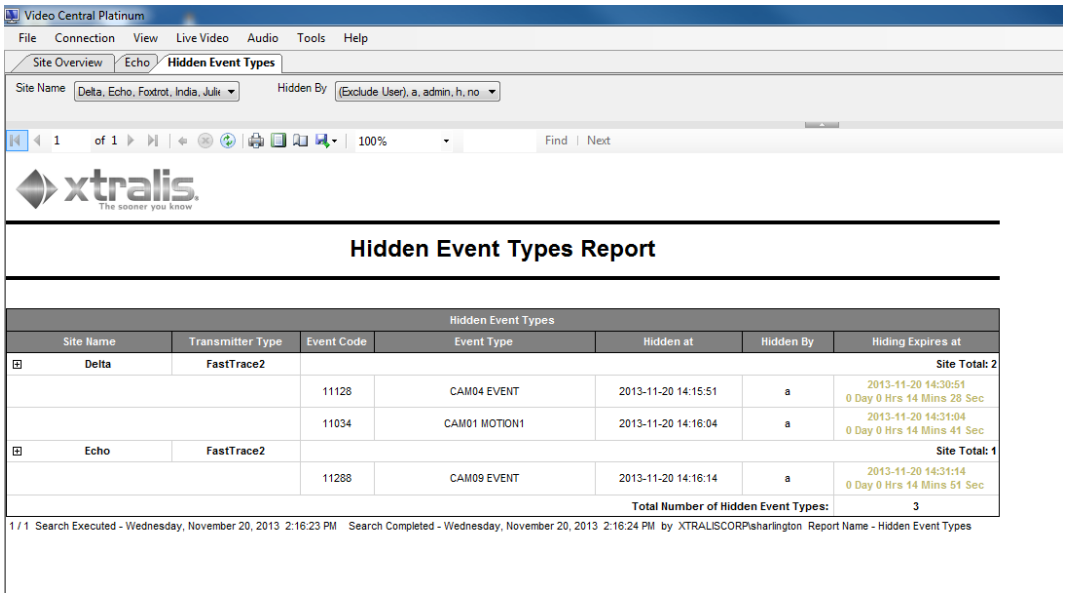
2.28.8 Generating a Hidden Events Report

A Hidden Event Types Report may be generated at any time as follows:

Click the **Applications Launcher** button then select Hidden Event Types.

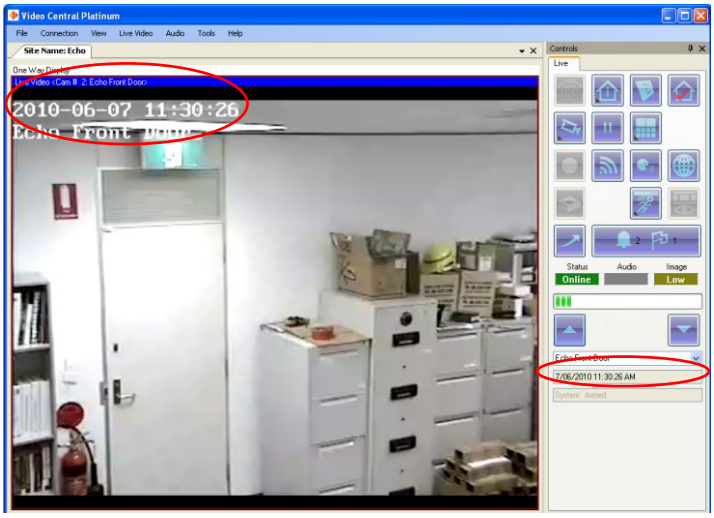
Once the Report is displayed, select the Site Name and Hidden by filters.

Select View Report. The message 'Report is Being Generated' will briefly appear then a report in the form shown below will be displayed.



2.29 Viewing Date and Time

The current time at the site to which the Operator is connected is displayed, as shown circled below, at the top of the camera image and in the Controls area.



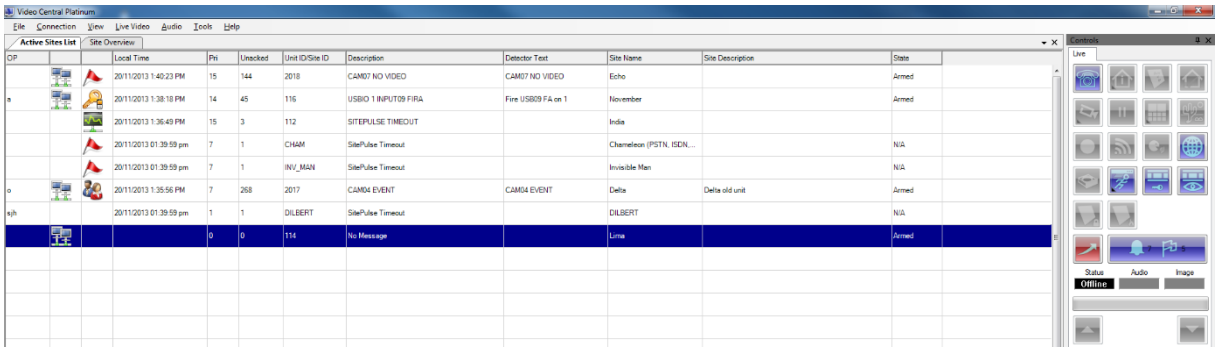
2.30 Managing Alarms

The following sections describe how to manage alarms within Video Central Platinum.

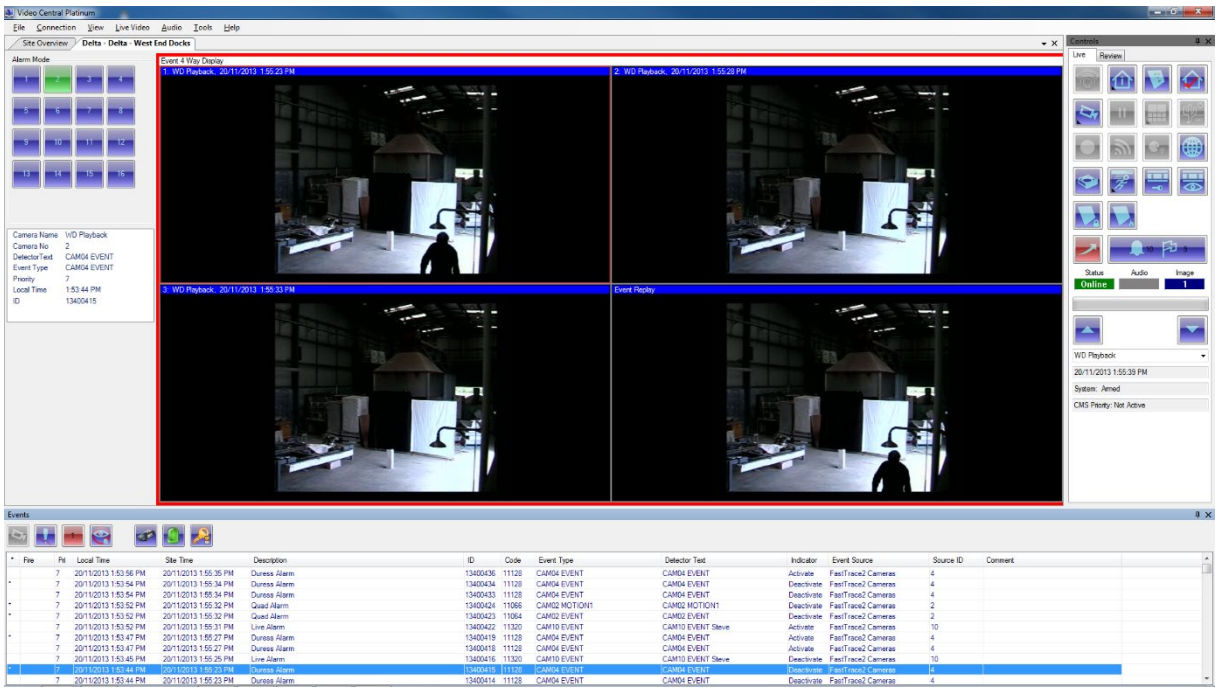
2.30.1 Connect to Site from ASL

When a site in alarm appears on the Active Sites List (ASL), double click to select the site or click the **Next Highest Priority** button and Site View Mode will be displayed.

For an explanation of the Active Sites List, refer to Section 2.16.



Once Site View Mode is displayed, select the event by clicking the event name within the Events list. Alarm information or live images can then be viewed and assessed.



2.30.2 Event List Navigation using a Mouse

When the mouse is used to cycle through the events in the event list if the user does not select all associated cameras with the event using the left hand control the mandatory viewing warning will be displayed. See Section 2.30.4.

2.30.3 Event List Navigation using Keyboard Keys

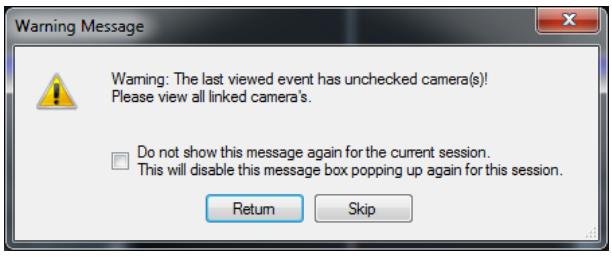
When the keyboard up and down arrow keys are used to cycle through the events in the event list the following order is imposed;

1. Selects the images for the next associated camera for the current event.
2. If no more associated cameras exist the next event is selected.

If the operator uses keyboard up arrow key and does not cycle through all associated alarm images and then uses keyboard down arrow key when the next event is selected the mandatory viewing warning will be displayed. See Section 2.30.4.

2.30.4 Mandatory Viewing of Alarm Images

If the operator does not view all cameras associated with an event using the left hand control or the keyboard up and down arrow keys the following mandatory viewing warning will be displayed.



The operator has the following options;

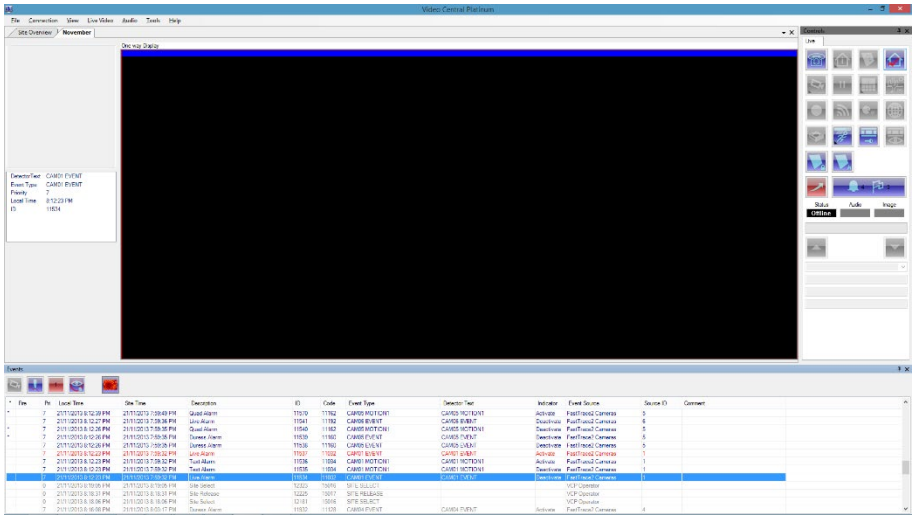
a) Select '**Return'** and view all cameras associated with the event before selecting the next event.

b) Select '**Skip'** and go to the next event. Logging will be performed to indicate at a later stage that not all alarm images were viewed for the selected event.

c) Select the '**Do not show this message again…**' checkbox followed by '**Skip**'. The operator will no longer be presented with the warning dialog for the current session. Logging will be performed to indicate at a later stage that not all alarm images were viewed for the selected event.

2.30.5 Failure to Connect

If a site is selected from the Active Sites List but the connection is unsuccessful, Video Central Platinum will change to Site View Mode with the Events List displayed. The upper section will be inactive with no live video or other live functions available. The Status box will indicate Offline.



Even though there is no connection to site, alarms can still be processed via the Events List by selecting and acknowledging.

If in this mode an event is selected from the Events List or the **Connect**  or **Live Video** buttons are clicked, Video Central Platinum will re-try the connection and if successful, all live functions will be enabled.

Whether or not a connection has been made, when all active alarms and events have been processed, click the **Acknowledge**  button to complete the processing. This will exit Site View Mode and return to the Active Sites List.

2.30.6 Event Types

During transmitter setup, each event is assigned to a particular type and this is shown in the Description column of the Event List. When the Operator selects an event from the list, Video Central Platinum will act in a particular way according to its designated type. Alarm event types and the way Video Central Platinum responds are as follows:

2.30.6.1 Quad or Duress Quad Alarm

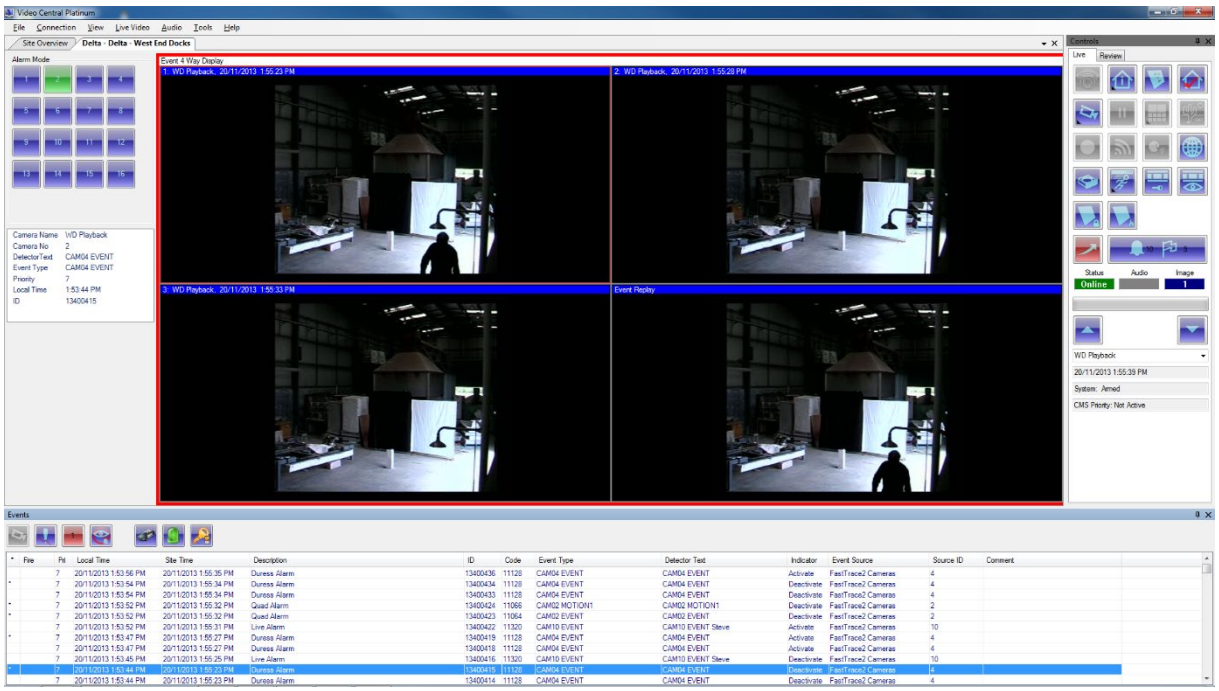
When a Quad alarm type is triggered, Video Central Platinum changes to a quad screen format and displays images as follows:

- Three of the cameos display fixed images taken in consecutive order at set intervals from the camera associated with the alarm.
- The fourth cameo displays either the three images cycled in sequence at one-second intervals or live video of the alarm channel (See Alarm Configuration Setup Menu in the Setup and Configuration Manual). This enables the Operator to check for slight changes which may not be detectable from a single image.

Quad type is typically used for intrusion detection alarms where it is important to verify the cause of every alarm.

If multiple cameras are associated with the alarm use the channel buttons in the left hand control or the up and down arrow keys on the keyboard to select and view the alarm images.

A Quad alarm in quad format is shown below with sixteen cameras associated with the event:



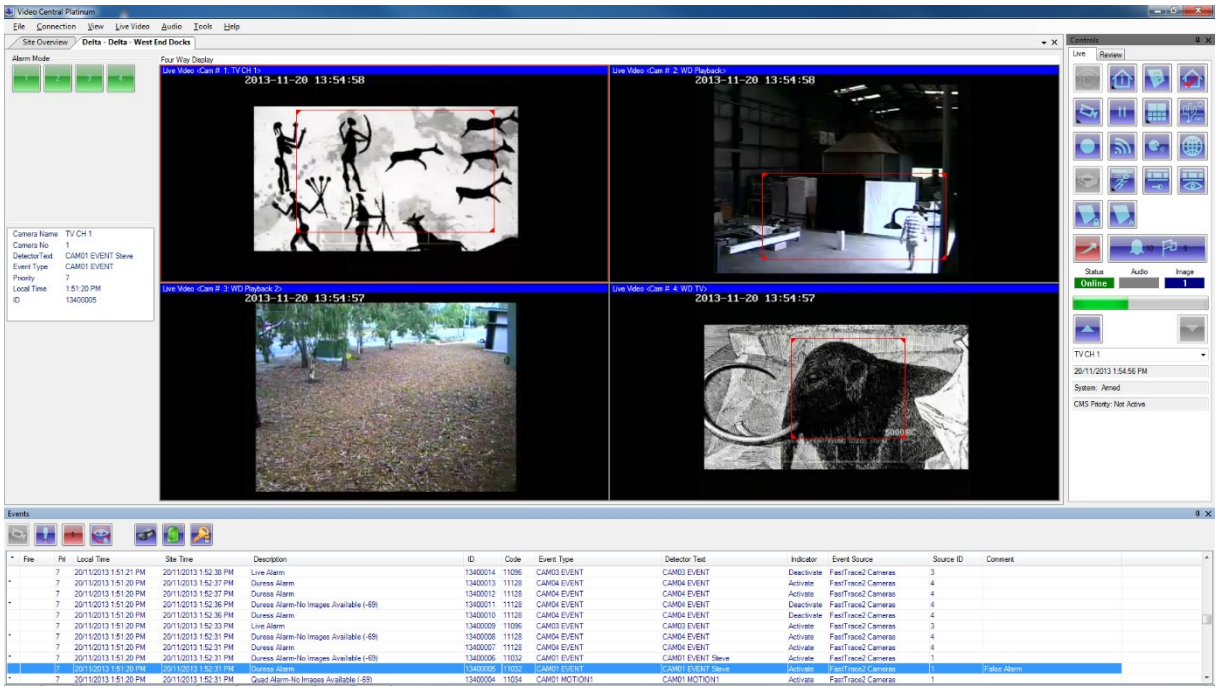
2.30.6.2 Live or Duress Live Alarm

When a Live alarm type is triggered, Video Central Platinum changes to the required split format to accommodate all of the cameras that are associated with the event.

Live alarm is typically used in applications where it is important that the Operator acknowledges a particular event such as a request to gain access into a particular area.

Use the camera selection buttons in the left hand control to select any of the associated cameras to full screen live mode. Note if only one camera is associated with the event then the video display will already be displayed full screen.

A Live alarm in live format is shown below with four cameras associated with the event:



When a live alarm is selected VCP will automatically save a single image for each associated camera to the database. The images can be viewed by running an incident report for the respective event. Since VCP automatically selects the first alarm in the event list when a user selects a site from the Active Sites List this feature maybe useful for customers that use live alarms.

2.30.6.3 Duress Alarm

When a Duress alarm is triggered the ADPRO XO device sends two alarms with the same time stamp:

- a Duress alarm in Live format
- a Duress alarm in Quad format.

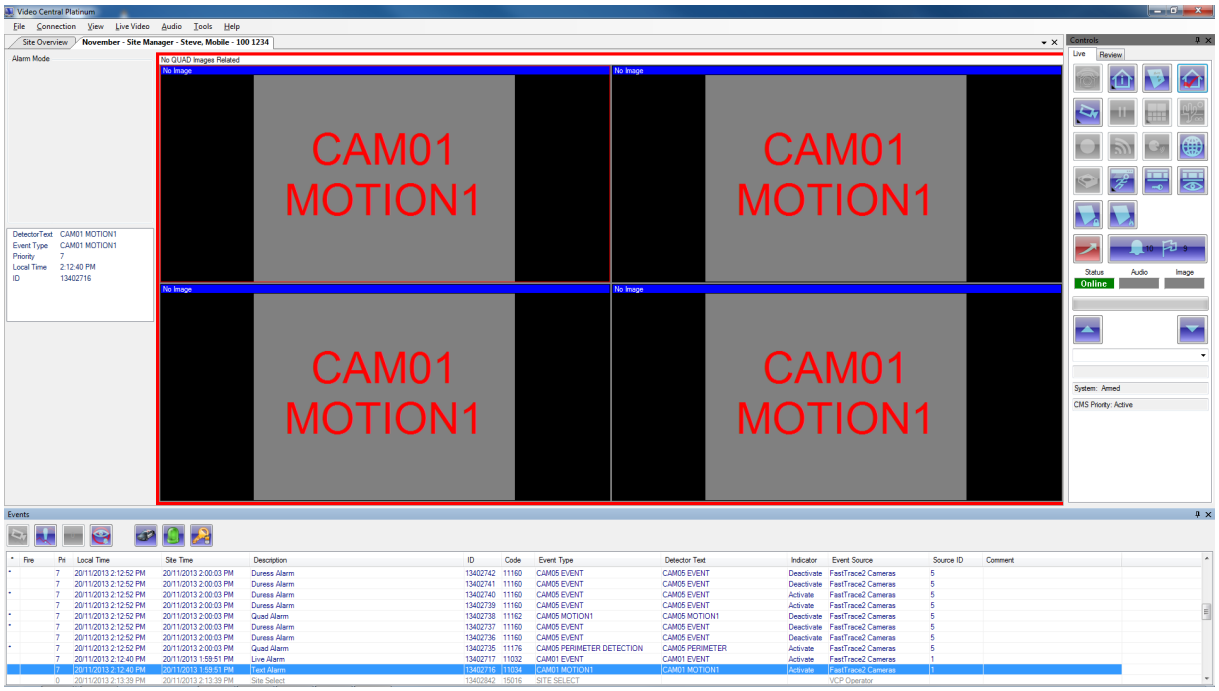
For a Duress type of event, a live alarm will be received first followed directly by a quad alarm.

2.30.6.4 Text Alarm

A text alarm does not have any associated video or images and displays text only. The absence of images is indicated by no entry in the left hand column of the Event List.

In the Description column, Text alarms may be listed as ‘Text Alarm’ or as Video Central Platinum-generated events such as ‘Site Disconnect’ and ‘Site Acknowledge’.

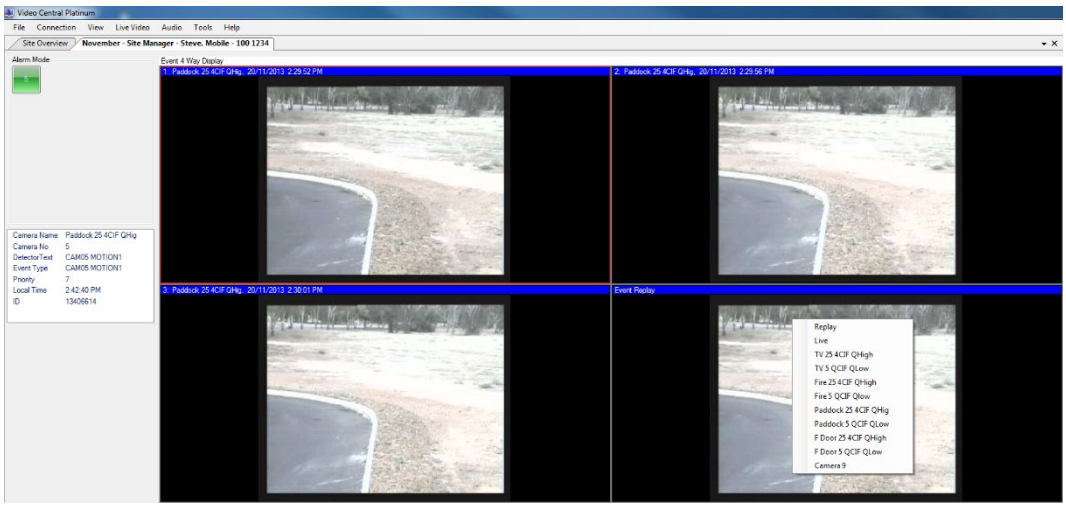
A Video Central Platinum-generated Text alarm is shown below:



2.30.7 Changing the Function and Cameras in a Fourth Alarm Quad

By default, Video Central Platinum can be setup to either display replay or live in the fourth alarm cameo. The operator can perform a right click on a quad alarm to change the function or camera in the fourth cameo of an alarm quad. The options are;

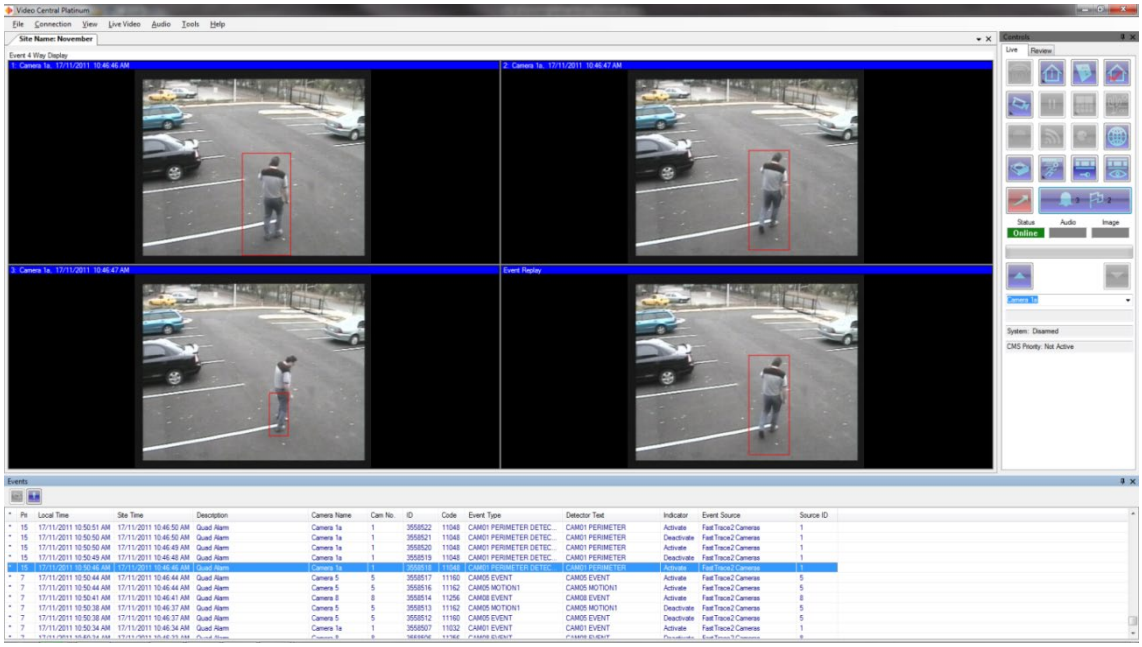
- Replay (cycles through the three static alarm image)
- Live (displays the camera in alarm)
- Select any camera



2.30.8 Bounding Box Operation

The bounding box feature allows detection tracking to be displayed within quad and duress alarms for ADPRO XO Fire Detection, Perimeter Detection, and Loitering event types. This feature is available for the respective event types displayed within Site View Mode and Event Search.

