

# WallControl 10 for Milestone XProtect User Guide

Version Number 1.2.0



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## Introduction

This help guide is designed for users of WallControl 10 for Milestone XProtect. The XProtect Smart Client has its own comprehensive online help file which can be opened by clicking on the help button:



## WallControl 10 for Milestone XProtect

Sharing/displaying Milestone live content as a source on a display wall managed by WallControl 10.

WallControl 10 For Milestone XProtect requires the following:

- Datapath Display Driver install version 4.5.0 or later
- WallControl 10-VMS1 version 1.6.0 or later plus a VMS licensed dongle. WallControl 10-VMS1 has all the functionality of WallControl 10-Pro with the added compatibility of running with WallControl 10 for Milestone XProtect Smart Client.
- Datapath WallControl 10 installed on XProtect Smart Client, the Milestone Management Server and Executive Server
- Milestone 2018 R2 or later
- Milestone ONVIF Bridge installed

### **Note:**

***Unless your Wall Controller has ActiveSQX cards installed, there is a display limitation of 8 x IP Camera streams on a wall at any one time.***

## Licensing

WallControl 10 for Milestone XProtect requires that a valid WallControl 10 -VMS1 licence dongle is inserted into the system hosting the WallControl 10 Server. An Invalid Licence warning is displayed in the Zones and Layouts panels (3 + 4) should an incorrect license dongle be inserted.

Any wall displaying the Offline warning indicates the WallControl 10 Server, for that particular wall, is not currently running and therefore unavailable for use. The WallControl 10 Server should be restarted to bring the wall back online.

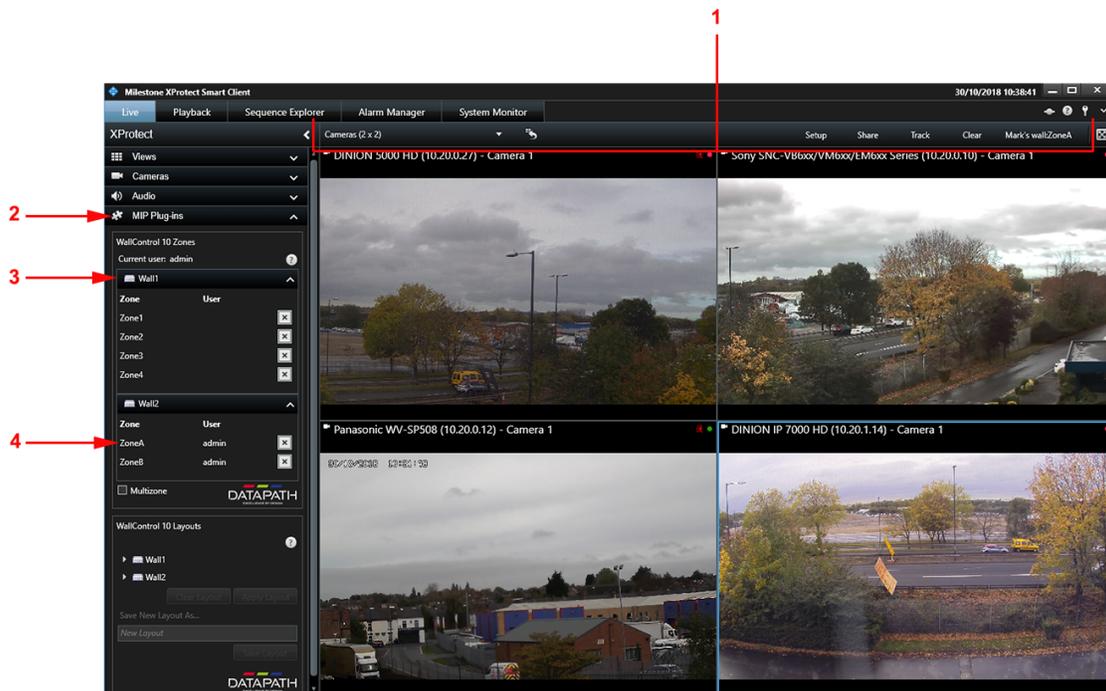
When opened, the XProtect Smart Client displays the view from the previous session.

## User Interface

The XProtect Smart Client offers the user the ability to interact with walls/zones managed by WallControl 10 in both Live and Playback modes.

## Live Tab

The Live tab enables users to share and display live sources to a wall.