Note: Bounding boxes will only be displayed for the ADPRO XO Perimeter Detection and Loitering event types if the ADPRO XO device is fitted with version 2.03 or greater. For Fire Detection version 2.04 or greater is required.



2.30.8.1 Bounding Boxes on Alarms

Once Video Central Platinum is running and in Site View Mode the bounding boxes can be manually turned on or off as required for the Site View Mode Alarms through the Video Central Platinum User Interface either via the Ctrl – B shortcut key or the View > Bounding Boxes menu. Note bounding boxes are always displayed when displaying, exporting, or printing through the Event Search feature (Tools > Event Search).

2.30.8.2 Bounding Boxes on Live Video

Just like for bounding boxes for alarms, in Live Video mode the bounding boxes can be turned on or off. Behaviour follows the settings for live video when displaying, exporting, or printing through the Event Search feature (Tools > Event Search).

The colour of the bounding boxes whilst in Live Video mode, are fixed:

- **Green:** Tracking an object but it has not been qualified as a smoke or fire object
- **Orange:** Pre-alert - object is a suspicious smoke or flame object
- **Red:** Alert - object is a smoke or flame object

The orange and red bounding boxes are accompanied by one or two icons:

- The smoke icon indicates the bounding box contains at least one smoke object
- The fire icon indicates the bounding box contains at least one flame object.

LOITERING

- Loitering detection in the live or recorded stream is indicated by a loitering icon .

PERIMETER

- Perimeter detection in the live or recorded stream is indicated by a perimeter icon .

2.30.9 Post Alarm Actions

The Operator may make an Event Comment of observations and any action taken. Refer to Section 2.27.1, Entering Event Comments.

If an intruder is identified on site, the operator could listen to any sounds at the site, refer to Section 2.25.1, Listening to Site, broadcast a warning, refer to Section 2.25.2, Broadcasting Audio to Site, call the nominated contact person, refer to Section 2.17, Viewing Site Details, call a security patrol or call the police. The sequence of events depends on the operating procedure agreed with the client.

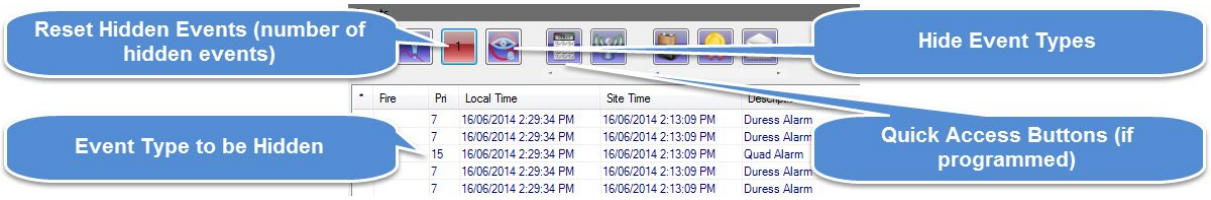
If no obvious cause is identified, the operator may check the entire site by conducting a guard tour. Refer to Section 2.23, Conducting a Guard Tour.

When the event has been satisfactorily attended to, the Operator acknowledges the site by clicking the **Acknowledge Site** button.

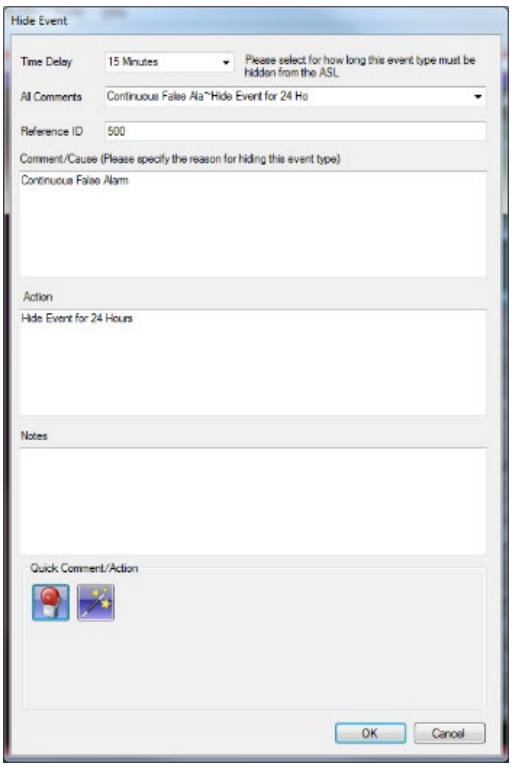
When the site is acknowledged, a prompt to make a Site Acknowledgement Comment is displayed.

2.30.10 Hiding Events

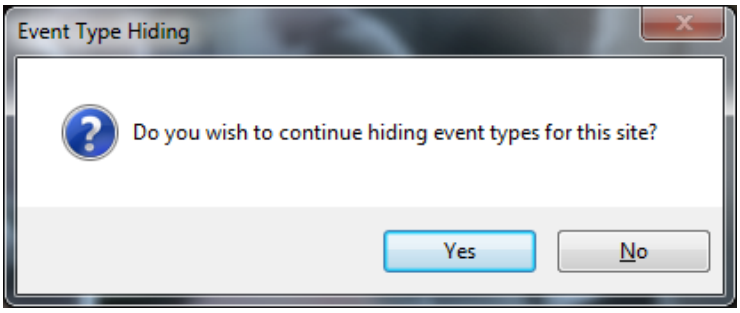
When the hide event from operator feature is turned on icons will appear on the top of the event list to enable the operator the ability to temporally hide events.



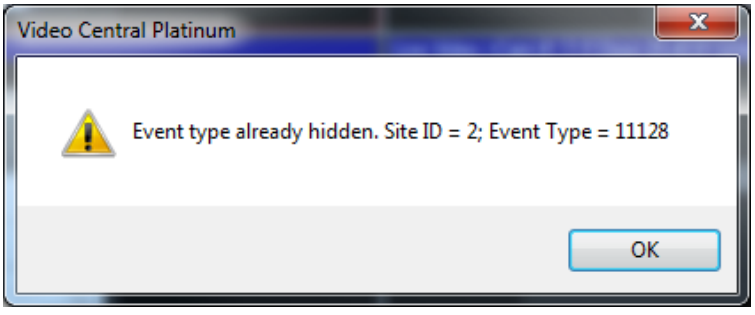
The operator will be able to select an event in the event list and choose to hide the event type from operators for a period of time by selecting a **'time delay'**. It is not mandatory to enter a hide event comment.



While the event type is hidden and these event types are received by VCP they will be automatically acknowledged meaning the site will not appear in the Active Sites List if only these types are received. In site view mode the events will appear as history events in the event list. The operator may also reset the hide timer to re-enable the display of events prior to the natural timer expiration. By default, every 8 hours a sysmonitor event shall be created for hidden event types as a reminder. The reminder interval is configurable. If an operator arms a site when event types are hidden the option to reset will be provided.



If an operator attempts to hide an event that is hidden for the current site the following warning will be provided.



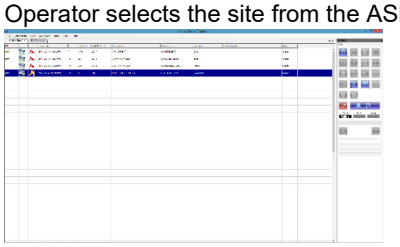
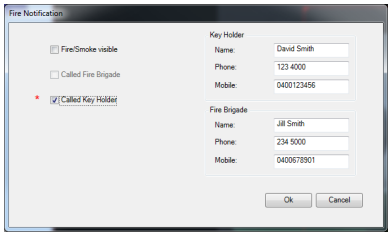
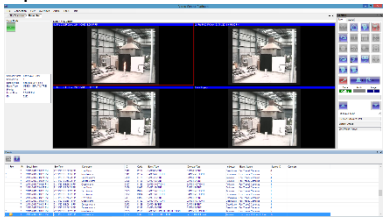
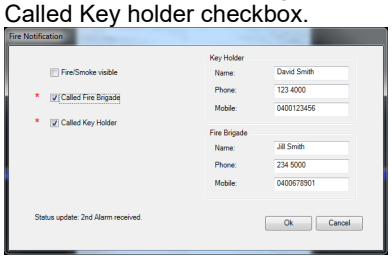
This feature would be typically used when detectors become faulty causing a high false alarm load.

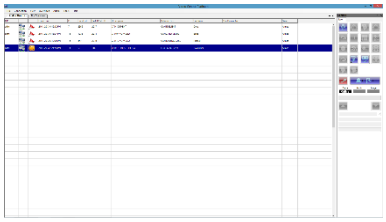
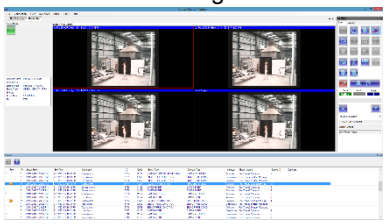
To view all hidden events for all sites see section 2.28.8.

2.31 Managing Fire Alarms

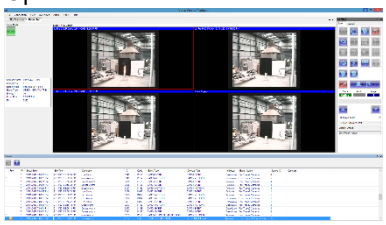
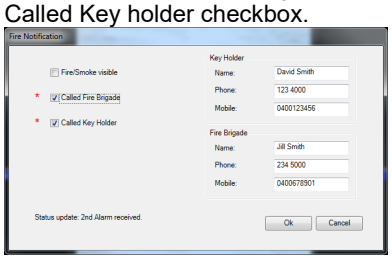
When fire events are received by Video Central Platinum a fire process is enforced. The tables below show typical workflows;

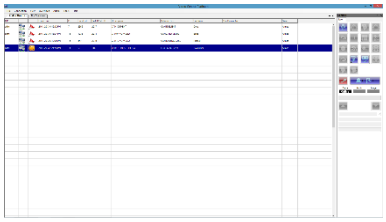
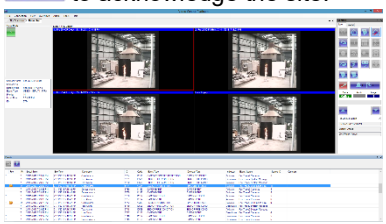
2.31.1 Two Fire Events are Received Separated in Time

Action	ASL State	Site View Mode State	Destination
Single Fire-P, Fire-A or Fire Alarm event received.	Call Key holder 	Call Key holder 	ASL
Operator selects the site from the ASL. 	Call Key holder 	Call Key holder 	Site View Mode
Operator selects the Call Key holder button  in Site View Mode then selects the Called Key holder checkbox. 	Key holder notified 	Key holder notified 	User automatically returned back to the ASL
Second Fire-P, Fire-A or Fire Alarm event received.	Call Fire Brigade 	Call Fire Brigade 	ASL
Operator selects the site from the ASL. 	Call Fire Brigade 	Call Fire Brigade 	Site View Mode
Operator selects the Call Fire Brigade button  in Site View Mode then selects the Called Fire Brigade and Called Key holder checkbox. 	Fire Brigade Notified 	Fire Brigade Notified 	User automatically returned back to the ASL

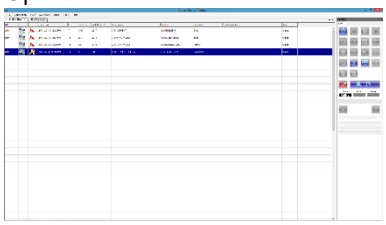
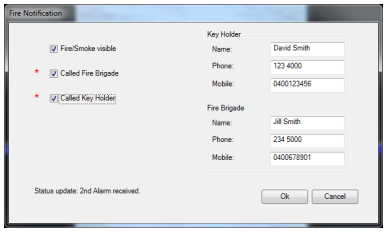
Action	ASL State	Site View Mode State	Destination
Fire Detectors Reset on Site by Fire Department. (This resets the ADPRO XO device's USB Inputs which in turn causes the ADPRO XO device to send an 'End of Fire Condition' event. 	Fire Alarm Present. Fire-P, Fire-A or Fire Alarm icon . Fire-T icon Note will be displayed if a higher priority security event is received.	Acknowledge Site	ASL
Operator selects the site from the ASL then selects the Acknowledge button to acknowledge the site. 	Fire Alarm Present. Fire-P, Fire-A or Fire Alarm icon . Fire-T icon Note will be displayed if a higher priority security event is received.	Acknowledge Site	User automatically returned back to the ASL

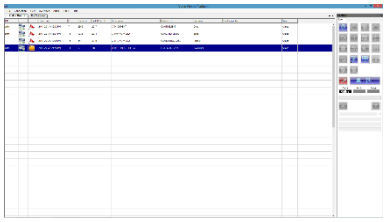
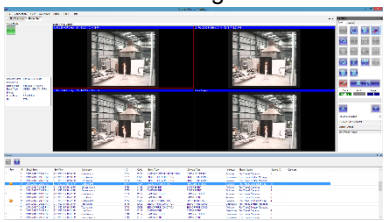
2.31.2 Two Fire Events Are Received at the Same Time

Action	ASL State	Site View Mode State	Destination
Two Fire-P, Fire-A or Fire Alarm events received. Operator selects the site from the ASL. 	Call Fire Brigade Call Fire Brigade	Call Fire Brigade Call Fire Brigade	ASL Site View Mode
Operator selects the Call Fire Brigade button in Site View Mode then selects the Called Fire Brigade and Called Key holder checkbox. 	Fire Brigade Notified	Fire Brigade Notified	User automatically returned back to the ASL

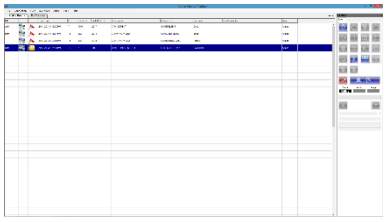
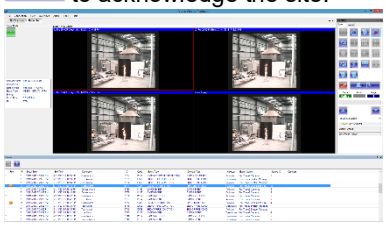
Action	ASL State	Site View Mode State	Destination
Fire Detectors Reset on Site by Fire Department. (This resets the ADPRO XO device's USB Inputs which in turn causes the ADPRO XO device to send an 'End of Fire Condition' event. 	Fire Alarm Present. Fire-P, Fire-A or Fire Alarm icon . Fire-T icon Note will be displayed if a higher priority security event is received.	Acknowledge Site	ASL
Operator selects the site from the ASL then selects the Acknowledge button to acknowledge the site. 	Fire Alarm Present. Fire-P, Fire-A or Fire Alarm icon . Fire-T icon Note will be displayed if a higher priority security event is received.	Acknowledge Site	User automatically returned back to the ASL

2.31.3 Single Fire Event Received and Operator Views Fire/Smoke

Action	ASL State	Site View Mode State	Destination
Single Fire-P, Fire-A or Fire Alarm event received. Operator selects the site from the ASL. 	Call Key holder Call Key holder	Call Key holder Call Key holder	ASL Site View Mode
Operator observes smoke or fire in the alarm images or live video. Operator selects the Call Key holder button in Site View Mode then selects the Fire/Smoke Visible, Called Fire Brigade and Called Key holder checkboxes. 	Fire Brigade Notified	Fire Brigade Notified	User automatically returned back to the ASL

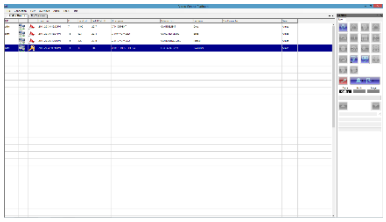
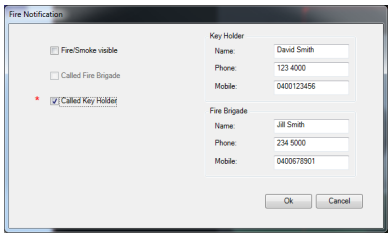
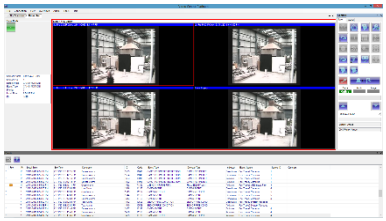
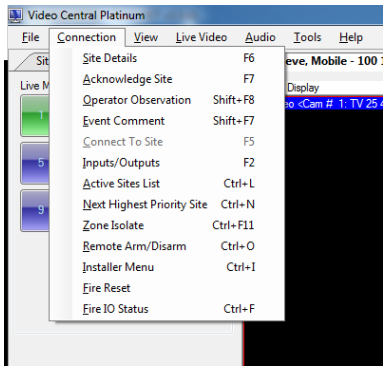
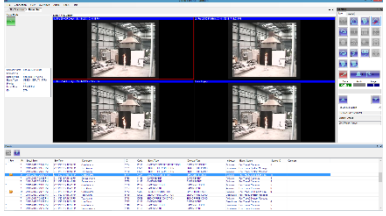
Action	ASL State	Site View Mode State	Destination
Fire Detectors Reset on Site by Fire Department. (This resets the ADPRO XO device's USB Inputs which in turn causes the ADPRO XO device to send an 'End of Fire Condition' event. 	Fire Alarm Present. Fire-P, Fire-A or Fire Alarm icon . Fire-T icon Note will be displayed if a higher priority security event is received.	Acknowledge Site	ASL
Operator selects the site from the ASL then selects the Acknowledge button to acknowledge the site. 	Fire Alarm Present. Fire-P, Fire-A or Fire Alarm icon . Fire-T icon Note will be displayed if a higher priority security event is received.	Acknowledge Site	User automatically returned back to the ASL

2.31.4 Fire Trouble Event Received

Action	ASL State	Site View Mode State	Destination
Fire-T event received. 	Fire Alarm Present. Fire-T icon Note will be displayed if a higher priority security event is received.	Acknowledge Site	ASL
Operator selects the site from the ASL then selects the Acknowledge button to acknowledge the site. 	Fire Alarm Present. Fire-T icon Note will be displayed if a higher priority security event is received.	Acknowledge Site	User automatically returned back to the ASL

2.31.5 Faulty Fire Sensor, Operator Performs Fire Reset

Action	ASL State	Site View Mode State	Destination
Single Fire-P, Fire-A or Fire Alarm event received.	Call Key holder	Call Key holder	ASL

Action	ASL State	Site View Mode State	Destination
Operator selects the site from the ASL. 	Call Key holder 	Call Key holder 	Site View Mode
Operator notifies the Key holder of the false alarm, selects the Call Key holder button  in Site View Mode then selects the Called Key holder checkbox. 	Key holder notified 	Key holder notified 	User automatically returned back to the ASL
Operator selects the site from the ASL. 	Key holder notified 	Key holder notified 	Site View Mode
Operator with permission selects Fire Reset. This transitions the fire process directly into the acknowledge site state. 	Fire Alarm Present. Fire-P, Fire-A or Fire Alarm icon . Note  will be displayed if a higher priority security event is received.	Acknowledge Site 	Site View Mode
Operator selects the Acknowledge button  to acknowledge the site. 	Fire Alarm Present. Fire-P, Fire-A or Fire Alarm icon . Fire-T icon  Note  will be displayed if a higher priority security event is received.	Acknowledge Site 	User automatically returned back to the ASL

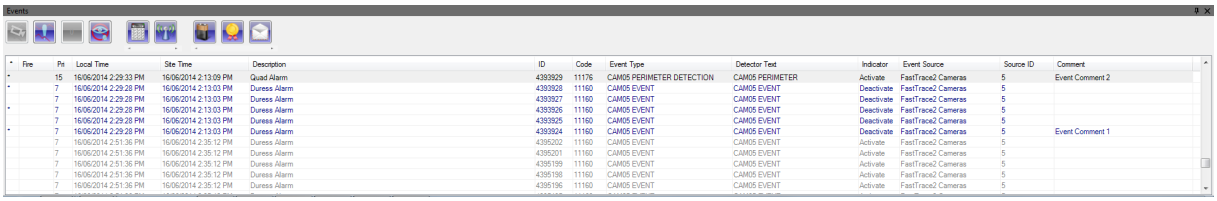
2.32 Using the Event List

When Video Central Platinum is connected to a site, the Events List will be displayed at the bottom of the User interface. The Events List displays both current and historic events.

A number of historic events are displayed in a distinctive ‘historic event’ colour at the bottom of the list. The number of events and the time period spanned are pre-set during setup.

Note: The colour of the events will be red for Live Alarms if the operator does not have access to the camera.

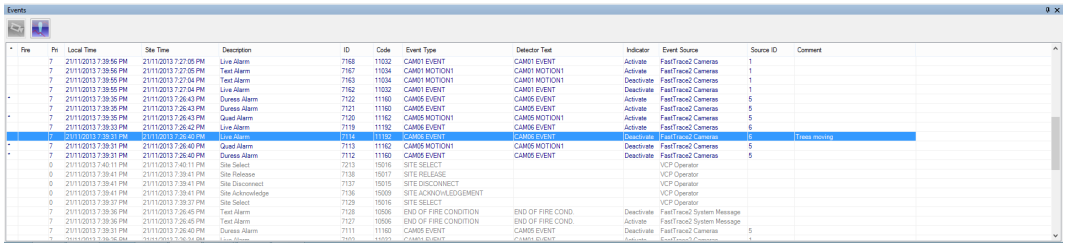
Above the historic events, the unacknowledged, currently active events are displayed in a distinctive ‘unacknowledged’ colour as pre-set during setup, as shown below:



The functions of the Events List columns are as follows:

Heading	Function
*	An asterisk in this column indicates that static alarm images are available
Fire	Fire Threat level Fire-P, Fire-A or Fire Alarm - Orange Fire-T - Yellow
Pri	Priority that has been assigned to event
Local Time	Monitoring station time at which the event was received
Site Time	ADPRO XO or HeiTel site time at which the event was triggered
Description	The description of the event or alarm
ID	Unique ID as assigned by the Video Central Platinum database
Code	Site or Video Central Platinum Event Code, set according to event type
Event Type	Description of the Event Type and can be descriptions of site or Operator-generated events
Detector Text	Detector Text can provide a meaningful description for a detected alarm if it has been defined during the ADPRO XO device configuration. When it is defined, Detector Text is assigned to a particular Input/Output Behaviour Name setting. The default Detector Text is the Event Type. For SITE RELEASE, SITE CONNECT, SITE SELECT, SITE DISCONNECT events the detector text will be set to the operator name who performed the action.
Indicator	Event types from the ADPRO XO device can activate (positive-going trigger) or de-activate (negative-going trigger) and can cause repetition if the event is re-sent
Event Source	Describes the activation of the event, for example Operator, alarm input or video motion detector
Source ID	Channel number or alarm input number associated with the event
Comment	Displays the event comment if one has been entered.

The layout of the default Events List is shown below:



When a new event occurs, its details are automatically added to the top of the Event List and the Operator may be notified by a sound if this option has been selected during setup.

Select an event by clicking on its name on the list or using the arrow keys. Any associated images will be displayed when the event is selected.

To acknowledge the event, click on the **Site Acknowledge** button.

To restore the live video display of the connected site, click on the **Live Video** button and select from the drop down list.

2.32.1 Changing the Event List Column Order

To change the default event list column order or size, follow these instructions;

Column Order – The column order can be set by holding the left click on a column header and dragging the column header left or right.

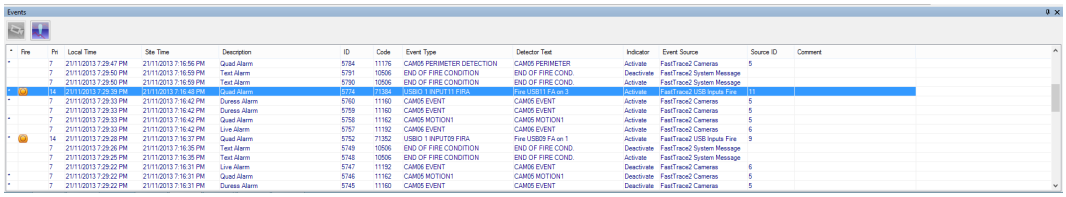
Column Size – The column size can be set by dragging the left or right side of the column header.

Zero Size Column Width - The column size can be set to zero by dragging the right side of the column header until the column can no longer be seen. The drag indicator will change to a double line indicator from a single line indicator.

Save Layout – The layout is saved automatically when the user interface is closed.

2.32.2 Generate a Report for the selected Site Event

Live and **Incident Report** buttons appear in the Events panel above the Event list.



When you review events in the Event list you can generate a report for the selected event by clicking on which ever of those buttons is active.

When you click on a still image event the **Live Report** button will be enabled, the Incident Report button will be enabled for all other events.

Selecting the button will generate the report in the Live or Incident Report tab.

2.32.3 Reviewing Event Video

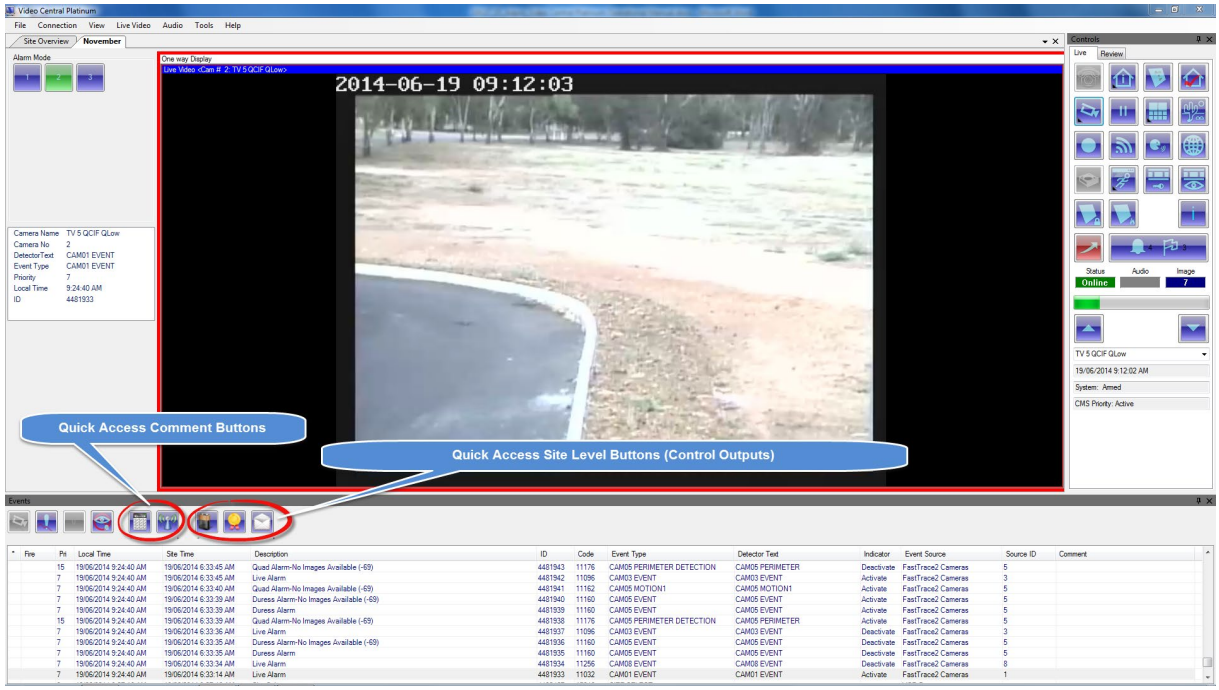
When a Quad Alarm or Duress Quad Alarm is selected, video related to the event may be reviewed by clicking **Review Event** Button. Video Central Platinum will automatically switch to review mode and display video from 5 minutes either side of the event for all associated camera.

2.33 Quick Access Buttons (QAB)

Site level quick access buttons appear on the event list when programmed. The buttons will either be displayed from left to right on the left-hand side of the event list or displayed in a group to the right of the event comment QAB if programmed.

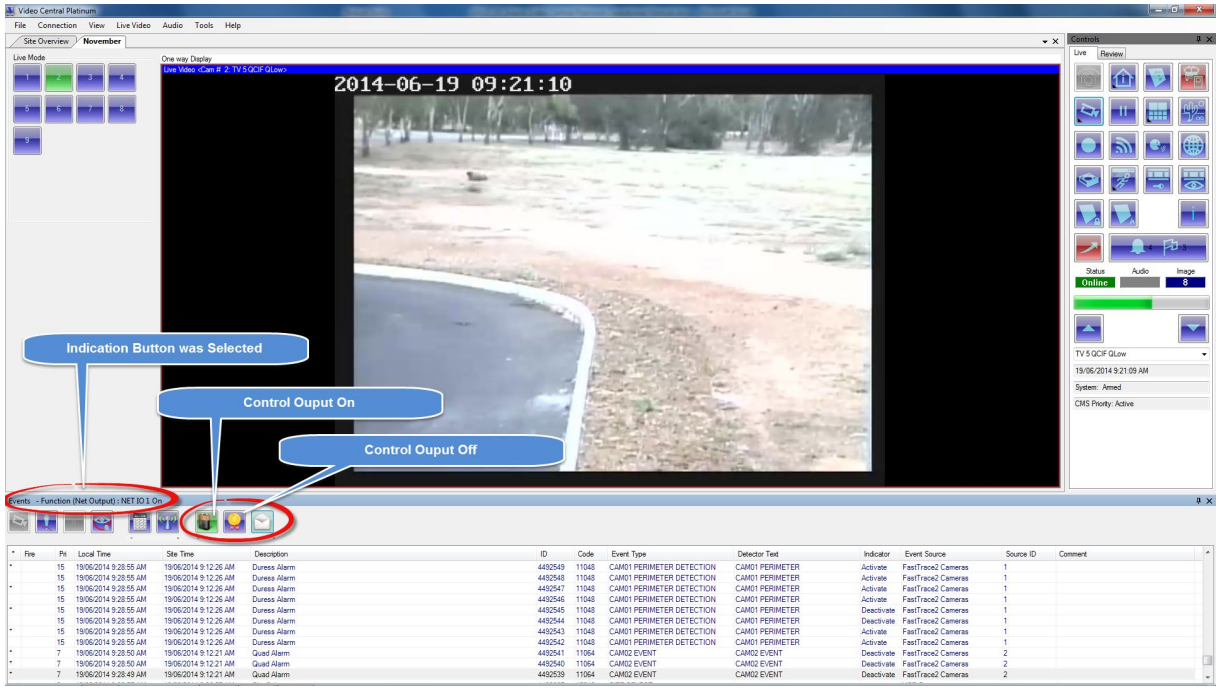
The site level QAB can be setup to activate the following features;

- Control Outputs (USB or NET IO).



2.33.1 Quick Access Buttons (QAB) Control Outputs

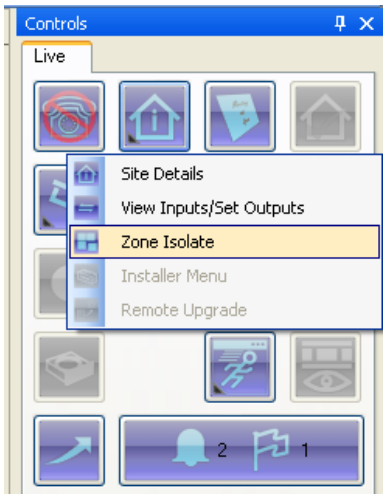
Selecting a control output QAB will either turn the output on or off when connected to the site. When the output is on the button background turns green to show the 'on' state. Hover text displays the button name which would typically be used to identify what function the button performs. Each time the button is selected the event list title displays the function activation for 2 seconds providing feedback to the user the button was selected.



2.34 Isolating Zones

The Zone Isolate feature allows the Operator to view and control the isolation status of alarm detectors and is useful when commissioning a transmitter, fault finding an installation or configuring detectors.

To display the Status dialog, click **Site Actions** then select Zone Isolate from the menu.



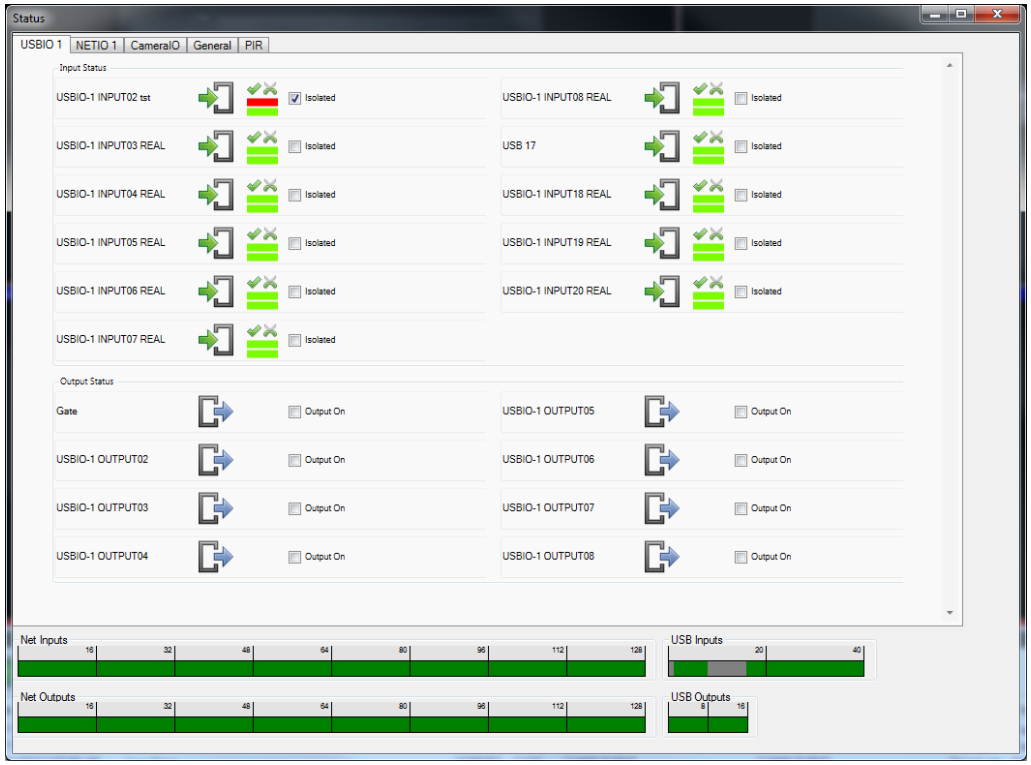
The Status dialog displays the status and condition of detectors and cameras and allows the Operator to make changes. To isolate or unisolate a specific sensor, select the checkbox for the appropriate input.

The Operator can unisolate or isolate a camera, the camera's video motion detection (VMD) function or for loss of video. Functions isolated in each case are as follows:

Camera Isolate: Tamper, P.Analytics, Event, Recording.

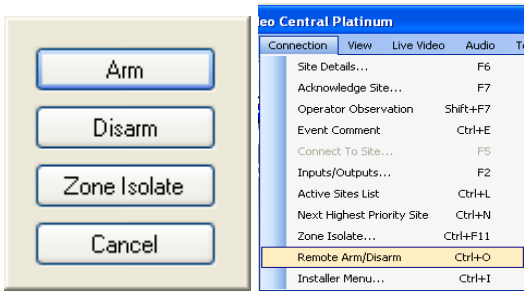
VMD Isolate: Motion 1, Motion 2, Motion 3, Motion 4, Presidium Detection.

No Video Isolate: Sync loss.



2.35 Arming and Disarming

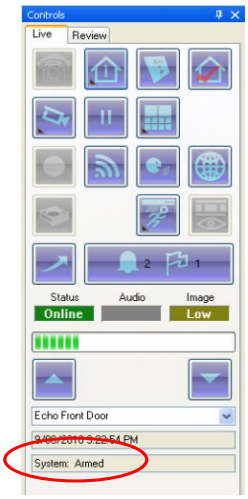
The Operator can remotely arm or disarm a site via the Connection menu and selecting Remote Arm/Disarm to display the Arm / Disarm / Zone Isolate button panel.



Click the **Arm** button. All detectors and cameras, except any that have been isolated, will become active and the system status in the Controls area will be shown as Armed.

Note: Certain event types may not be disarmed when Video Central Platinum disarms the system as this depends on the assignment and setup of alarm profiles within the ADPRO XO device.

Alternatively double click the **System:Armed** box in the Controls area.



Click the **Disarm** button. All detectors and cameras will become inactive and the system status in the Controls area will be shown as Disarmed.

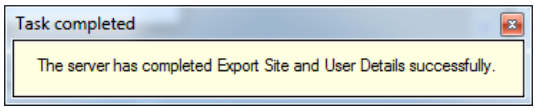


Click the **Zone Isolate** button and the Status dialog will be displayed allowing the Operator to disable or enable individual sensors.

Note: This is an alternative method to clicking Site Actions.

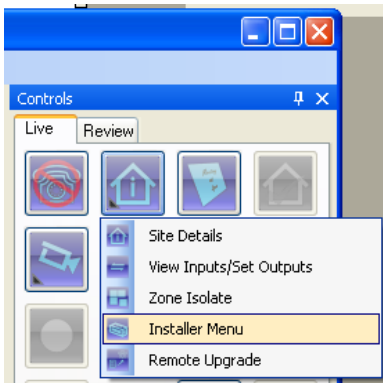
2.36 Task Schedule Notification

Reports and archiving of data can be run according to a schedule at predetermined times. A Task completed window appears at the bottom right hand corner of the monitor to notify programmed users that a task has been completed successfully.

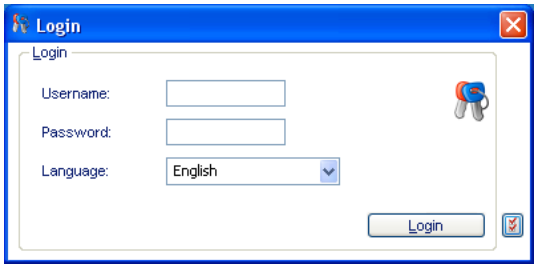


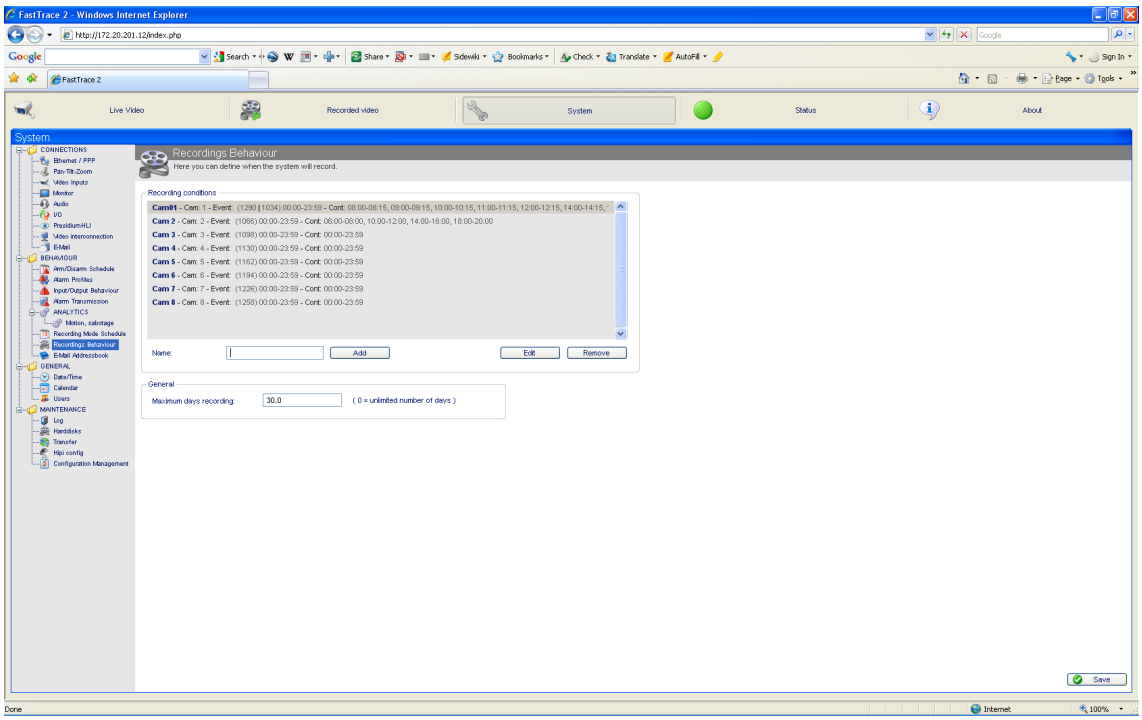
2.37 Installer Menu

The Installer Menu allows launching of the ADPRO XO Client which is used to setup all ADPRO XO functions. Access by clicking **Site Actions** then selecting from the drop down menu to display the Login box.



Enter the ADPRO XO device username and password then click **Login** to display the Recordings Behaviour dialog.

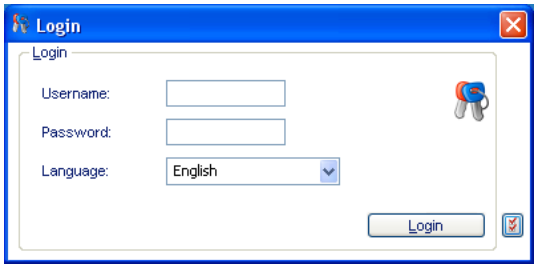


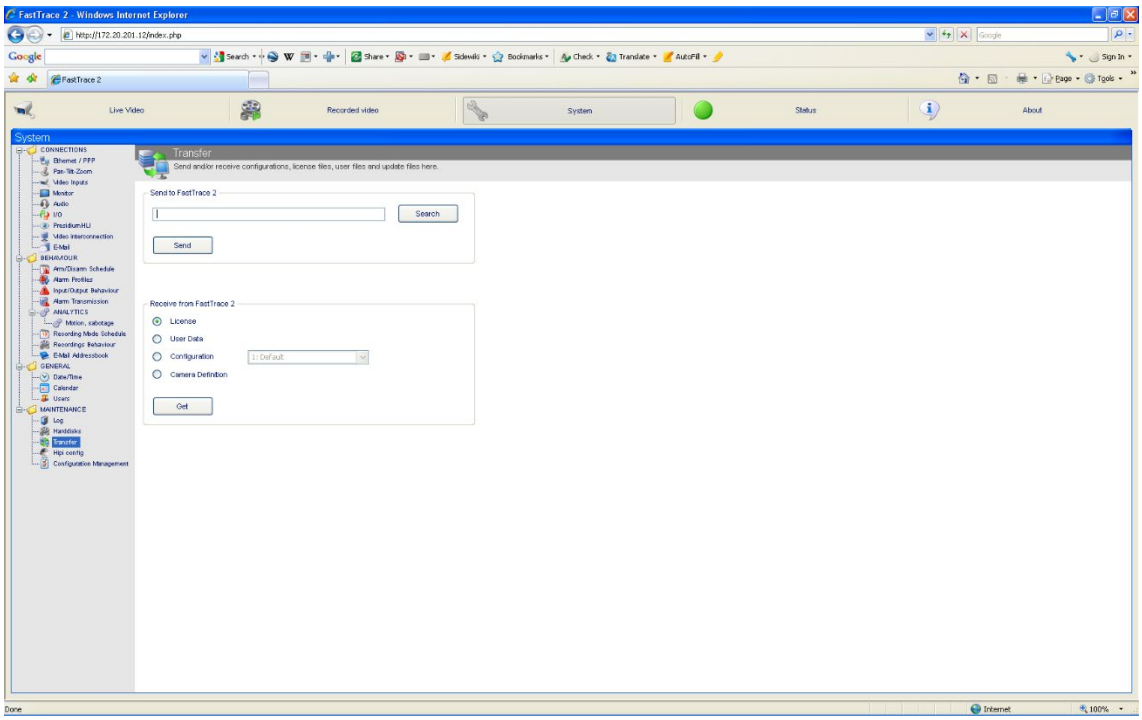


2.38 Remote Upgrade of ADPRO XO Device

The Remote Upgrade menu allows launching of the ADPRO XO Client which is used to setup all ADPRO XO device functions. Access by clicking **Site Actions** then selecting Remote Upgrade from the drop down menu to display the Login box.

Enter the ADPRO XO device username and password then click **Login** to display the Transfer dialog.





2.39 Private Wall

Note: Private Wall is a core feature included with Video Central Platinum and will only run when in Active Site List or Site View Mode. When a legacy site is chosen, the Private Wall option will become disabled and the screen will go blank. Only sites connected to Video Central Platinum can be view in Private Wall.

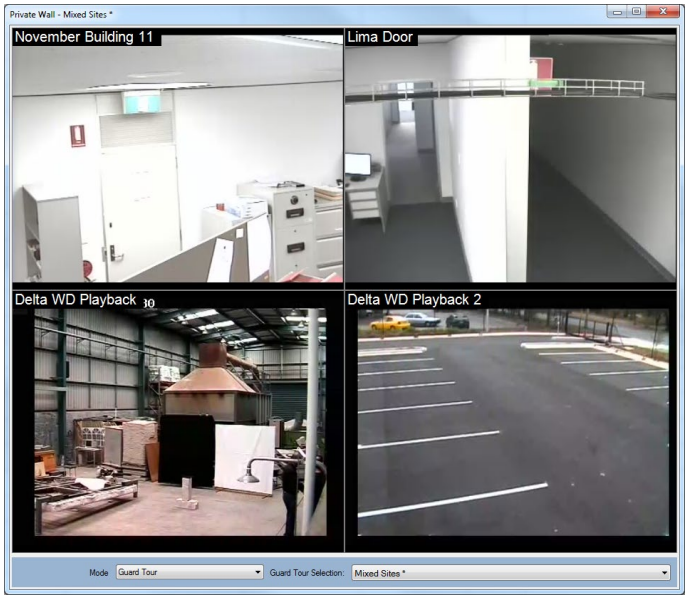
Private Wall enables the operator to view one or more Guard Tours, using any combination of cameras from their available sites, on one monitor. A Guard Tour consists of one or more screens displaying video in one or more cameos.

If a Video Central Platinum user has permission to create and use the Private Wall feature they will see the **Private Wall**  button enabled in their Controls box.



2.39.1 Running a Private Wall Guard Tour

Clicking on the **Private Wall** button will run the default Guard Tour, which will display the first screen after its Default time has elapsed. Until the Default time has elapsed the Private Video Wall screen will remain blank.



The default Guard Tour can be recognised in the **Guard Tour** list at the bottom of the Private Video Wall by the asterisk '*' it displays after its name. In the list above, 'Mixed Sites' is the default Guard Tour.

Any Guard Tour can be run by selecting it from the drop down list. If a Guard Tour is not set to run in an infinite loop Private Wall will display the default Guard Tour, or a blank screen, after the current Guard Tour completes.

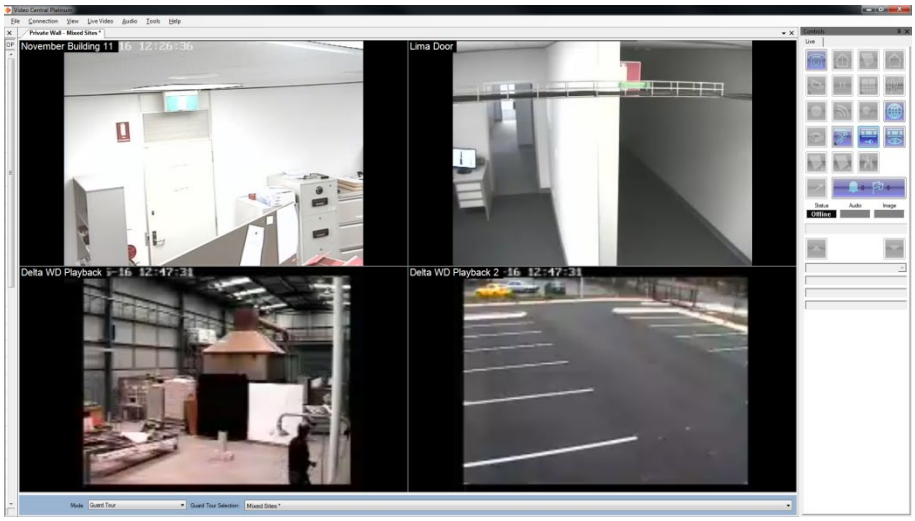
When the Mode is changed to **Controlled by Diagrams** from the list at the bottom of the Private Video Wall screen, Video Central Platinum is controlled via a macro which has been imbedded within the stored Diagrams.



2.39.2 Displaying Private Wall on a Separate Monitor

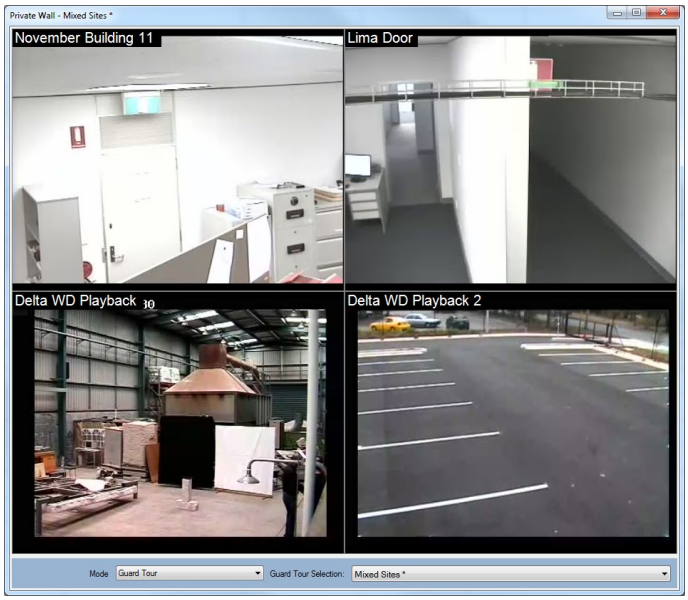
Private Wall can be set to display on a separate monitor by making it display as a screen and then using its title bar to move it.

To display Private Wall as a screen you can move and resize, double-click on the title for the Private Video Wall tab.



Private Wall will display as a screen. You can drag it by its title bar and resize it.

When Private Wall is closed it remembers its current setting so next time it is run it will open in the same place as it was shut down.



The Private Video Wall screen can be docked as a tab again by double-clicking on its title bar.

2.39.3 Private Wall Screen Colours

The Private Wall displays the status of its site connection and camera feeds by the colour of its screen or cameo when video is unable to be displayed in one or more screen cameos.

2.39.3.1 Private Video Wall screen is blank

If the Private Wall screen is blank (black) when Private Wall is launched the reason may be that:

- A large Default time has been set.
  When the default Guard Tour has been defined with a long Default time the screen will remain blank while that time counts down. You can see whether it is likely that a long default time for the default Guard Tour is causing a blank screen by selecting another Guard Tour. If another Guard Tour runs without

showing a blank screen, and the long delay is still observed when the selected Guard Tour has completed its last screen, the blank screen simply indicates that the Default time is being counted down and the default Guard Tour will display its first screen after the count-down has completed.

- A Default Guard Tour was not set
  When the **Private Wall** button is clicked, if the Private Video Wall screen is blank continuously none of the Guard Tours may have been set as the default. If that is the situation the screen will remain blank until a Guard Tour is manually selected to run.
  Click on the **Guard Tour** list and select a Guard Tour to view it.

2.39.3.2 Private Video Wall screen is Yellow

If a Private Wall screen cameo is yellow Private Wall cannot connect to the site defined to be used with that cameo. If the screen has been defined to display cameras from more than one site other cameos may connect to their site successfully and display their video feed normally.

2.39.3.3 Private Video Wall screen is Red

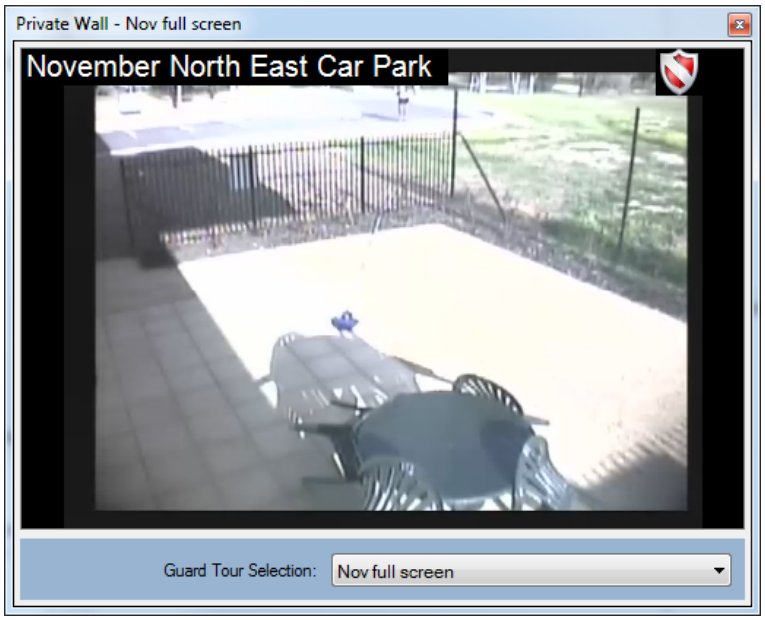
If a Private Wall screen cameo is red Private Wall has connected to the site defined to be used with that cameo but is unable to display a video feed because:

- The Private Wall operator does not have the correct access permissions required to view video feed from that site, or
- The camera for the cameo is unable to send a video feed.

2.39.4 Private Wall Protection Mode

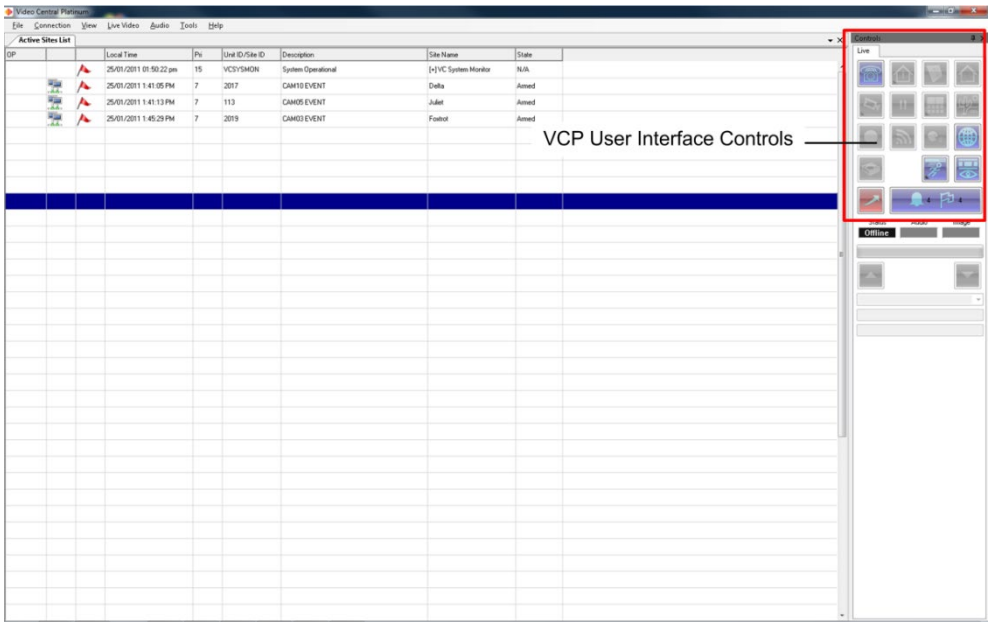
If the video update rate in a cameo begins to update the video once every 4 seconds, another operator may have set the video quality for its camera too high for the Private Wall cameo. In that case a shield icon will be displayed in the top right corner of the cameo to indicate that Private Wall is in Protection Mode for that cameo. Once the other operator drops control of the camera Private Wall will take control of its display quality again. It will drop out of protection mode, remove the shield icon from the cameo and display the video at its normal resolution and frame rate.

Note: Protection mode maybe entered permanently for IP Cameras if the lowest resolution the camera can be provided is higher than the maximum private wall quality set during setup.



2.40 Video Wall

Video Wall is controlled from the Video Central Platinum Video Wall Control Interface. From here the ADPRO XO, HeiTel, and legacy (FastTrace, FastVu, FastScan) sites are controlled. To enable the Video Wall Control follow the procedure described below.



The Controls panel is on the top right of the Video Central Platinum User Interface (VCP UI).

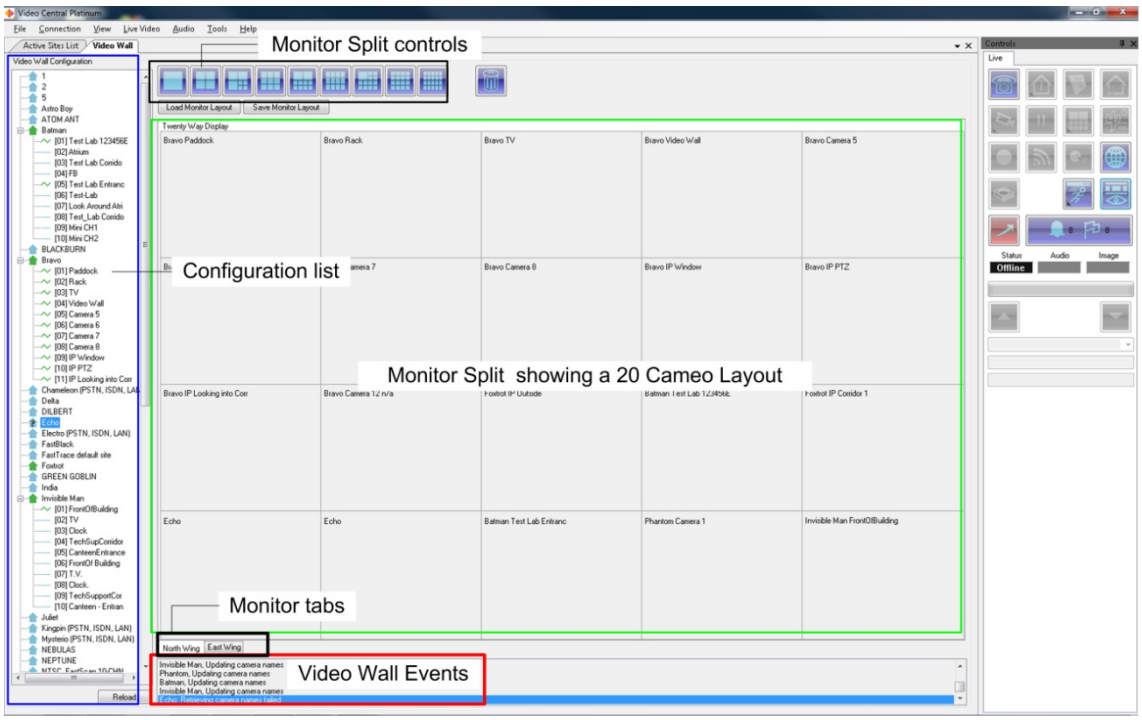
Click on the **Video Wall** button to open the Video Wall tab.

2.40.1 Video Wall Tab

The Video Wall control opens the Video Wall tab, which is used to configure the Video Wall (VW) monitor splits and the camera assigned to each cameo.

The Video Wall tab contains:

- The **Monitor Split**, which controls the layout, setting the available video splits in the layout below and ultimately on the Video Wall,
- The Video Wall **Configuration** list, showing all the sites for this Video Central system, their cameras, and states,
- The **Monitor** tabs, which allows you to select the monitor for which you want to access the monitor split and cameo layout, and
- The Video Wall **Events** list, typically used for fault finding.



2.40.2 Status

The Icon for each site will be blue until the Video Central Platinum User Interface is connected to it and one or more of its cameras is displayed on the Video Wall.

Blue Site = site details have not been retrieved yet

Blue Site + ? = Video Central Platinum User Interface is collecting the camera details from Video Central or connecting to the site

Blue **+** detail = site is connected, no cameras from this site are displayed on the Video Wall

Green **+** detail = site is connected, one or more cameras from this site are displayed on the Video Wall

Each camera's icon will be blue until the Video Central Platinum User Interface connects to it's site and the camera is displayed on the Video Wall.

Blue - = the camera is not displayed on the Video Wall

Green ~ = the camera is displayed on the Video Wall

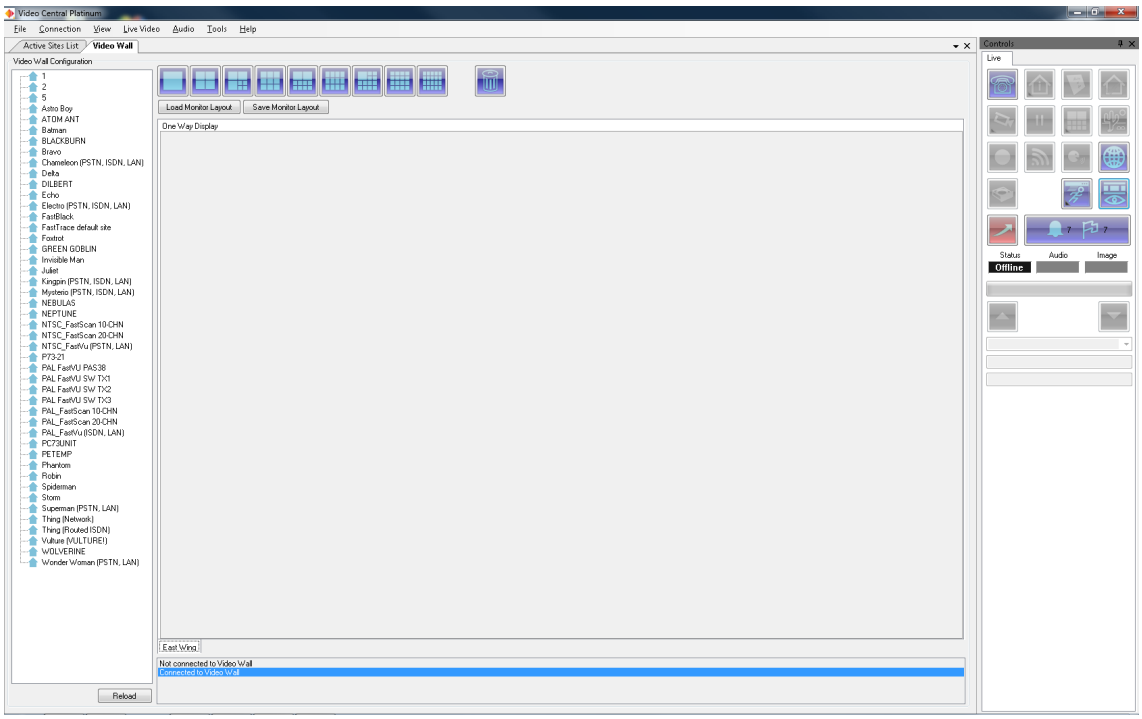
Each camera for a site is identified by its camera number and name.

[02] TV = camera label includes: [Camera Number] Camera Name

2.40.3 Initial state

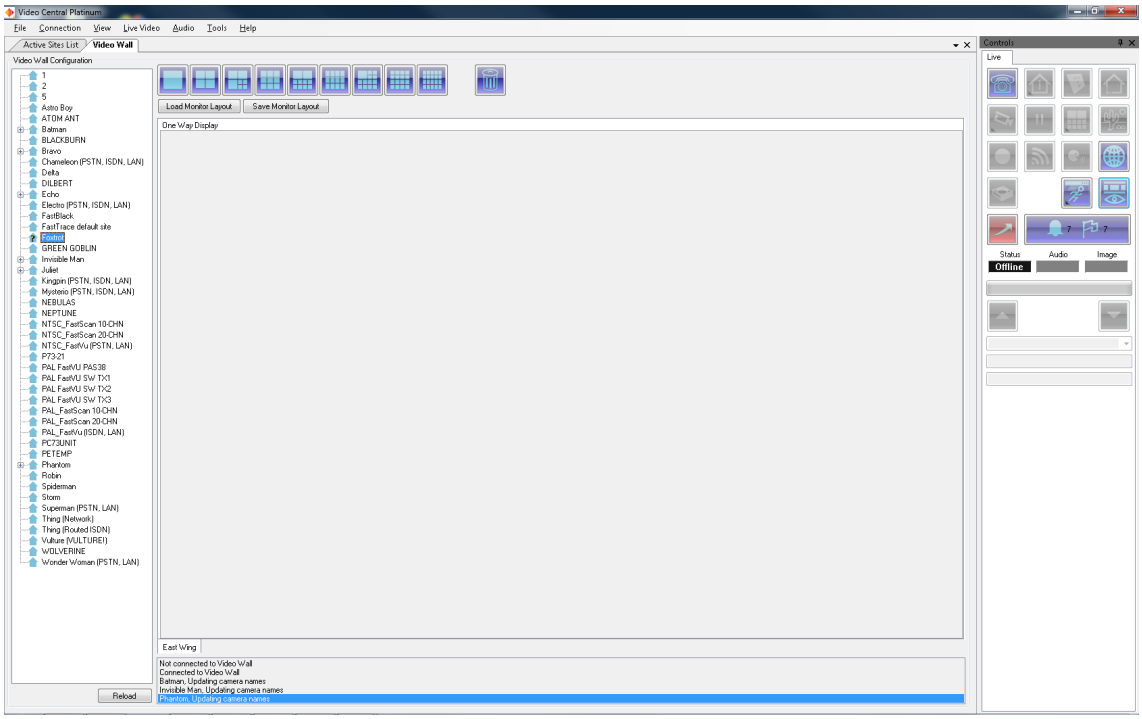
When it is opened for the first time Video Wall has not been configured. In the Video Wall tab the Video Wall Configuration list is displayed on the left with the 'One Way Display' for the first of its associated monitors.

As yet all of the active sites are displaying blue Site icons with no detail because Video Wall has not yet connected to the sites.



2.40.4 Configuring a Video Wall Monitor

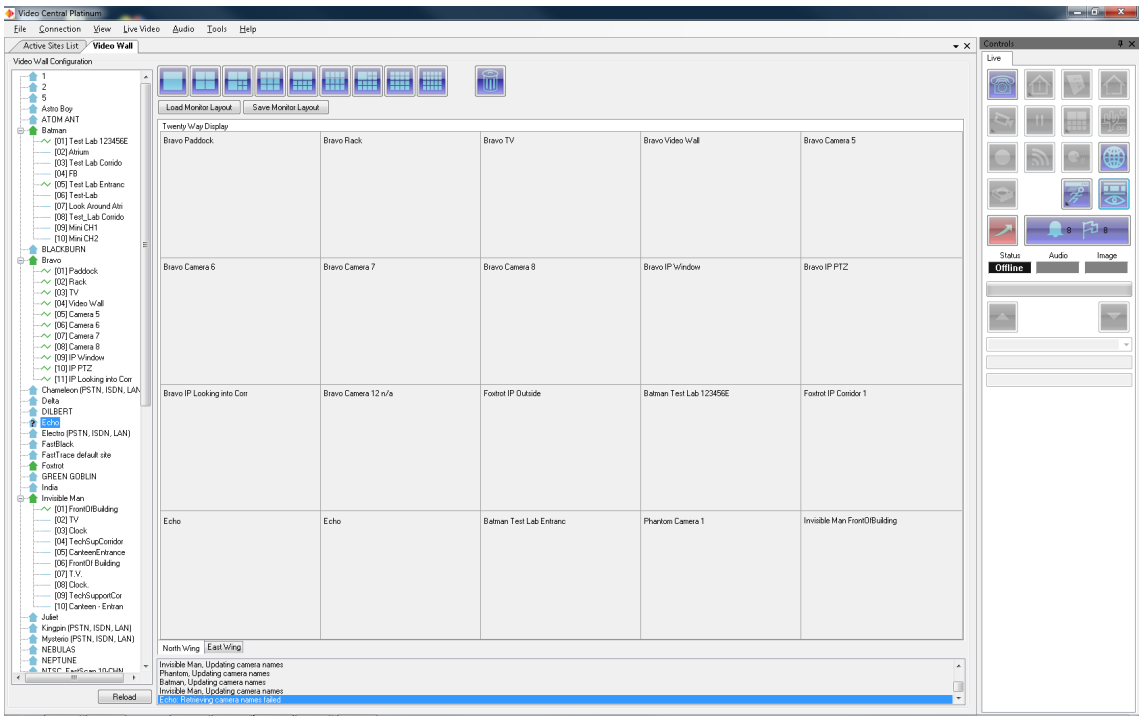
Double-click on a site to connect to it and retrieve its camera detail. The blue Site icon for the site will display **?** while it is connecting to the site and retrieving camera information .



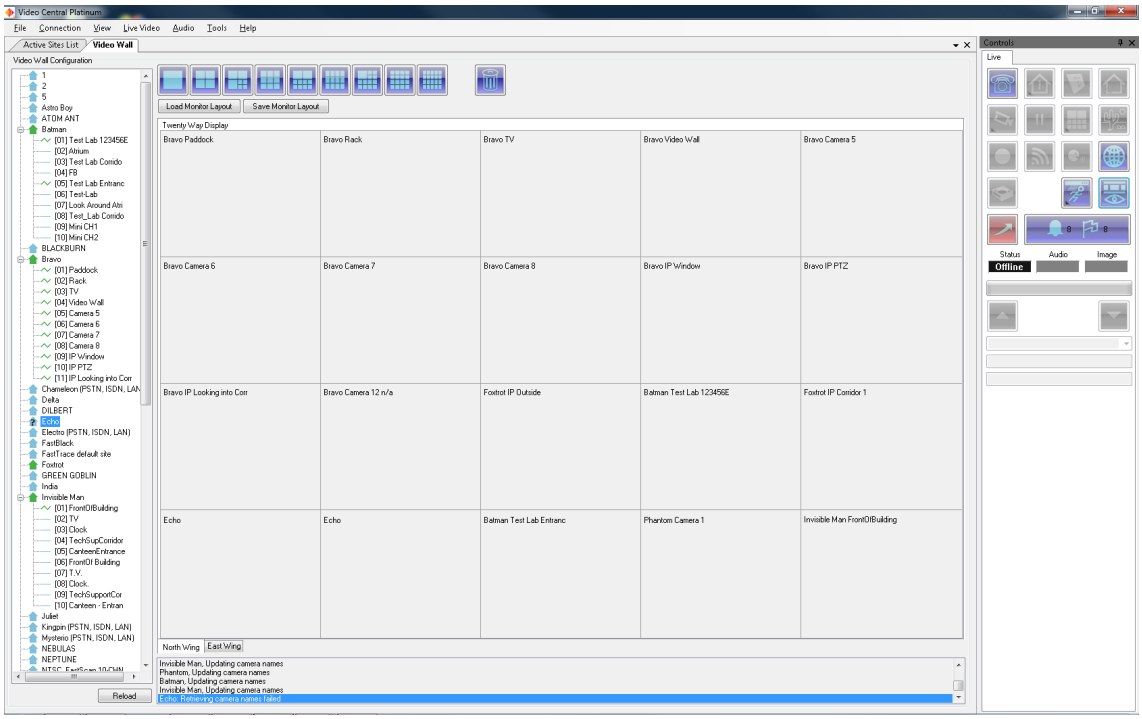
After the camera information for a site has been retrieved the Site icon will show that there is detail to view.

Click on the + to expand the detail, the list of cameras, for a site.

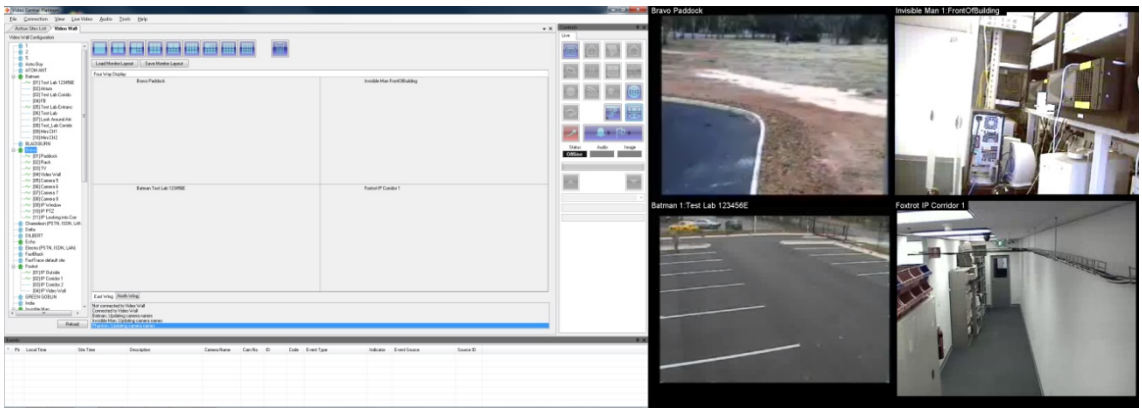
Click on a **Monitor Split** button to configure the active monitor with the number of cameos and layout you want.



Drag a ‘site’, or one or more cameras, to the cameos. After you have dropped a camera into position its camera icon will change to green and the Site icon for the site will also change to green .



After you have dropped cameras onto the active monitor, if you are able to see the Video Wall PC, you will notice that the cameras are displayed on the associated monitor in accordance with the monitor split and cameo layout in the Video Central Platinum User Interface Video Wall tab.



Click on the **Save Monitor Layout** button Save Monitor Layout to save the monitor layout.

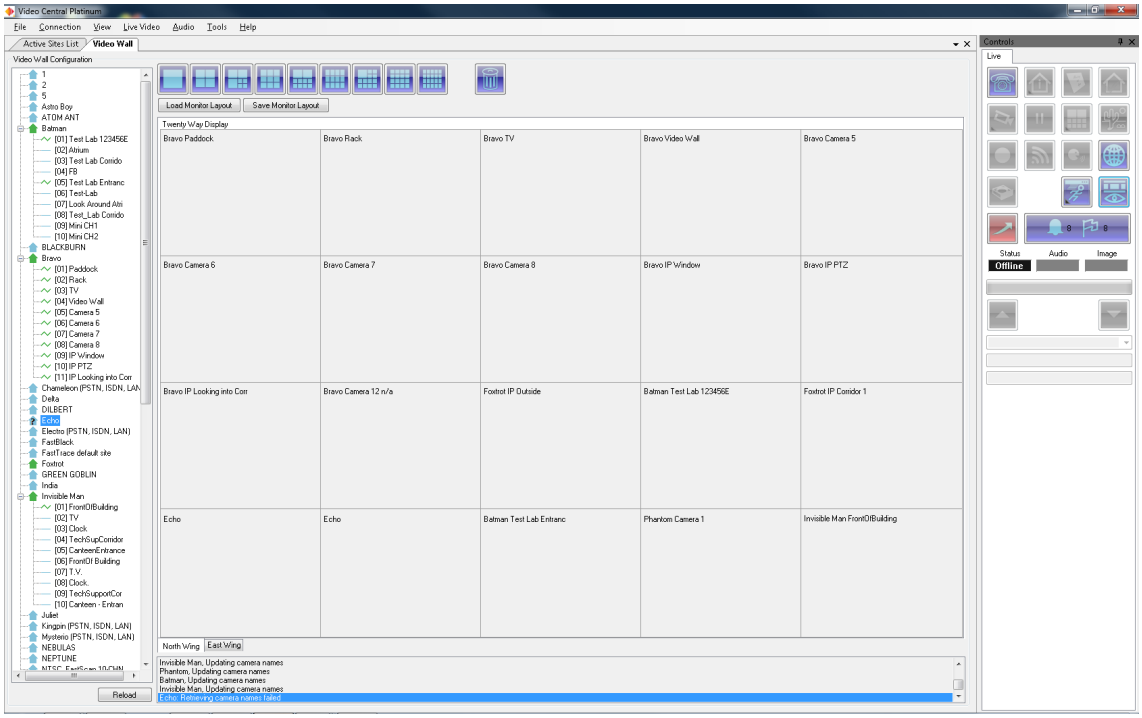
Click on another Monitor tab to set its configuration.

2.40.5 Connecting to the Site

Within the configuration list, double-click on a site to collect its camera detail from Video Central or connect to the site. While the camera information is being collected from the site its icon is blue and it will display the **?** to indicate its progress .

Once the connection has been made:

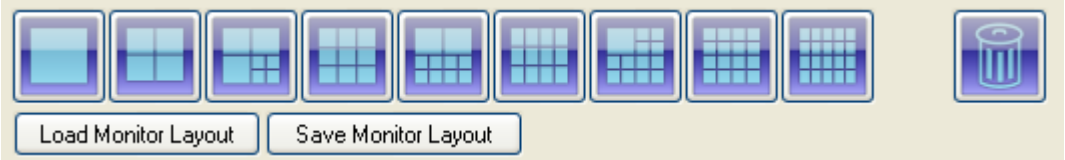
- expand the site detail, shown either as or , (by clicking on the +) to see its cameras;
- if one or more cameras associated with the site is being displayed on a Video Wall monitor the site icon will be green and the displayed camera(s) will also be green;
- if none of the cameras associated with the site are displayed on a Video Wall monitor the site icon will be blue and the listed camera(s) for that site will be blue.



2.40.6 Setting Splits

Each monitor associated with a Video Central Platinum Video Wall application server will have its tab displayed at the bottom of the monitor layout. When you click on one of these tabs the monitor's current split and cameo layout are displayed.

Click on one of the **Monitor Split** buttons to set the cameo layout for a monitor. The buttons provide for splits of 1, 4, 7, 10, 12, 13, 16, and 20 cameos.

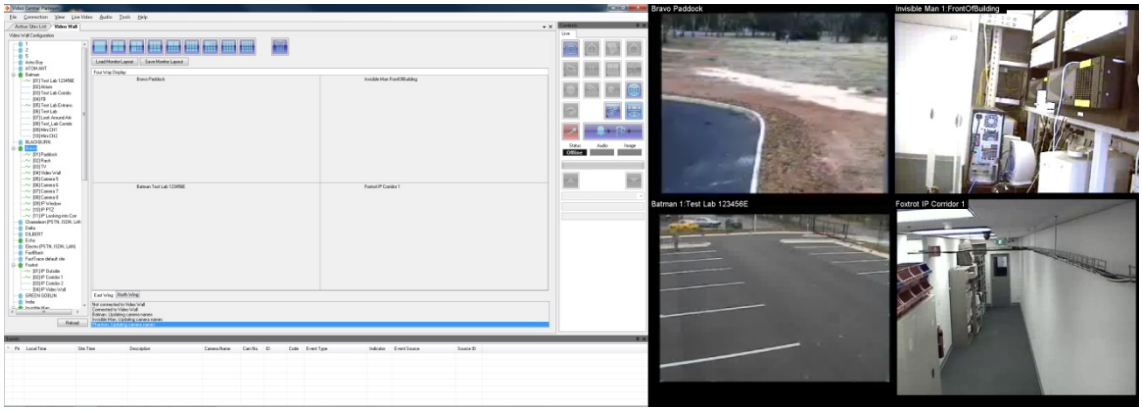


2.40.7 Populating a Monitor

After setting the monitor split you can populate the cameo positions with cameras by:

- dragging a site to the monitor; its cameras will fill the monitor's remaining cameos from left to right and top to bottom.
- dragging a camera from a site list to a cameo position; the camera will replace the cameo at that position.

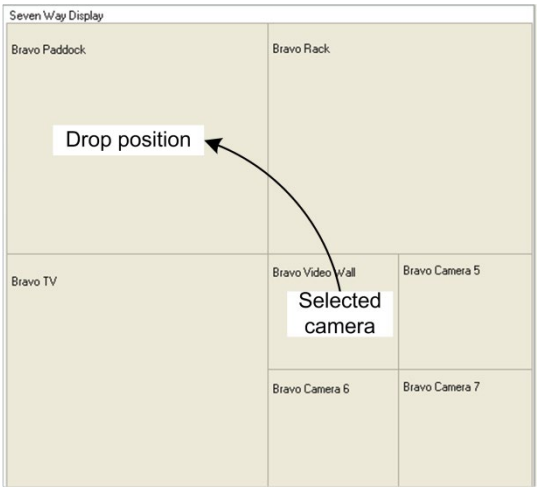
The Video Wall monitor will display the cameras with the green camera symbol according to the monitor cameo layout.



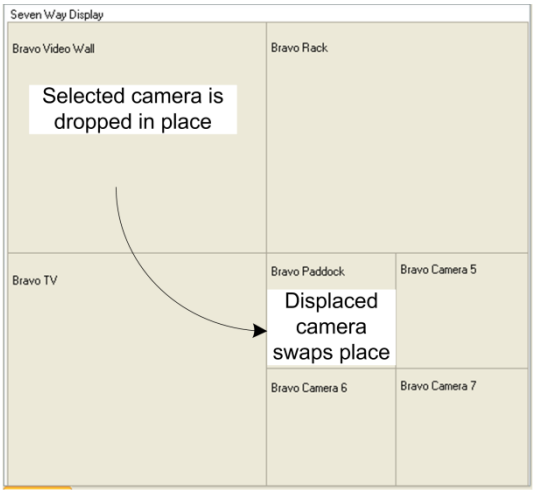
2.40.8 Swapping Camera Positions

To swap the position of two cameras on a monitor:

Drag a camera from a selected position on a monitor to the drop position;



When you drop the selected camera it will swap position with the displaced camera.



2.40.9 Removing a Camera from the Video Wall

Cameras can be dragged to the Garbage bin to remove them from the Video Wall.

2.40.10 Video Wall Image Status

The image displayed in the cameo on the Video Wall monitor changes colour to indicate changes in a camera's connection to a cameo in the Video Wall application:

ADPRO XO and HeiTel Sites

- Live video - Cameras connected, normal operation
- Yellow - the Video Wall application is connecting to the camera
- Red - the camera cannot connect to the Video Wall application, typically due to physical connection issues
- Black with no video - Faulty camera, no video state

Legacy Sites

- Red Border - While cameras are being accessed by an operator (for example during an alarm), a reduced (size) static cameo is displayed. The last frame from the video is displayed, highlighted with a red border.
- Grey/Green Background - the background colour is displayed while images are being loaded from a site.
- Red Background - Unable to retrieve video from site (90 seconds has elapsed)
- Yellow Background - Site has been disconnected (9 minutes has elapsed)
- Blue Background - Faulty camera, no video state

2.40.11 Protection Mode

Protection Mode displays video in I-Frame mode, where it updates the video once every 4 seconds, when it needs to protect Video Wall from overloading the system by displaying video at too high a resolution.[1] A shield icon appears in the top right corner of the cameo when Protection Mode is in operation.

Video Central Platinum uses a series of rules to manage the video quality for each cameo displaying video from a camera, regardless of the site the camera is associated with.

Rule 1 protects the CPU from being overloaded. The quality of the images displayed in Video Wall cameos are determined by an algorithm that calculates whether an image resolution, for example 4CIF, can actually fit within the cameo, based upon the video card resolution settings and the dimensions of the cameo in play.

[1] The available image resolutions are: 4CIF(704 x 576 pixels), 2CIF(702 x 288 pixels), CIF(352 x 288 pixels) and QCIF(176 x 144 pixels).

If it can fit then the respective resolution will be displayed. If the image resolution does not fit then the algorithm will display the largest available image resolution that can fit.

Rule 2 protects the Network connection from being overloaded. The slider in the VW setup determines the max quality that can be displayed to be either 4CIF, CIF or QCIF. This is required for cases where insufficient communications bandwidth is available.

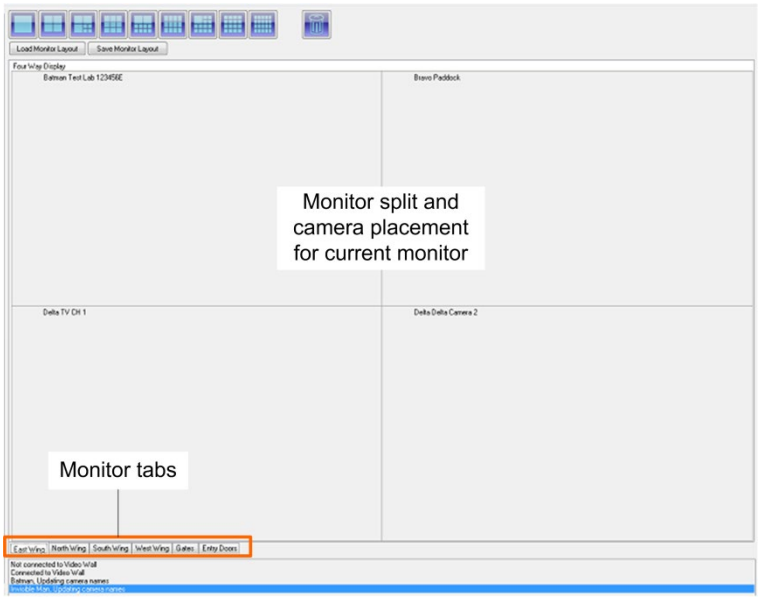
Rule 3 uses a feature of Fast Trace 2 (FT2) to protect the CPU from being overloaded. When an operator connects to the FT2 and takes control of the FT2 video stream, by connecting to the camera from the VCP User Interface as an example, they may set a higher quality that can fit into the Video Wall cameo. In this case protection mode is entered. In Protection Mode the resolution the operator requested is maintained, however the picture update rate drops to I-Frame mode where it updates the video once every 4 seconds and a shield icon is displayed in the top right hand side of the cameo. Once the operator drops control of the camera, by disconnecting from the camera in the VCP User Interface for this example, Video Wall will take control again and drop out of protection mode.

Note: Protection mode maybe entered permanently for IP Cameras if the lowest resolution the camera can be provided is higher than the maximum video wall quality set during setup.



2.40.12 Switching between Monitors

The Monitor tabs are located below the monitor layout display.



When you select a Monitor tab the monitor's current monitor split and camera placement are displayed above the tab. As the monitor is selected control switches to the respective monitor.

2.40.13 Saving and Loading Configurations

Monitor split and camera placement can be saved as a monitor configuration for later re-use. The configuration specifies the cameras to display, which can be from any of the available sites, and their placement on the monitor. Saved configurations make it easy to swap from one configuration to another as circumstances change.

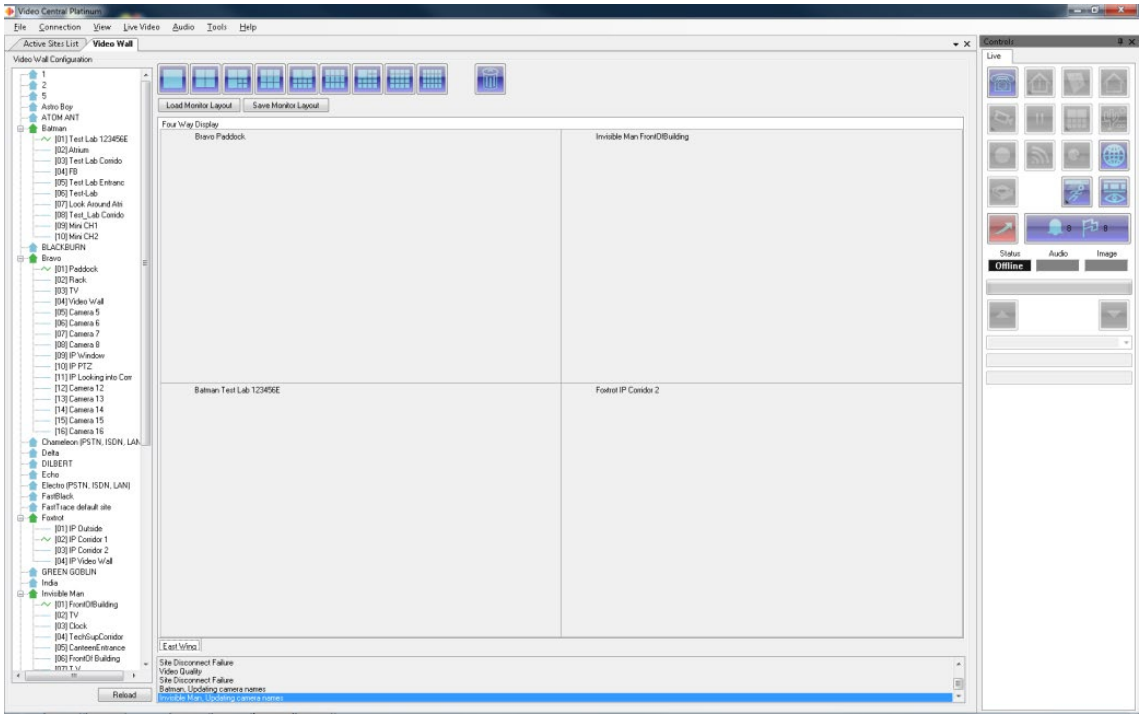
To save a monitor layout select the desired split and allocate cameras to cameos then click on the **Save Monitor Layout** button Save Monitor Layout and set both the location and file name from the Save Monitor Layout window. It is suggested that you use a file name that describes the purpose for the layout.

To retrieve a monitor layout click on the **Load Monitor Layout** button Load Monitor Layout. Select the configuration location and file name from the Load Monitor Layout window.

2.40.14 Switching between VCP UI and Video Wall Control

The operator may switch between the Video Central Platinum User Interface while either displaying the Active Sites List or Site View Mode and the Video Wall Control. Selecting the Active Site List or Video Wall Tab towards the top of the Video Central Platinum User Interface performs this.

Video Wall Control



Video Central Platinum User Interface in Site View Mode

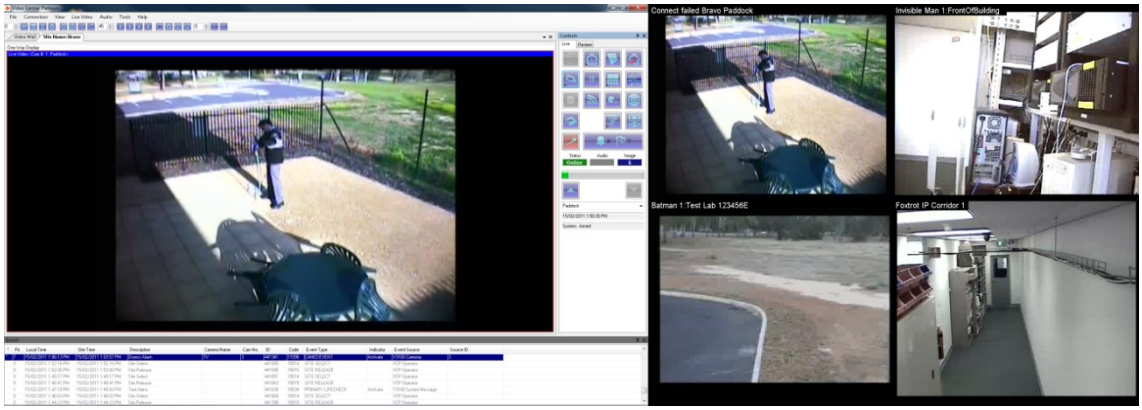


2.40.15 Viewing Sites on both the Video Wall and VCP UI

Live video can be viewed on both the Video Central Platinum User Interface and the Video Wall.

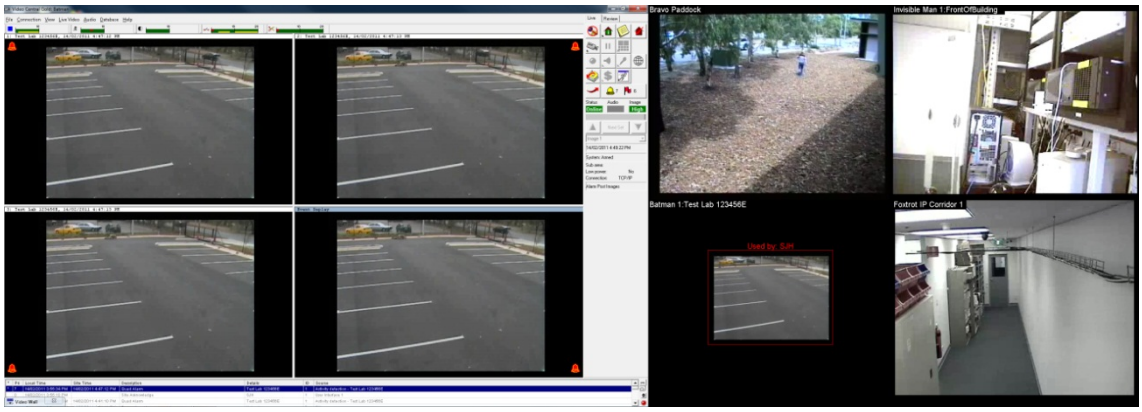
2.40.15.1 ADPRO XO and HeiTel Sites

Live video can be viewed in Site View Mode within the Video Central Platinum User Interface (left Image) and on the Video Wall (right image) simultaneously.



2.40.15.2 Legacy Sites

When a legacy site (FastTrace, FastVu, and FastScan) is selected from the Active Sites List (ASL) to be displayed in Site View Mode (left Image) all cameras related to the site will be displayed on the Video Wall as a static image with a red border. As soon as the site is released back to the ASL live video will automatically return to the Video Wall (right image).



2.41 Managing Review Mode

Review mode allows video and event information, stored on the ADPRO XO or HeiTel device, to be retrieved from the site to which Video Central Platinum is connected and displayed for review of historic events.

To switch to Review Mode, click the **Review** tab in the Controls area. The Controls area will change to display the icons, options, and commands that apply related to Review mode and control reviewing functions.

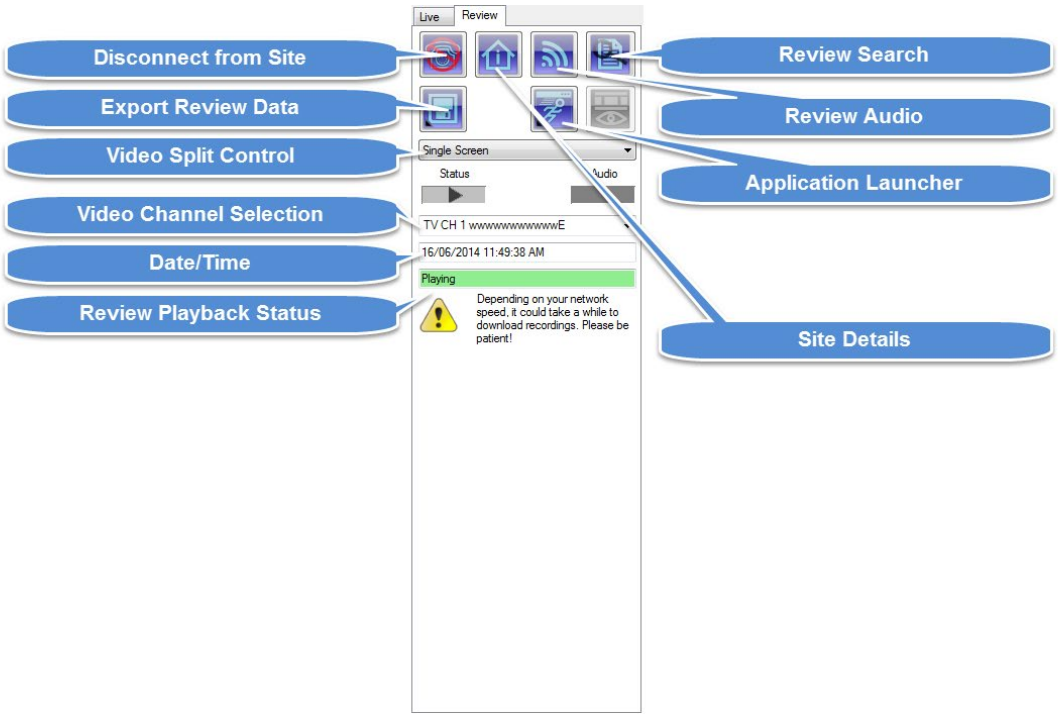
When entering Review Mode from Live Mode, Video Central Platinum will automatically perform a Time / date based search of Camera 1 for the past two hours.

2.41.1 Review Mode Display and Controls

The upper area in Review Mode allows the Operator to:

- search for and select cameras and events to be reviewed
- enable recorded audio
- launch applications

- select multi way display configurations
- select cameras for display
- save data
- view Site Details.



2.41.1.1 Review Mode Application Launcher

Click the **Application Launcher** . Refer to Section 2.28, Launching Applications.

2.41.1.2 Review Mode Site Details

To view Site Details, click **Site Actions** then refer to Section 2.17, Viewing Site Details.

2.41.1.3 Review Mode Site Audio

To listen to any audio recorded from the relevant channel by the ADPRO XO or HeiTel site, click **Site Audio** .

2.41.1.4 Review Mode Disconnect

To exit Review Mode and return to the Active Sites List, click **Disconnect** .

2.41.1.5 Saving Data

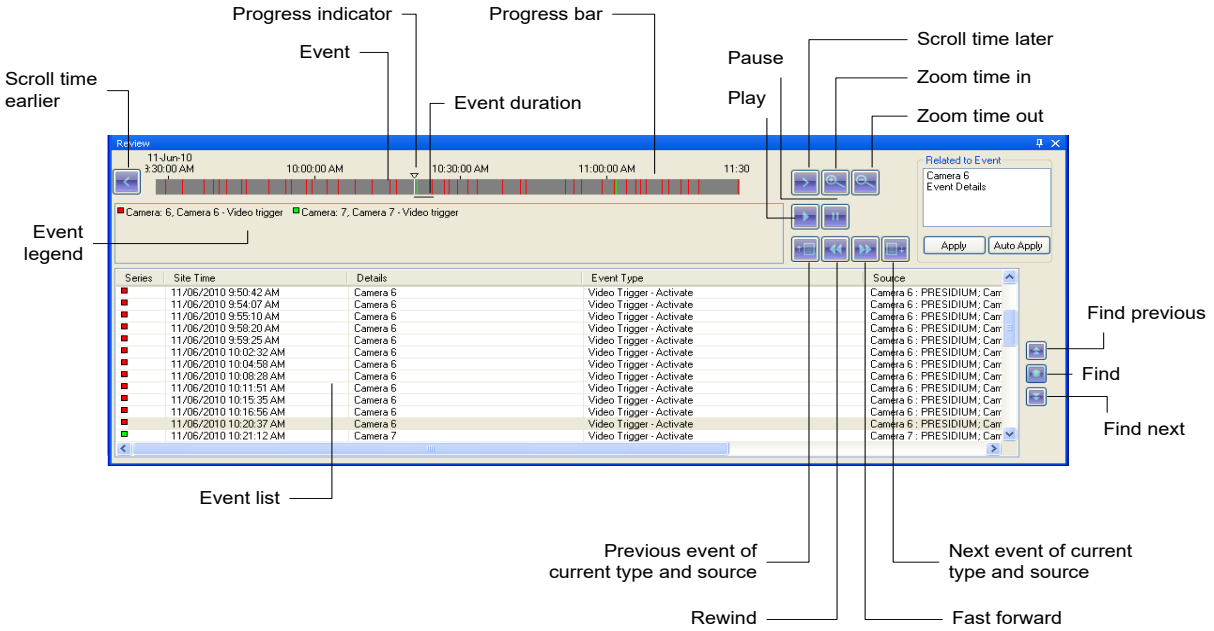
To save event details in the Event List, click **Save Data** .

2.41.2 Review Mode Progress and Event Details

The lower panel of the display allows the Operator to:

- select the time period for review
- replay an image stream
- control the replay direction, speed and step increments

- view progress of the review
- view the duration of the event that is currently being reviewed
- display related events
- move the Progress Indicator marker to a new location within selected time period.



2.41.3 Searching for Events

Click **Perform a Search** and the Search dialog will be displayed. In the Search dialog select the start and end dates and times for the review period by selecting the relevant fields then using the spin wheels.

Searches can be conducted in Review mode to find all events related to Cameras, Presidium Video Motion Events (if Presidium products are in use and connected to the ADPRO XO device), Alarm Inputs (NETIO or USBIO), and on Post Activity movements detected by the ADPRO XO device in an Operator-selectable area of an image.

2.41.3.1 Event List

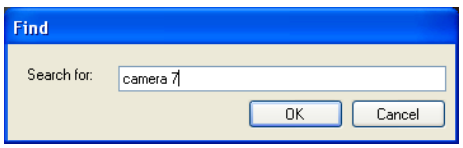
When events have been found they are displayed in the Event List and related images can be replayed for review.

To review video related to an event, select the event in the Event List. The Progress Indicator will automatically move to the event location on the Progress Bar and start the related video replay.

2.41.3.2 Finding an Event

To find any events related to a particular device, click **Find** to display the Find box. Enter the text to search for and click **OK**.

In the following example, Camera 7 has been entered in the Find box.



After clicking OK the first event related to Camera 7 is highlighted in the Event list and the Related to Event box displays ‘Camera 7 Event details’.

To move to the next occurrence of the same type of event, click **Find Next** . The selection will move down to the next event related to Camera 7.

To move back to the immediately previous occurrence of the same type of event, click **Find Previous** and the selection will move back up the list to the immediately previous occurrence of an event related to Camera 7.

If there are no previous or subsequent occurrences, the event that was found in the initial search will remain selected.

2.41.3.3 Progress Bar

The Progress Bar covers the time period between the selected start and end dates and times. Vertical lines on the bar indicate events related to the selected camera or input that occurred during the time period.

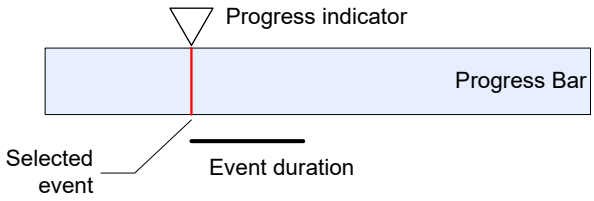
The colours of these vertical lines match the colours of device identifiers in the Event Legend. In the example above, Camera 6 is red and Camera 7 is green. These also correspond with camera colours shown in the Series column of the Event List.

2.41.3.4 Progress Indicator

The small triangle above the Progress Bar shows the site time of the images being displayed. The indicator can be dragged using the mouse to another time location within the Progress Bar. The video playback will automatically start from the new time location.

2.41.3.5 Event Duration

The Event Duration is a horizontal black line below the Progress Bar which begins at the selected event and shows the time duration of the related event.



2.41.3.6 Play and Pause

To begin replay click **Play** and after a few seconds the video will start to play automatically.

Click **Pause** to stop play and freeze the image. Click **Play** to resume.

2.41.3.7 Fast Forward and Rewind

Click **Fast Forward** to increase forward speed in 2 times increments to a maximum of 10 times normal speed.

Click **Rewind** to rewind at a set rate.

2.41.3.8 Scroll Time Earlier and Later

Clicking **Scroll Time Earlier** will step the selected review interval back by 20% of the overall time period. This means that if an hour's video, from 2-00 pm to 3-00 pm, is being reviewed, clicking **Scroll Time Earlier** will step back 12 minutes. The review will now start at 1-48 pm and end at 2-48 pm.

Similarly, clicking **Scroll Time Later** will step the selected review interval forward by 20% of the overall time period.

The time markers above the Progress Bar will adjust to reflect these changes.

2.41.3.9 Zoom Time In and Out

Clicking **Zoom Time In** will halve the overall time period. This means that if a 30-minute period was selected, clicking **Zoom Time** In will reduce this to 15 minutes, thereby doubling the resolution of the Progress Bar.

Clicking **Zoom Time Out** will double the overall time period.

Zoom Time In can be reduced to a minimum time period of three minutes.

Zoom Time Out can be increased to a maximum time period of two weeks.

2.41.3.10 Previous Event and Next Event

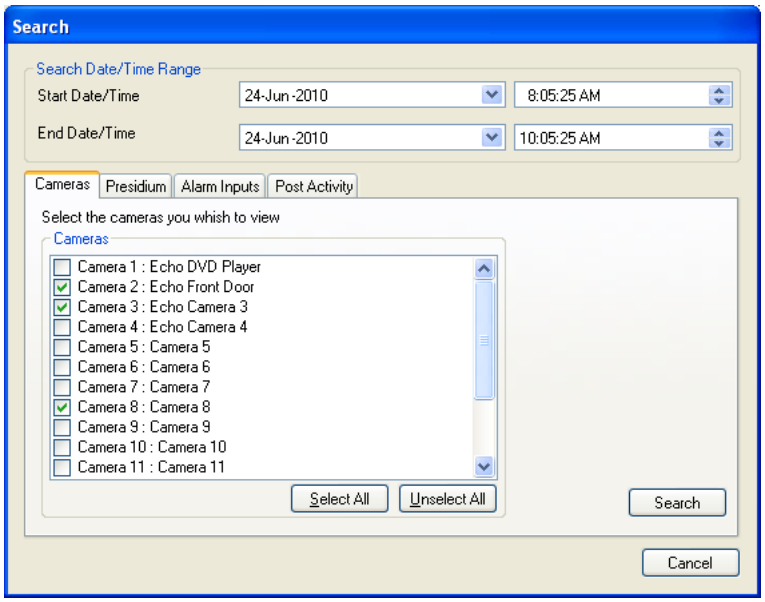
When an event is selected in the Event List, clicking **Previous Event of Current Type and Source** will automatically select the immediately previous event related to the same device. For example if an event related to Camera 4 was selected, clicking **Previous** will step to the immediately previous event related to Camera 4, if one exists.

Similarly clicking **Next Event of Current Type and Source** will automatically select the next event related to the same device.

2.41.4 Searching for Events Related to Cameras

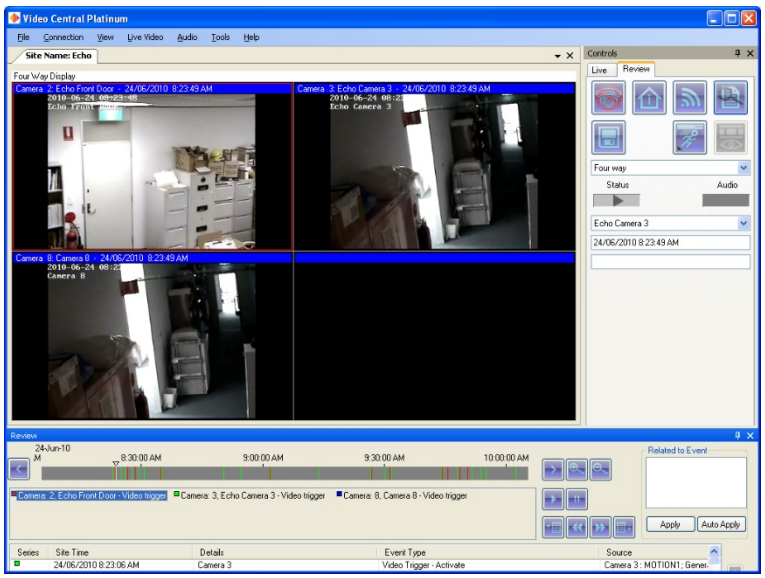
Click the **Cameras** tab and check the boxes of cameras to be searched. Set the Start Date/Time and End Date/Time.

Click **Search** and any camera images and events included in the search criteria will be displayed.



The names of cameras selected will be listed in the Event Legend and events detailed within the Progress Bar and Event List.

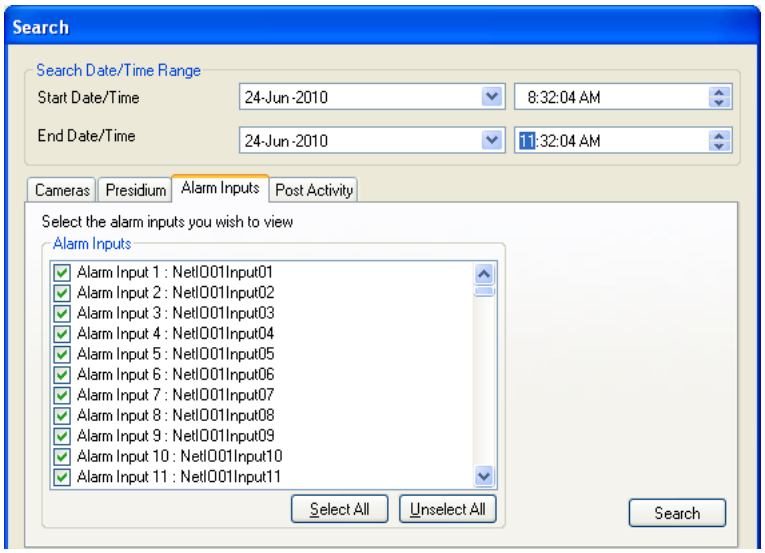
The appropriate multi way screen configuration will automatically be selected by Video Central Platinum and populated with the selected video channels.



2.41.5 Searching for Events Related to Alarm Inputs

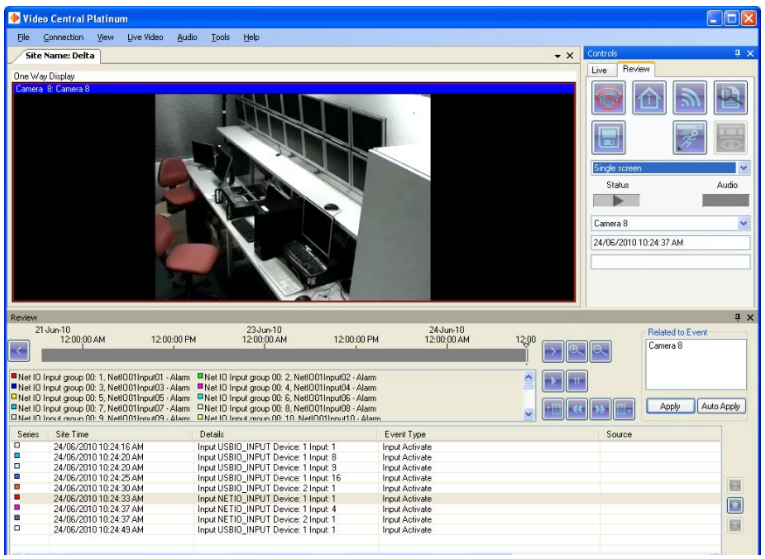
These are events triggered by alarm inputs from switched devices such as USBIO and NETIO.

Click the **Alarm Inputs** tab, select the Alarm Inputs to be searched then select the required Time/Date period. To begin click **Search**.



The names of alarm inputs selected will be listed in the Event Legend and events detailed within the Progress Bar and Event List.

The appropriate multi way screen configuration will automatically be selected by Video Central Platinum and populated with the selected video channels.



2.41.6 Searching for Events Related to Presidium

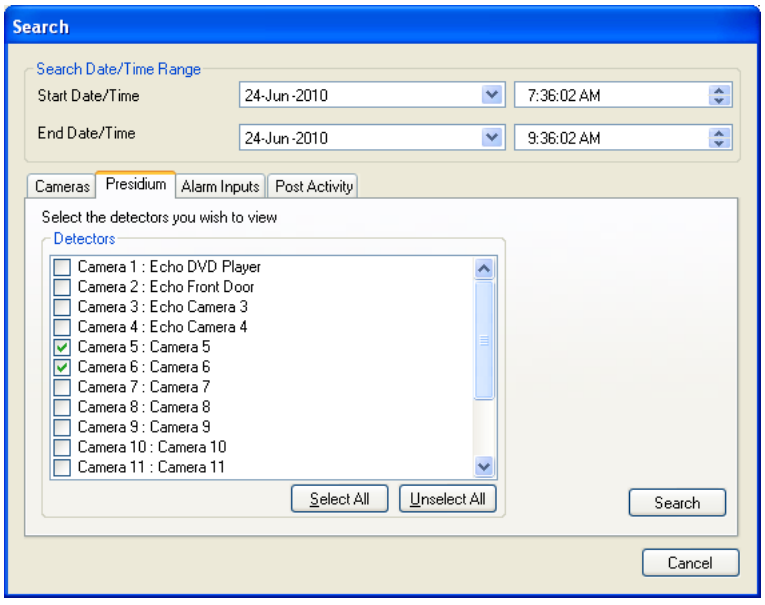
These are events triggered by the Presidium Video Motion Detection product and are sent to the ADPRO XO device over an Ethernet connection.

Click the **Presidium** tab and check the boxes of detectors to be searched then select the required Time/Date period. To begin, click **Search**.

The names of Presidium Inputs selected will be listed in the Event Legend and events detailed within the Progress Bar and Event List.

The appropriate multi way screen configuration will automatically be selected by Video Central Platinum and populated with the selected video channels.

Note: For a Presidium search to be applicable, a Presidium product must be in use and connected to the ADPRO XO device.



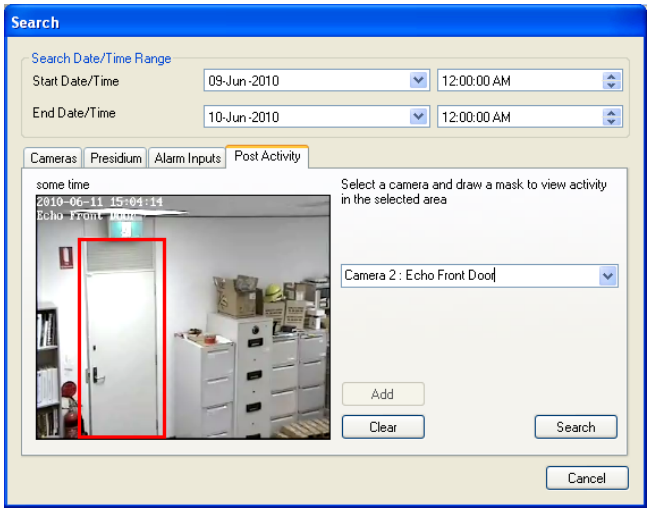
2.41.7 Searching for Events Related to Post Activity

The Post Activity feature returns events that have occurred within a marked area. The Operator can mark an area of the image such as the doorway in the example shown below. If any activity has occurred during the selected period, the events will be displayed in the Event List.

Click the **Post Activity** tab and select the camera to be viewed by selecting from the drop down list. The live image will be displayed with a red outline superimposed.

Resize and reposition the mask by dragging with the mouse so it outlines the area of interest such as the door in the example below.

Select the required Time/Date period then click **Search**.

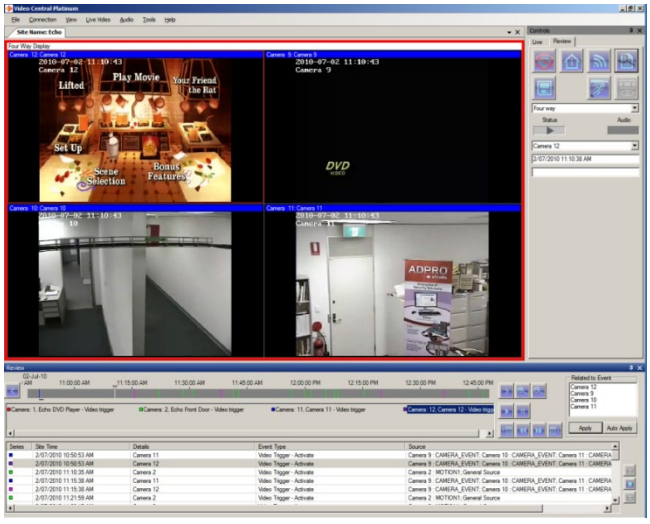


2.41.8 Related to Event Control

When Auto Apply is off and events are selected from the Event List, the operator may manually change cameras and splits as required.

If the operator clicks **Apply**, the cameras in the Related to Event control will be automatically displayed with the appropriate split applied. Each time a new event is selected, the operator must click **Apply** again to apply this function. This enables the previous settings to be retained.

If the operator clicks **Auto Apply**, the function will be toggled on. Each time a new event is selected, the cameras in the Related to Event control will be automatically displayed with the appropriate split applied. This enables the cameras and correct split to be automatically applied as the operator selects through events in the event list.



2.41.9 Controlling Video View

In Review Mode the video display may be in single screen or split screen, multiple view, format. When a search is conducted in which images from several cameras will be displayed, Video Central Platinum will automatically split to screen to suit the number of cameras involved.

The Operator may manually select the screen configuration from the drop down list in the Controls Area as shown below.



2.41.9.1 Choosing Camera to View

In a multi-screen configuration, the camera image displayed in each cameo can be selected.

Click on a cameo, a red outline will enclose the selected image and the camera number will be displayed in the Select Camera Number box.

In the example below, the cameo displaying Camera 3 images is outlined and ‘Delta Camera 3’ is shown as the selected camera.

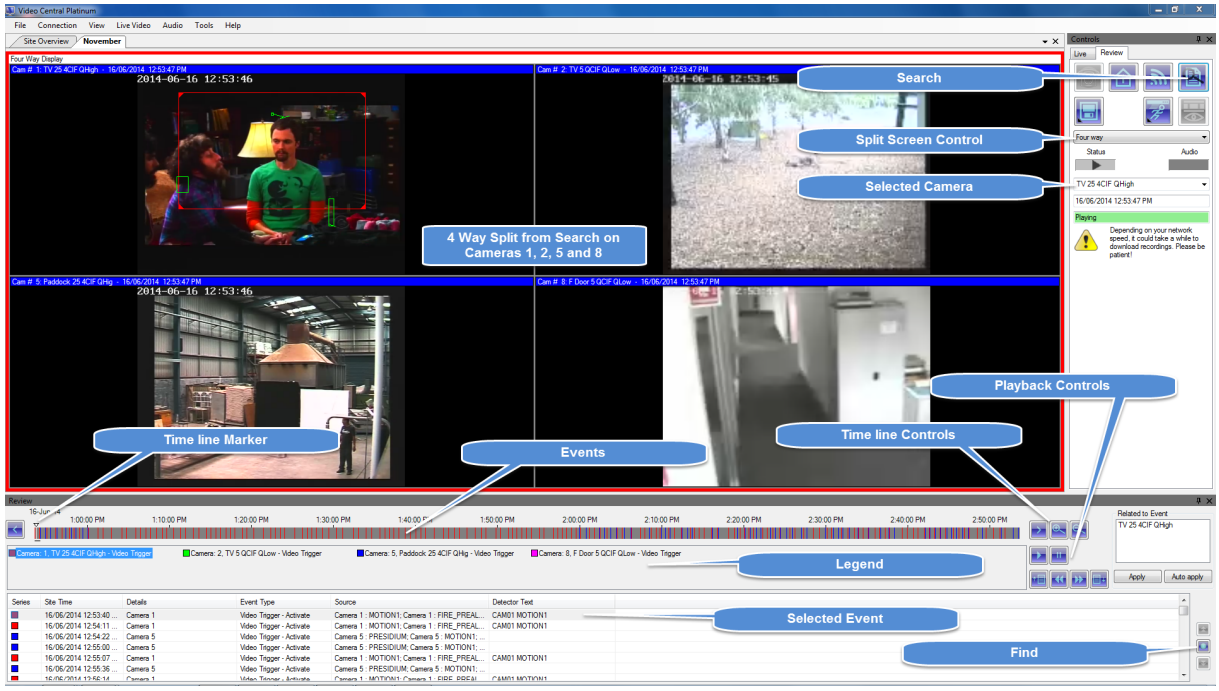
To select the camera to be displayed in each cameo, select a cameo then choose the camera required from the drop down list of the Select Camera Number box.

Alternatively right click within the cameo to display the available camera list.

2.41.9.2 Changing from Split to Single Screen

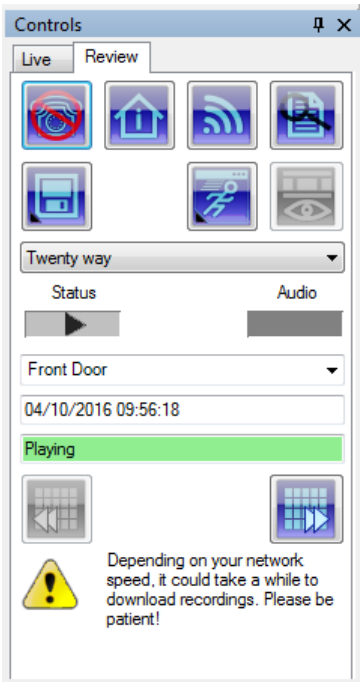
Double click a cameo in a multi-screen configuration to display the image in single screen format. Double click the image to return to the previous multi-screen format.

In the example below this will toggle between four way and single screen views.



2.41.9.3 Reviewing More than 20 Cameras

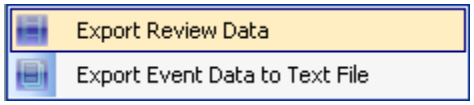
When selecting a **Twenty way** split from the list, two extra buttons become available below the status bar on the Review Controls panel:



The button on the left selects cameras 1 to 20. The button on the right selects the cameras 21 to 32.

2.41.10 Saving Reviewed Data or Events

In Review Mode the operator may Export segments of any video or events that have been selected for review. Click the **Save Data menu** button, revealing the *Export Review Data* and *Export Event Data* menu options.

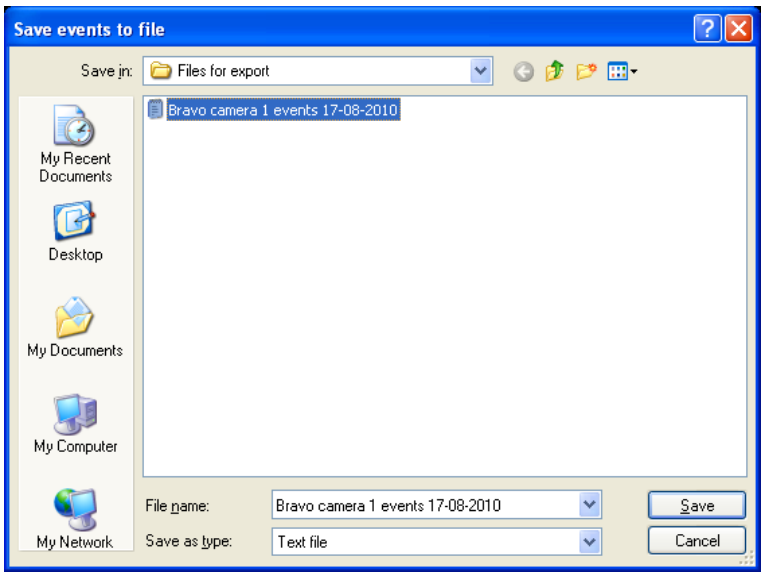


2.41.10.1 Exporting Event Data

Select the *Export Event Data* menu item. The Save Events to File dialog will be displayed.

This dialog allows the operator to save the Review Events in a text file and the location for storage.

Select a location from the Save In drop down list, and enter a file name, or select an existing file from the drop down list, then click **Save**.



2.41.10.2 Exporting Review Data

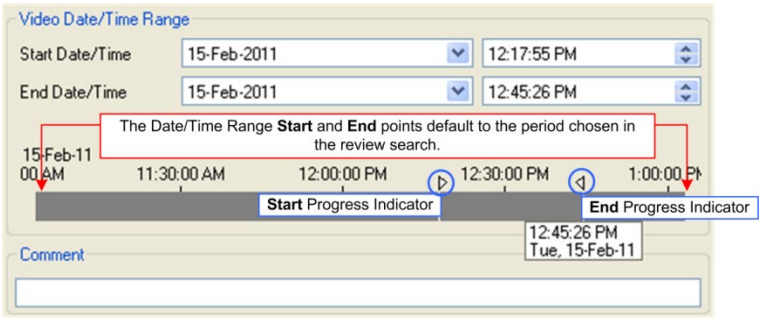
Select the *Export Review Data* menu item. The Save to Database dialog will be displayed.

This dialog allows the operator to select the cameras and date/time period for which video, audio and events are to be saved, if present, and the location for storage. The operator can add a note or description in the Comment box.

Check the camera or cameras from which recorded video is to be saved. (You may use the **Select All** button to select all connected cameras or Unselect All to deselect all cameras that have been already chosen.)

The Date/Time Range start and end points will default to the period chosen when the review search was performed.

To select a different date and time period for the video to be saved, drag the start and end progress indicators along the Progress Bar. The start and end Date/Time boxes will change accordingly.

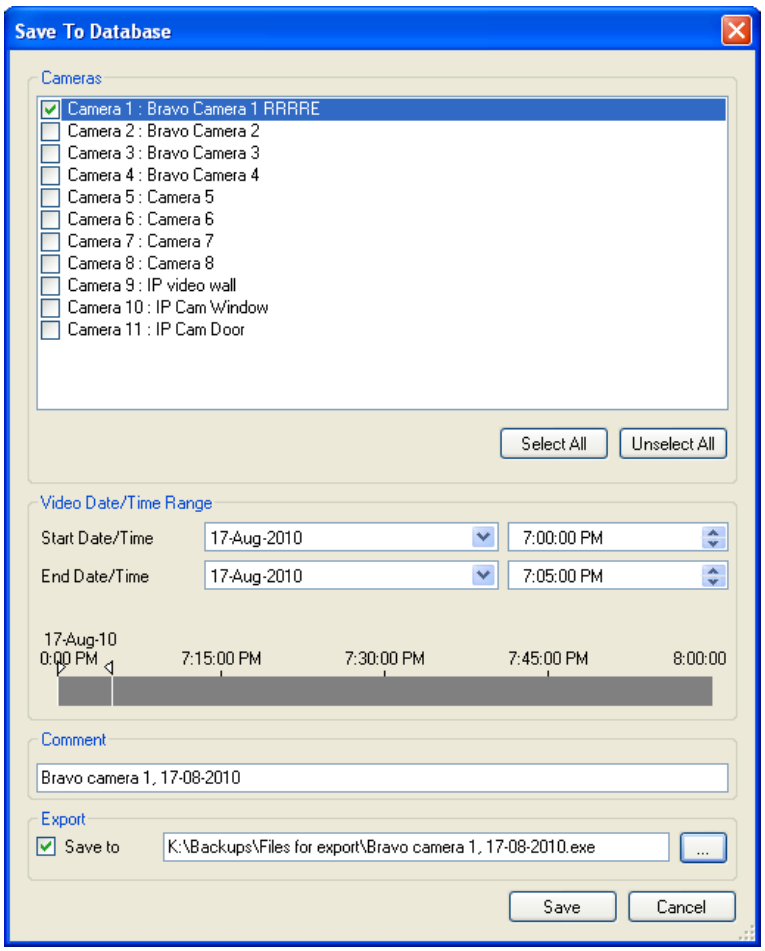


These can be more precisely adjusted by selecting individual date and time boxes and incrementing or decrementing using the spin wheels or entering new dates and times.

Enter a comment describing the saved video, or the purpose it was saved for.

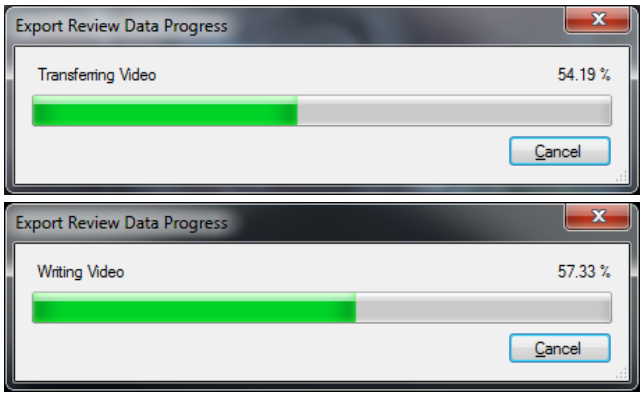
To select a location and file name for export, check the Export Save To box, then click the **Browse** button ... and navigate to the relevant folder.

If the box is not checked the file will be saved to
\My Documents\VCP_Secure_Viewer_<Date/Time>.exe



Once the desired location has been selected, enter a file name, and select Save to return to the Save to Database dialog.

Click **Save** and after a few seconds the Export Review and Data Progress bar will be displayed. When export is complete the data can be found in the selected location.



2.41.10.3 Replaying Review Data

The operator or a third party can replay a saved review data file to view video, listen to site audio, read comments, and save images using any Windows-based computer without the need for Video Central Platinum.

Transfer by copying from the storage location and loading to any other Windows-based computer.

To open, double click the saved data file, which will play automatically.

For a full explanation of replaying stored data, refer to the *Video Central Platinum Secure Viewer User Manual* (19364).

2.42 Video Central Platinum Database Search

Search allows the Operator to search the Video Central Platinum Database for events according to a specific site and parameters.

When combined with the Operator Actions Audit Trail, described in section 2.28.7 Generating an Operator Actions Audit Trail Report, The Event Search and Search (via report) provide an audited view of the operator actions and event videos.

2.42.1 Event Search

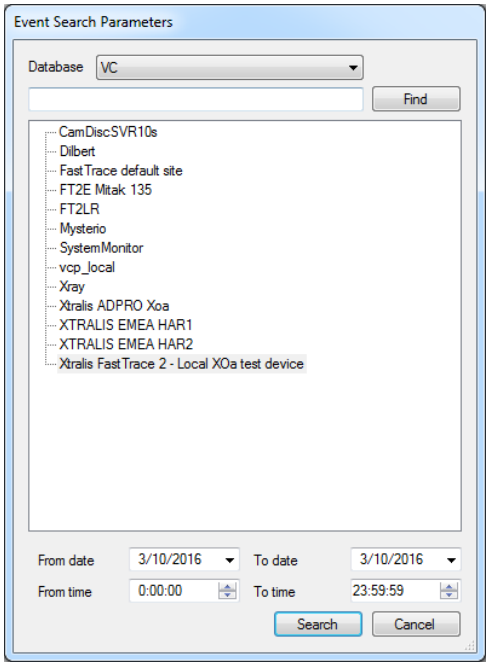
The Event Search provides the search interface for Video Central Platinum databases.

Access Event Search via Tools > Event Search and the Event Search Parameters dialog will be displayed with the site that was last searched highlighted.

2.42.1.1 Site and Time / Date Filter

The Database field allows to select a database, either the main VCP database “VC”, or an archive database. The list with databases contains any archive databases that were attached using the VCP User Interface. For details on how to attach archive databases, refer to the *Video Central Platinum Database and Maintenance Manual* (19118).

To select a site from a large site list you can enter the site name in the text box and click **Find**.



Enter the date and time range to search and click the **Search** button. For ADPRO XO sites, when you click on the **Search** button the Event Search window for that device will open, displaying the events for the date and time selected.

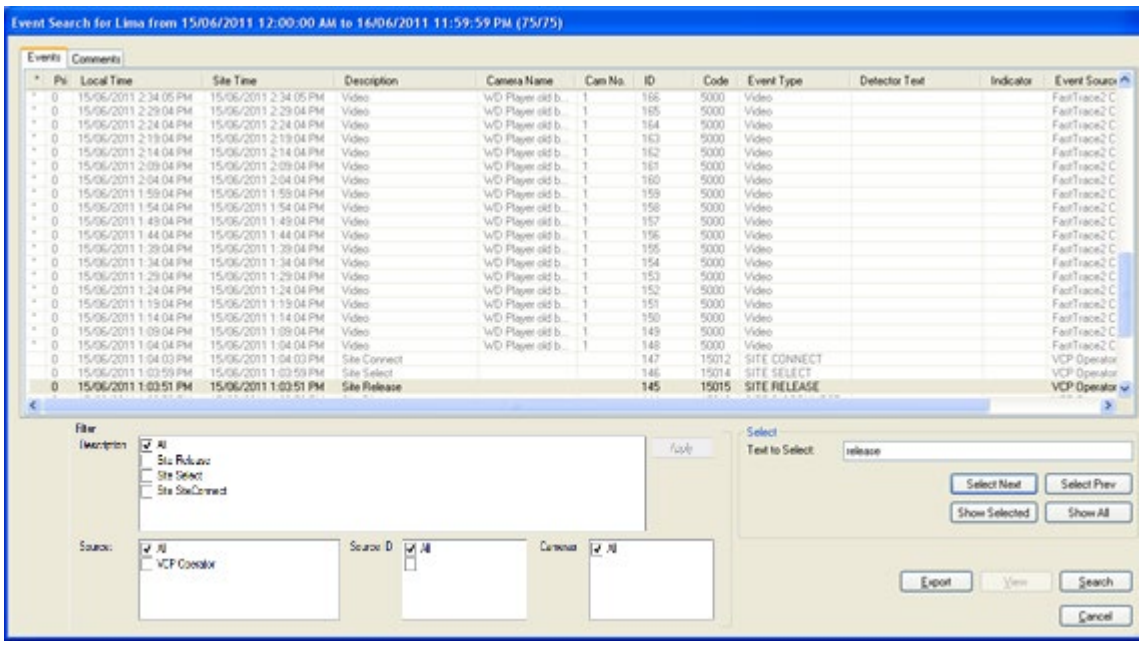
2.42.1.2 Event Search Results

The search results are displayed in the Events and Comments tabs.

2.42.1.3 Event Search Results - Events tab

The Event Search dialog is used to further filter the database events for the selected site within the selected date and time range.

In the Events tab columns contain the following information about each of the listed events: Priority (Pri), Local Time, Site Time, Description, Camera Name, Camera number (Cam No.), ID, Code, Event Type, Detector Text, Indicator, Event Source, Source ID.



Filter parameters include: Description of the Event type, Source of audio / video and SourceID of the device

Select one or more filter items and click **Apply** to filter the list.

To select an event you can either manually scroll the event list or enter text in the Text to Select textbox and click any of the **Select** buttons.

The **Select** buttons provide the following functions

Select Next	Select the next event containing the search term. If the event is not found following the current item the selection will not change.
Select Prev	Select the previous event containing the search term. If the event is not found prior to the current item the selection will not change.
Show Selected	Show only those items within the filtered event list with a match to the Text to Select.
Show All	Show all items within the filtered event list, including those not matching the Text to Select.

Once you have filtered the event list the following buttons will provide these functions

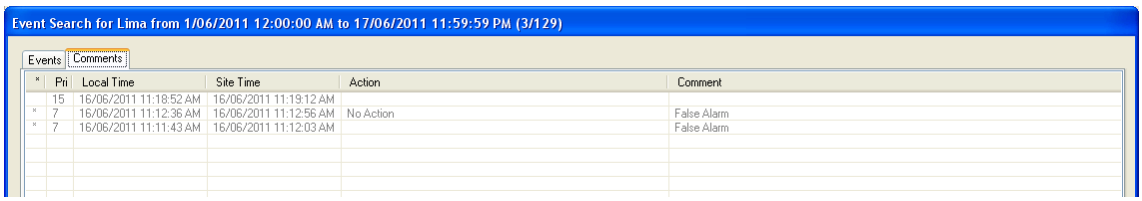
Export	Export the search results list as a comma separated list.
View	Display the selected Video event in the Viewer.
Search	Open the Event Search Parameters dialog.
Cancel	Cancel the Event Search and close the dialog.

2.42.1.4 Event Search Results - Comments tab

The Event List shows the event columns: Priority (Pri), Local Time, Site Time, Action and Comment.

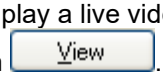
To view comments entered by the Operator while monitoring the site, select an item in the Events list and click on the **Comments** tab. Alternatively, enter the text to search for in the Text to Select text box and click on the **Show Selected** button.

Searching for selected text allows you to search for standard comments that may have been configured for the site.



For more information about entering Comments for events refer to section 2.27.1, Entering Event Comments on page 70.

2.42.2 Live Video / Audio and Alarm Viewer

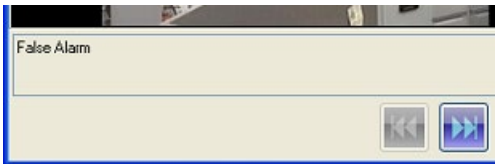
To display a live video / audio or alarm click on the associated event in the search results and then the **View** button 

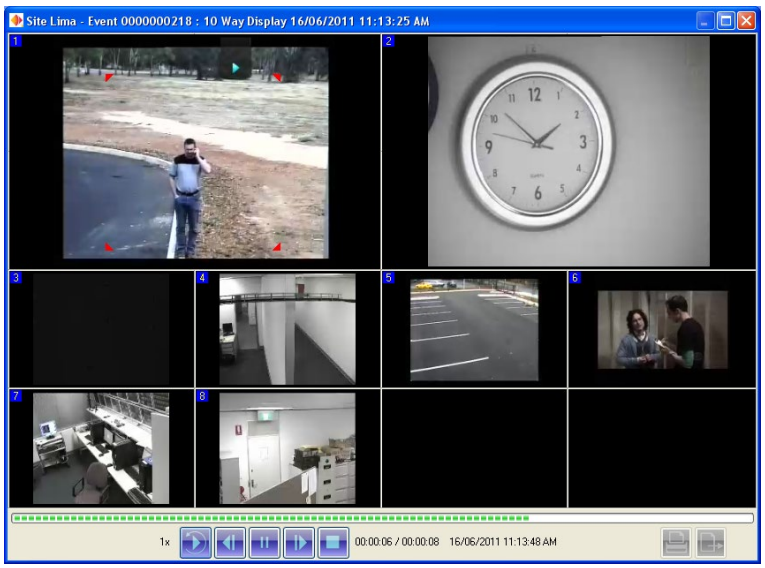
.

Note: See 2.30.8, Bounding Box Operation for detail on bounding box or tracking display.



When a Quad Alarm is displayed in the Viewer the following controls are available:

	When a comment has been entered for an Alarm it is displayed in the panel above the button controls.
	View the previous Alarm in the Search list
	View the next Alarm in the Search list
	Return to the Search again
	Resume Monitoring closes the Viewer and Event Search dialogs and returns to the main Video Central Platinum window.
	Print the Viewer image
	Export the Event to the Secure Viewer file.



When a Multi-way or Live Video / Audio event is displayed in the Viewer the following controls are available:

	Replay the event video
	Fast Rewind
	Pause
	Play
	Fast Forward
	Stop
	Print the paused image. This button is enabled when the video has been paused.
	Export the event to a Secure Viewer file. The resulting file can be played on a PC without a Video Central Platinum installation. This button is enabled when the video has been paused.

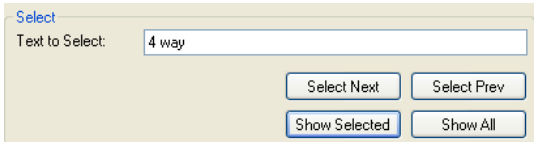
2.42.3 Exporting Search Results

The Search Results List, Event Video, and Alarms can be exported.

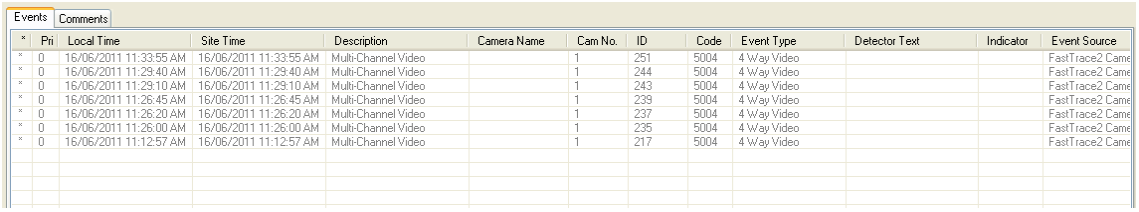
First you need to display the events of interest in the Search Results List.

From the main menu select Tools > Event Search. Within the Event Search Parameters dialog click on the Site and enter the range of dates and times to search. The Event Search dialog opens, displaying the Event Search list in the Events tab.

If some of the displayed events are not of interest you can restrict the list of events by applying the Description, Source and SourceID filters. To further narrow the list, enter text, from any of the columns for the rows you want to show in the list, in the Text to Select text box and click the **Show Selected** button.



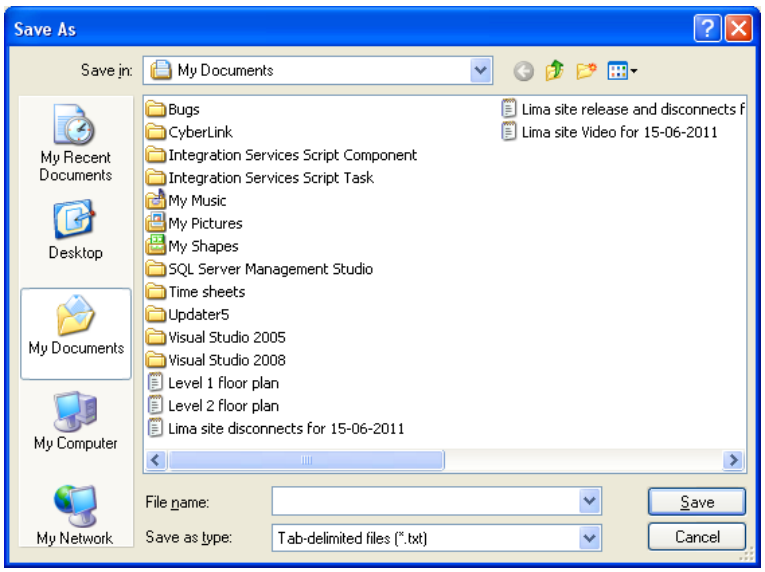
The Search Results List will show only the events containing the text that matches the filter parameters.



2.42.3.1 Export the Search Results List

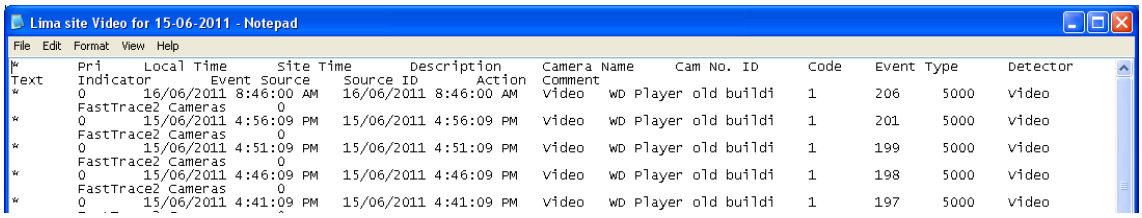
To export the Search Results List click on the **Export** button 

, select the location and enter a descriptive file name for the event list to be stored.

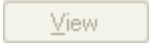


The saved list, a Tab-delimited text file, can be stored, transported, or sent via email.

The exported event list can be opened by any PC with only the standard software installed. The file will open in Notepad, or the application that has been registered to open text files on a PC, by browsing to the file location with Windows File Explorer and double-clicking on the file.



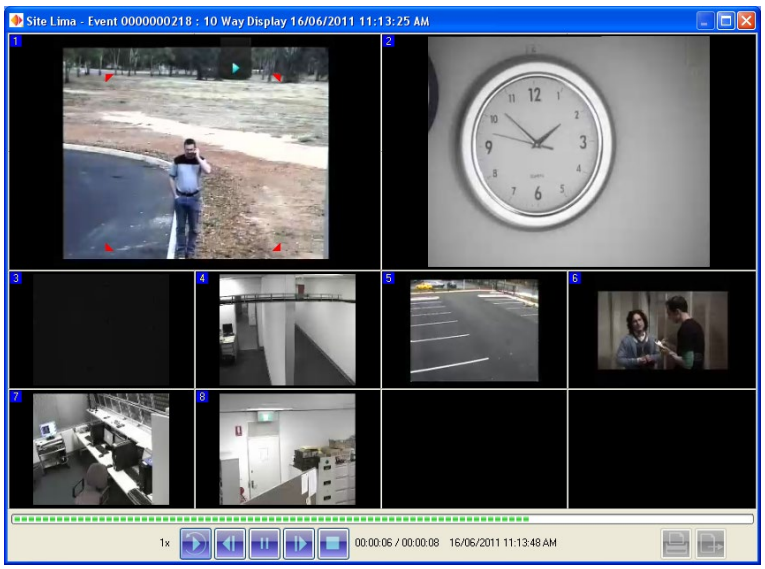
2.42.3.2 Export the Event Video / Audio or Alarms

To display the Event Video / Audio or Alarms, select an event with associated video. If the event does not have an associated video the **View** button 

will not be enabled.

When you click on the enabled **View** button 

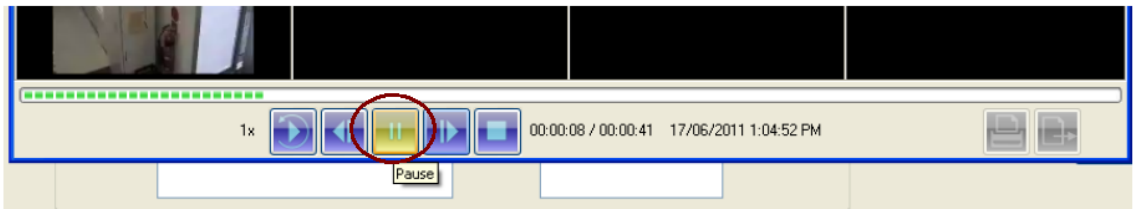
the video associated with the event is shown in the Viewer.



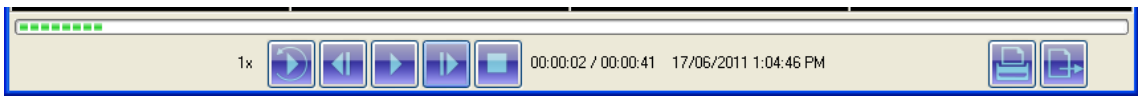
While the video is playing the **Print and Export** buttons, which are at the bottom right corner of the Viewer, are disabled.



To export the video to the Secure Viewer you must enable the **Export** button by clicking on the **Pause** button while the video is playing.

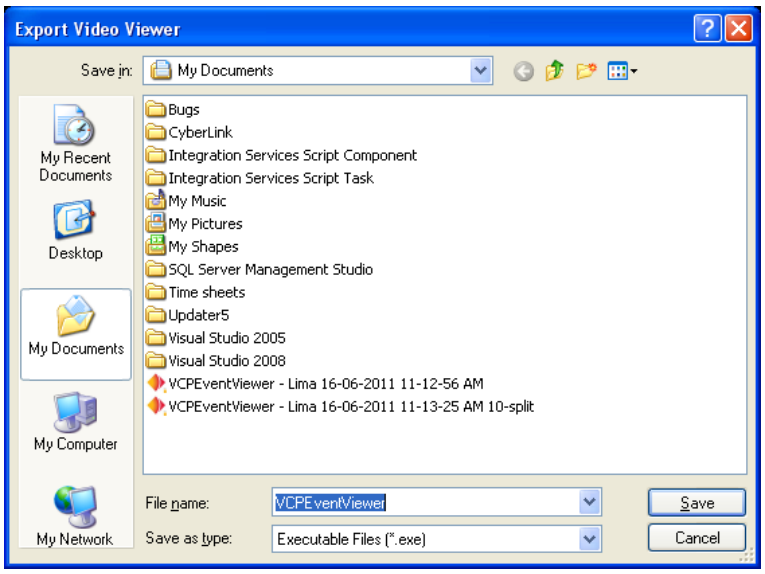


After you click on the **Pause** button the **Print and Export** buttons will be enabled.



Click on the **Export** button to export the video as an executable file.

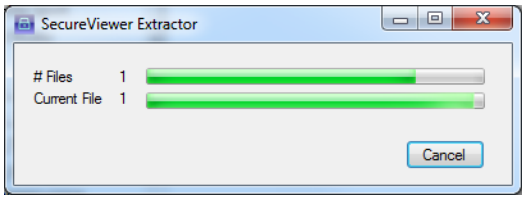
When the Export Video Viewer dialog opens select the location and enter a descriptive file name for the Secure Video to be stored with.

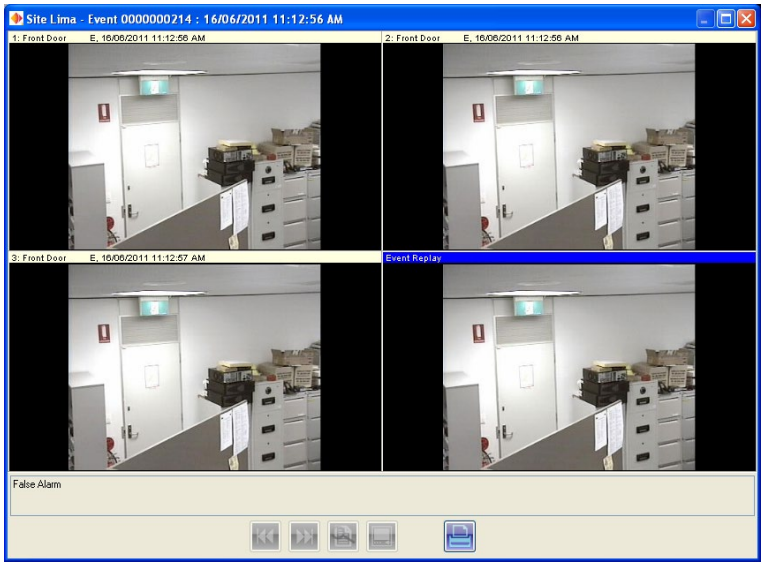


The Secure Video file can be stored and viewed on another PC which does not have a Video Central Platinum installation.

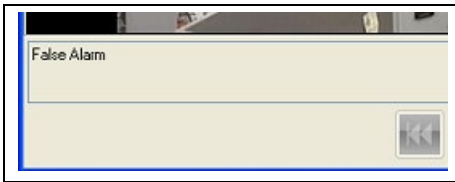
2.42.4 Playing the Secure Video File

To display the Secure Video file, navigate to the stored location and double-click on it. The VCPEventViewer Extractor will open and extract both the Secure Video application and the exported video.

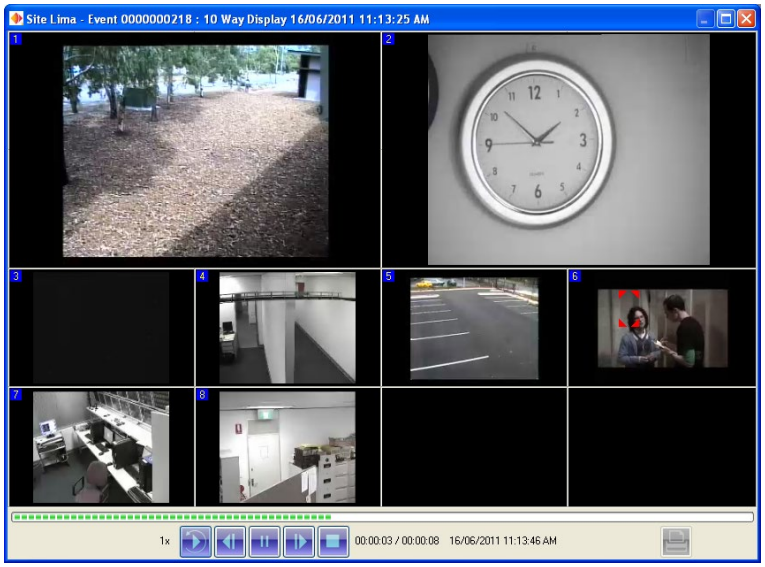




When a Quad Alarm is displayed in the Secure Viewer the following controls are available:

	When a comment has been entered for a Quad Alarm it is displayed in the panel above the button controls.
	This button is not available in this mode.

	This button is not available in this mode.
	This button is not available in this mode.
	This button is not available in this mode.
	Print the Viewer image



When a Multi-way or Live Video / Audio event is displayed in the Secure Viewer the following controls are available:

	Replay the event video
	Fast Rewind
	Pause
	Play
	Fast Forward
	Stop
	Print the displayed image. This button is enabled when the video has been paused.

2.42.5 Search (via report)

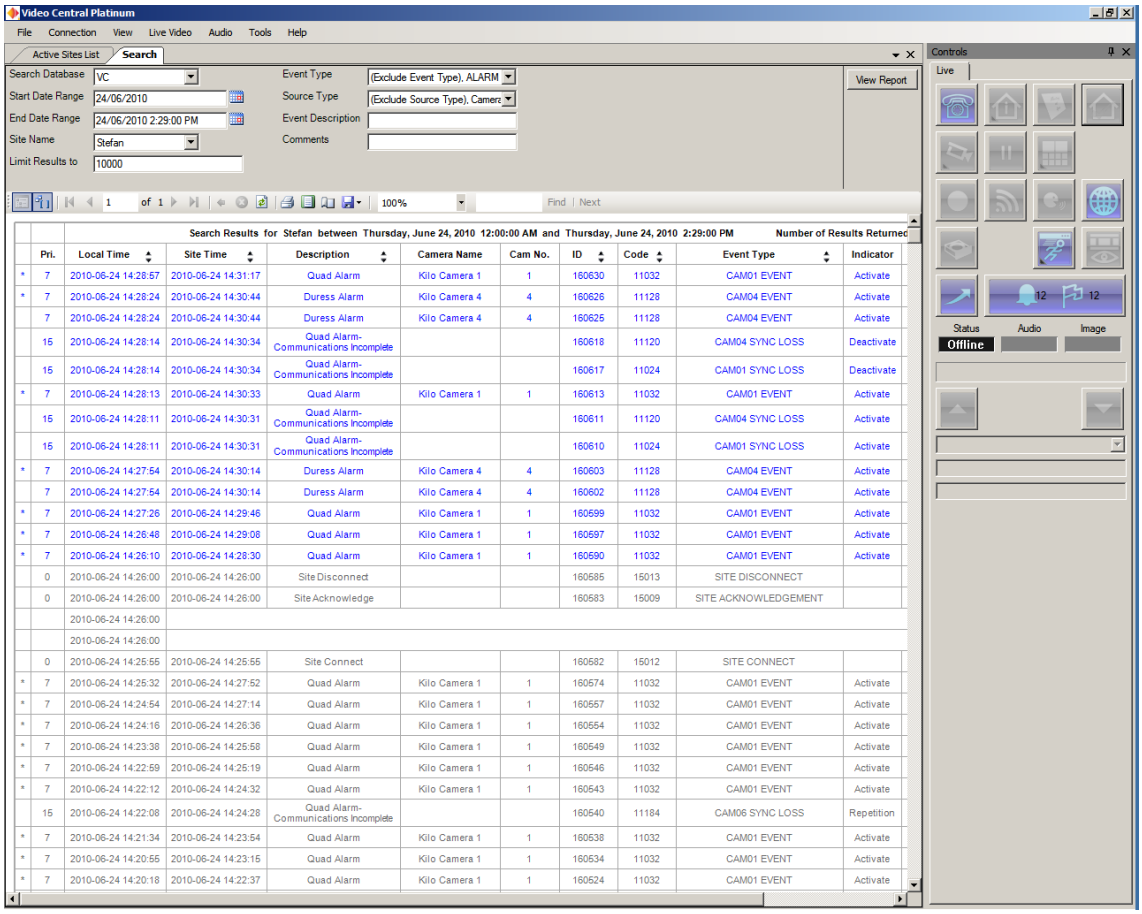
Access Search via Tools > Search and the Search tab will be displayed allowing filter parameters to be entered. The lower Search Results area will be blank.

Enter filter parameters such as database to be searched, Site Name, Start Date Range, End Date Range, and other optional filter criteria such as Limit Results to, Event Type, Source Type, Event Description, and Comments.

After a short delay the report will be displayed in the lower area as shown below.

Blue indicates events that are unacknowledged. Grey events are acknowledged events.

An asterisk in the first column indicates the event has associated video images.



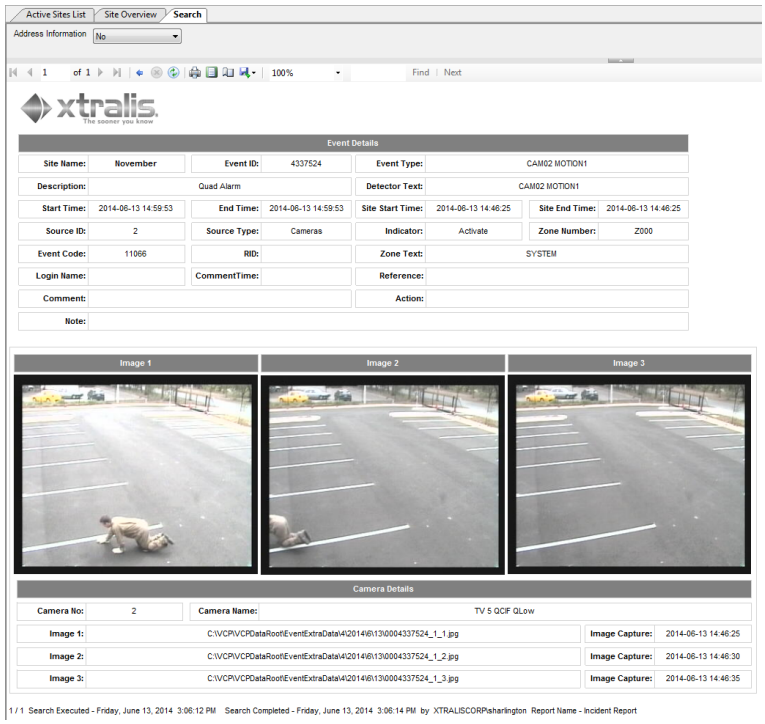
A toolbar above the Search Results provides the following functions



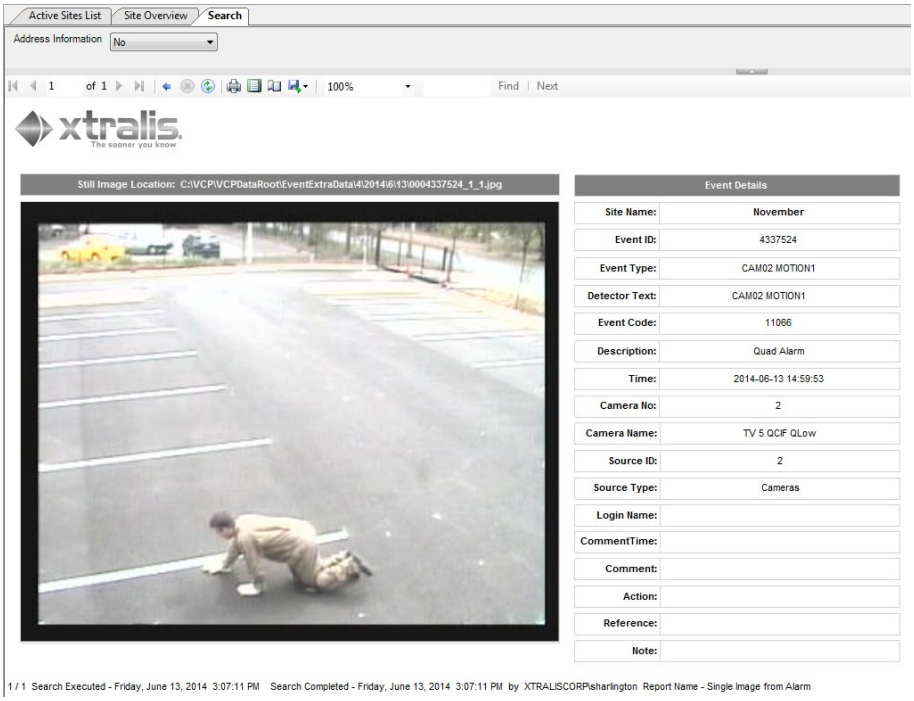
	Show or hide the parameter area
	Go to first page
	Go to previous page
1 of 2	Current page number
	Go to next page
	Go to last page
	Go back to parent report

	Stop rendering – halt search
	Refresh
	Print
	Print layout
	Page setup
	Export as PDF, Excel or Word file

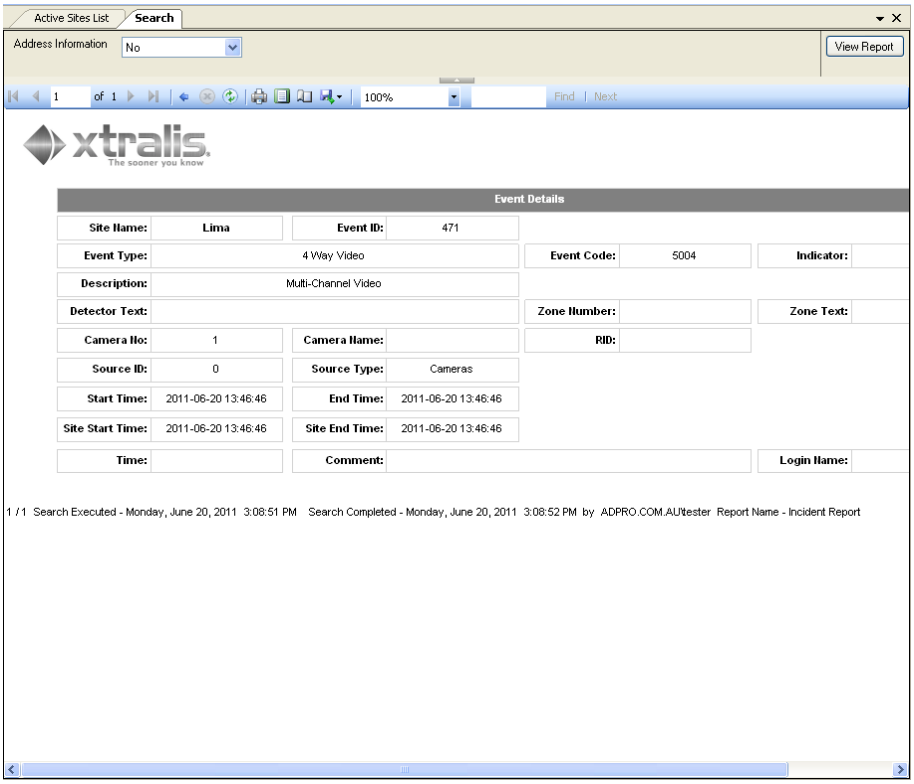
Click on any event in the search results to display the event details and any associated video as the incident report below shows.



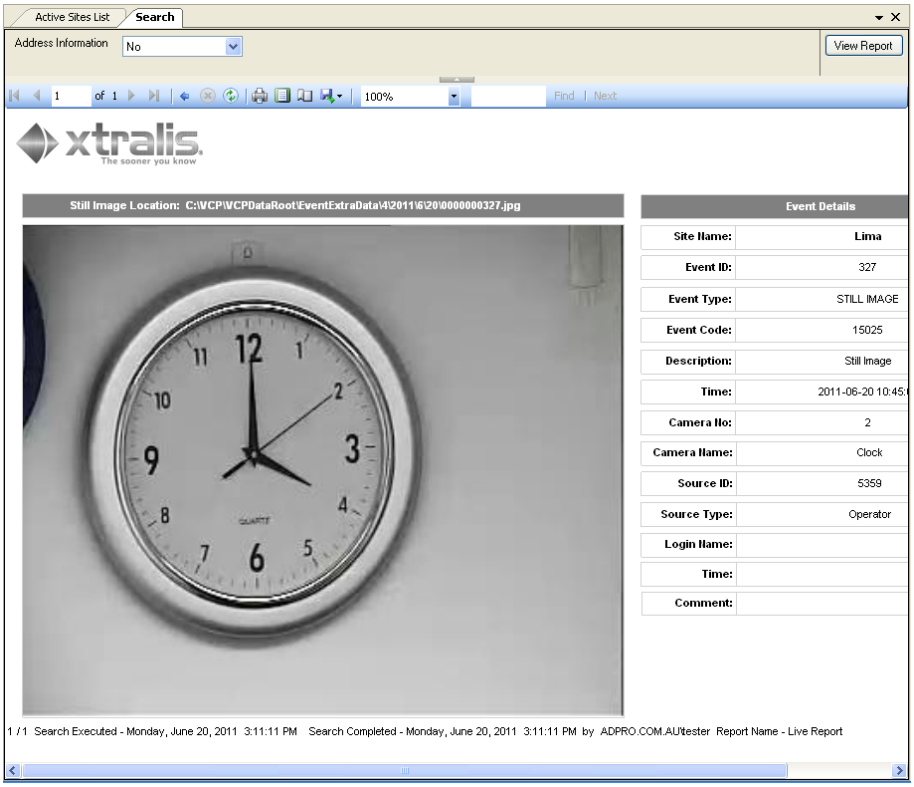
Click on any image within the incident report to further refine the incident report to include only the image of interest.



If the event does not have associated video then only the event details will be displayed.



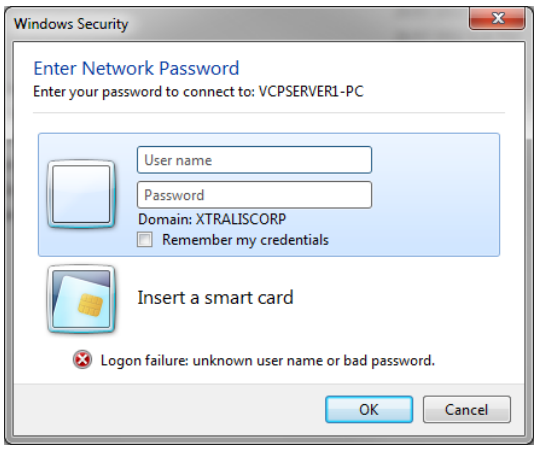
If the event type is a Still Image, a Live Report including the relevant image will be generated.



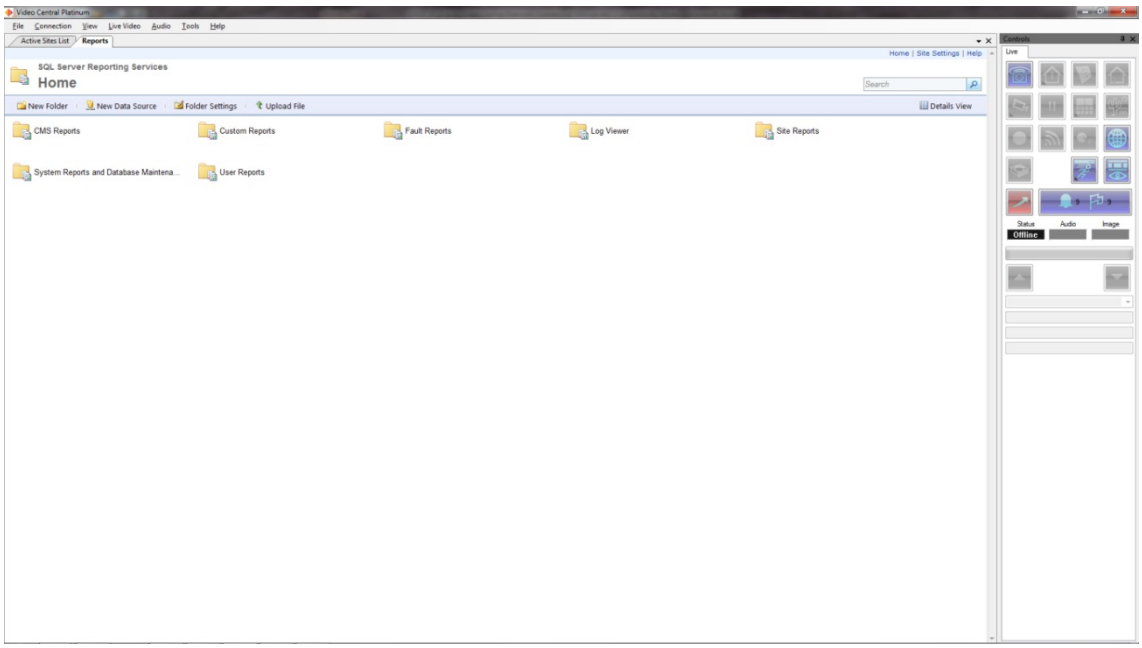
Click the **back arrow** icon  to return to the search.

2.43 Reports

To generate a report, select Tools > Reports. As Reporting Services uses Windows Authentication you may be prompted to enter a user name and password. These are as your Windows Domain or Workgroup user account details. Click **OK** and the SQL Server Reporting Services Home page will be displayed. If the Home page is displayed with no Report Folders it is likely your user has not been added to Report Manager. See Video Central Platinum Setup and Configuration Manual for details.

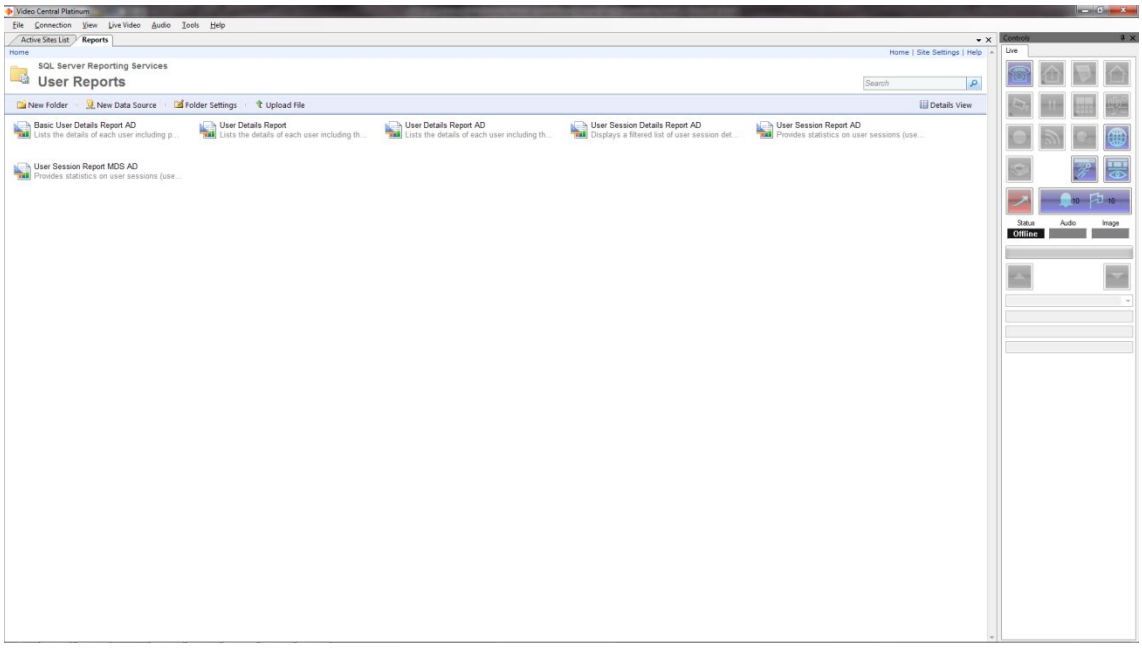


From the Home page click on the folder that contains the type of report you require. In the following example the folder chosen is User Reports and the report required is Basic User Details Report AD.

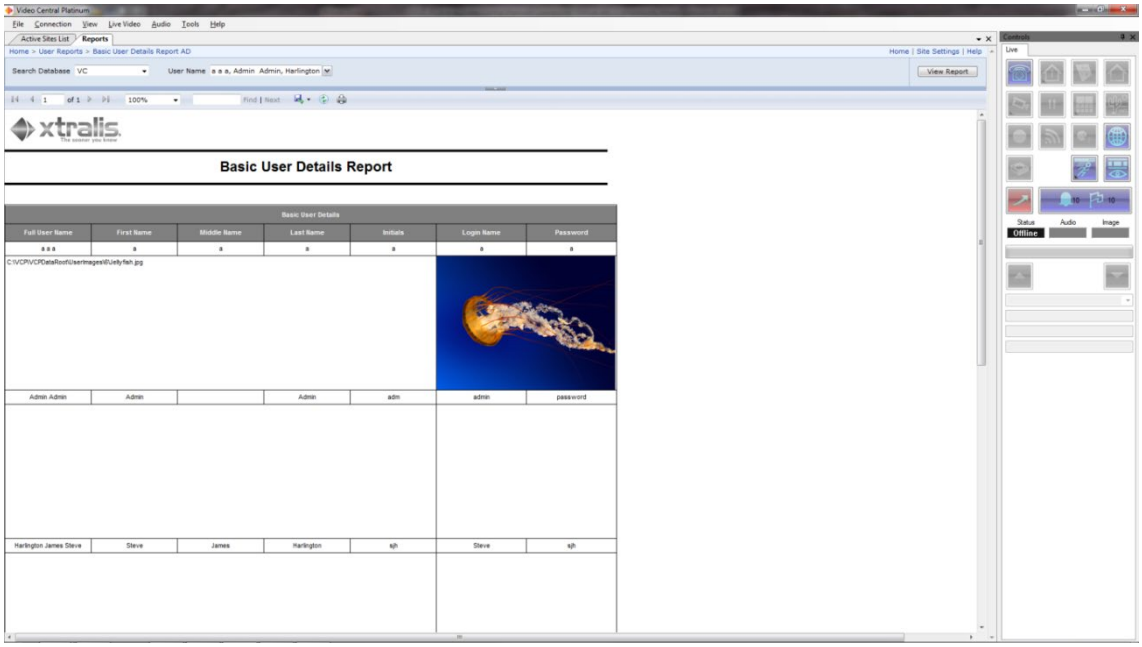


The User Reports page contains a synopsis of available User Reports.

Click the Basic User Details Report AD and an activity message ‘Loading’ is displayed.



The report will then be displayed as shown below.



A toolbar above the report provides the following functions

	Go to first page
	Go to previous page
1 of 1	Current page number
	Go to next page
	Go to last page
100%	Magnification
Find | Next	Search function: Find / Next occurrence
PDF Excel Word	Select format for exported file: PDF, Excel or Word
	Refresh
	Print

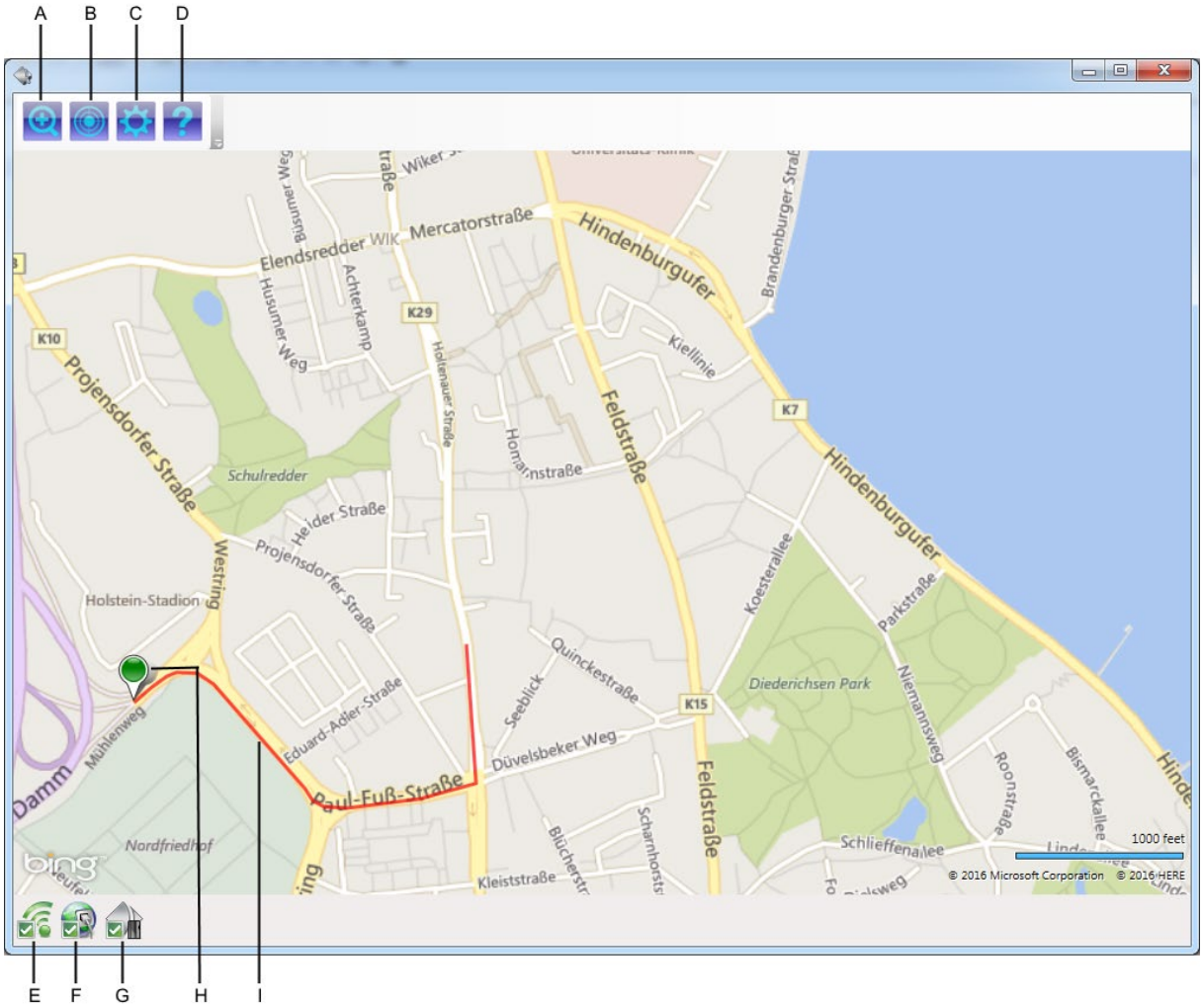
2.44 Global Maps

Global Maps is an application that allows to track HeiTel units that have GPS tracking enabled.

The Global Maps application will either be started automatically upon start-up of the VCP User Interface, or it can be started manually via All Programs > Xtralis > Video Central Platinum > Video Central Platinum Global Maps.

The option to enable the Global Maps auto start feature is located under Tools > User Interface Options > Global Maps Auto Start.

For configuration of the Global Maps application, see the *Video Central Platinum Setup and Configuration Manual* (19116).



Item	Function
A	The Zoom button resets the zoom level to the point where all targets on the map are visible. Note: you can manually zoom in or out by means of the mouse scroll wheel.
B	The Target button toggles display of an info tag on each target. The info tag displays information such as unit name, GPS coordinates, and address.
C	The Settings button opens a dialog for configuration user settings. For details on this, see the Video Central Platinum Setup and Configuration Manual (19116).
D	Displays information about the Global Maps application, such as the version number.
E	The HTConnect Server Connection status icon indicates whether the Global Maps application is successfully connected with the HeiTel HTConnect Server.
F	The Bing Maps Key status icon indicates whether a Bing Maps key is present. If no Bing Maps key is present, there will be limitations on the transactions with Bing maps (see https://www.microsoft.com/maps/create-a-bing-maps-key.aspx).
G	The VCP Server Connection status icon indicates whether the Global Maps application is successfully connected with VCP Server.
H	The target icon represents the location of a GPS-enabled HeiTel unit. If a device is indicated as not being available anymore, then the colour of the target and the trace line changes to grey. As long as the device is not back online, the trace and pin will not be removed. When the device comes back online, the colour of the pin changes back to green, and the colour of the trace line changes back to red. The trace line for an offline device is also no longer trimmed (see below), until the device comes back online.

Item	Function
I	The trace line shows the path the target has followed during a given time. The length of the trace line will be trimmed according to the Trace Length setting.

2.45 Scenarios

2.45.1 Alarm Management

Pre-requisite

The site is on the Active Sites List with alarms present.

Process

Step	Action	Reference Section
Select site from ASL	Double click the site name on ASL or click the **Connect**  button or click the **Next Highest Priority**  button	2.16.2, Selecting a Site from the ASL
View events in Event List	Click event name within Event List	2.32, Using the Event List
Enter comment about items of interest	Double click event name on Event List	2.27.1, Entering Event Comments
View Site Details and contact appropriate parties	Click **Site Actions**  and select Site Details from the drop down menu	2.17, Viewing Site Details
Acknowledge Site	Click the **Acknowledge Site**  button	2.30.9, Post Alarm Actions

2.45.2 Surveillance

Pre-requisite

The site is on the Active Sites List with alarms present.

The camera of interest is a PTZ type.

Process

Step	Action	Reference Section
Connect to site	Click the **Connect** button 	2.7, Connecting to a Site
Start 16 way Guard Tour	Click the **Guard Tour**  button and select 16 way from the list of display options	2.23, Conducting a Guard Tour
Select camera of interest	Double click on Guard Tour cameo of interest	2.23, Conducting a Guard Tour
Use PTZ controls to zoom in and inspect	Click **PTZ toolbar** icons	2.24, PTZ Control
Add Operator Observation	Click **Operator Observation**  button and enter comment in dialog	2.27.3, Entering Operator Observations
View Site details and contact appropriate parties	Click **Site Actions**  and select Site Details from the drop down	2.17, Viewing Site Details

Step	Action	Reference Section
Switch control from Operator to Manager.	Operator pushes the site back to the ASL from Site View mode via the ASL button . The Manager then selects from the ASL	2.16.4, Switching a Site between Operators
Disconnect from the Site	If no alarms, click **Disconnect**  or if events present click **Acknowledge** Site and Disconnect 	2.14, Disconnecting from a Site or 2.30.9, Post Alarm Actions

2.45.3 Access Control

Pre-requisite

A visitor requiring access activates a live alarm so the site presents on the Active Sites List.

The site is armed.

Process

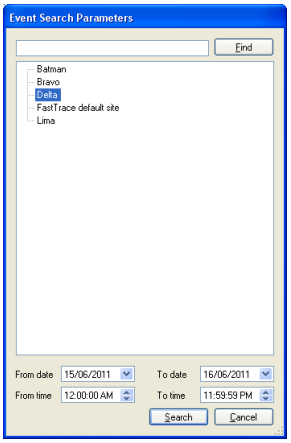
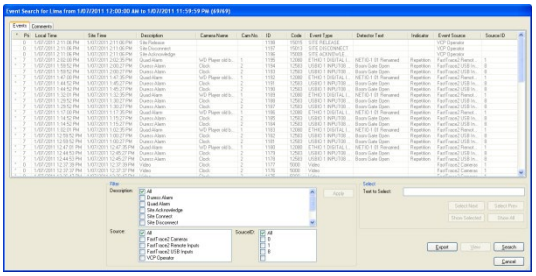
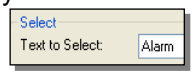
Step	Action	Reference Section
Select the site from the ASL	Double click the site name on ASL or click the **Connect** button  or click the **Next Highest Priority**  button	2.16.2, Selecting a Site from the ASL
Enable Local Audio and make announcement to the visitor	Click the **Local Audio**  button.	2.25, Live Audio
Enable Site Audio and listen to visitor	Click on the **Site Audio**  button. If audio is off, pressing the INS key will turn listening on. Releasing INS will toggle to broadcast audio.	2.25, Live Audio
View Site Details and reference visitor image for validation	Click **Site Actions**  and select Site Details from the list	2.17, Viewing Site Details
Disarm site	From Connection menu select Remote Arm/Disarm then click the **Disarm** button	2.35, Arming and Disarming
Release gate and allow entry	Click **Site Actions**  and select View inputs/Set outputs. Turn on the required output.	2.19, Viewing Inputs and Viewing or Setting Isolation and Output Status
Secure gate after visitor entry	Click **Site Actions**  and select View inputs/Set outputs. Turn off the required output.	2.19, Viewing Inputs and Viewing or Setting Isolation and Output Status
Add User Note or Site Note	Click the **Applications Launcher**  button then select Enter Site Note or Enter User Note	2.28.2, Entering User Notes 2.28.3, Entering Site Notes
Arm site after visitor exits	From Connection menu select Remote Arm/Disarm then click the **Arm** button	2.35, Arming and Disarming
Acknowledge Site	Click **Acknowledge Site and Disconnect** 	2.30.9, Post Alarm Actions

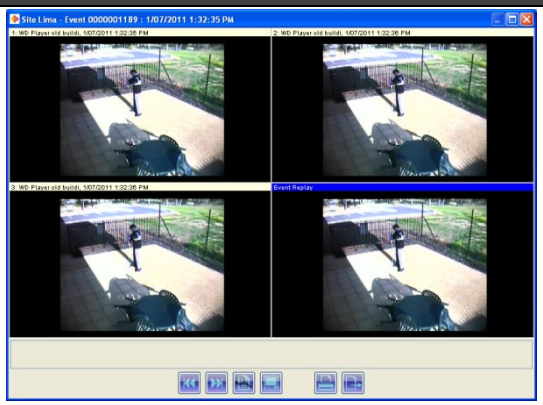
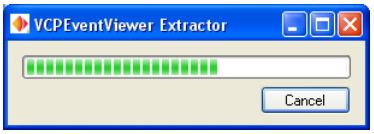
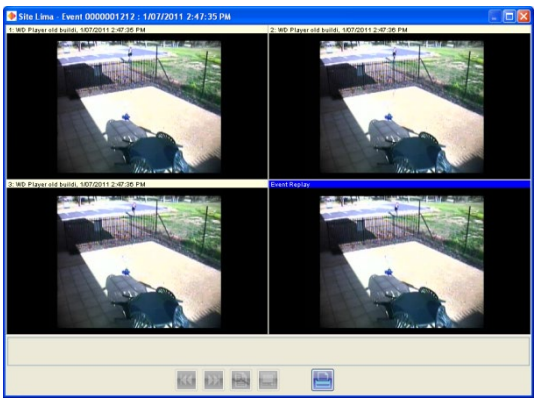
2.45.4 Export Live Video / Audio or Alarm Events

Pre-requisite

The Video / Audio or Alarm exists in the Video Central Platinum Database.

Process

Step	Action	Reference Section
Search for the Event	Select the Event Search via Tools > Event Search menu.  Select the site, date and time range to search and click **Search**. The Search results dialog displays a list of events.  Use the Description, Source, and SourceID filters to narrow the search. You may also enter a search term in the Text to Select box  and click the **Show Selected** button to show only the events containing the selected text. Click on an event, if it has no associated Video / Audio the View button will remain disabled . Clicking on an event with associated Video / Audio enables the button . Click **View** to display the Video.	2.42.1, Event Search
Connect an external storage device to the PC.	Connect an external storage device to the PC with sufficient free space to hold the video. The size of the secure video file will vary greatly, dependant on the video quality and duration.	

Step	Action	Reference Section
Export the Event Video	 When you are sure that the video is for the correct event click on the **Export** button in the Viewer and save the video to a location on the external storage device. Note the playback must be either complete or paused for the **Export** button to be enabled. Close the Viewer and eject the external storage device correctly.	2.42.3.2, Export the Event Video / Audio or Alarms
Open the Secure Viewer package offsite	Connect the external storage device to the PC on which the Secure Viewer is to run. Using the Windows File Explorer, navigate to the exported executable file and double-click on it.  The VCPEventViewer Extractor will open and extract both the Secure Video application and the exported video for playback. 	2.42.4, Playing the Secure Video File

2.46 Keyboard Shortcuts

Certain menu and button functions are available via the PC keyboard as shown below:

Action	Key
Acknowledge Site	F7
Active Sites List	CTRL - L
Auto Sequence (Guard Tour)	CTRL - 1
Bounding Boxes	CTRL – B (Alarm mode only)
Broadcast to Site	0 (Ins) on the number keypad
Camera - Change Up	SHIFT - PGUP
Camera - Change Down	SHIFT - PGDN
Change Password	CTRL - C
Connect to Site	F5
Disconnect from Site	F8
Display - 4 way	CTRL - 4
Display - 7 way	CTRL - 7
Display - 9 way	CTRL - 9
Display - 10 way	CTRL - 0
Display - 13 way	CTRL - 3
Display - 16 way	CTRL - 6
Event Comment	SHIFT - F7
Event Review	CTRL - R
Event Search	CTRL - V
Fire Procedure	CTRL - K
Image Resolution - Low	CTRL - F8
Image Resolution - High	CTRL - F9
Inputs/Outputs	F2
Installer Menu	CTRL - I
Interactive Diagram	CTRL – D
Live Video	CTRL - F6
Local Audio	F4
Next Highest Priority Site	CTRL - N
Operator Observation	SHIFT – F8
Pause	CTRL - F7
Private Wall	CTRL - W
Record Video	F10
Remote Arm / Disarm	CTRL - O
Reports	CTRL - E
Reset Default Layout	F12
Save Still Image	F9
Search	CTRL - S
Security Procedure	CTRL - J
Site Audio	F3

Action	Key
Site Details	F6
Zone Isolate	CTRL - F11

PTZ Action	Key
Auxiliary Output On	Alt - +
Auxiliary Output Off	Alt - -
Delete Preposition	Ctrl - Delete
Focus In	Alt - Page Up
Focus Out	Alt - Page Down
Home To Preposition	Ctrl - Home
Iris Open	Ctrl - +
Iris Close	Ctrl - -
Pan Left	Ctrl - Left Arrow
Pan Right	Ctrl - Right Arrow
Select Preposition	Ctrl - End
Save Preposition	Ctrl - Insert
Tilt Up	Ctrl - Up Arrow
Tilt Down	Ctrl - Down Arrow
Wash On	Ctrl - *
Wash Off	Ctrl - *
Wipe On	Ctrl - /
Wipe Off	Ctrl - /
Zoom In	Ctrl - Page Up
Zoom Out	Ctrl - Page Down

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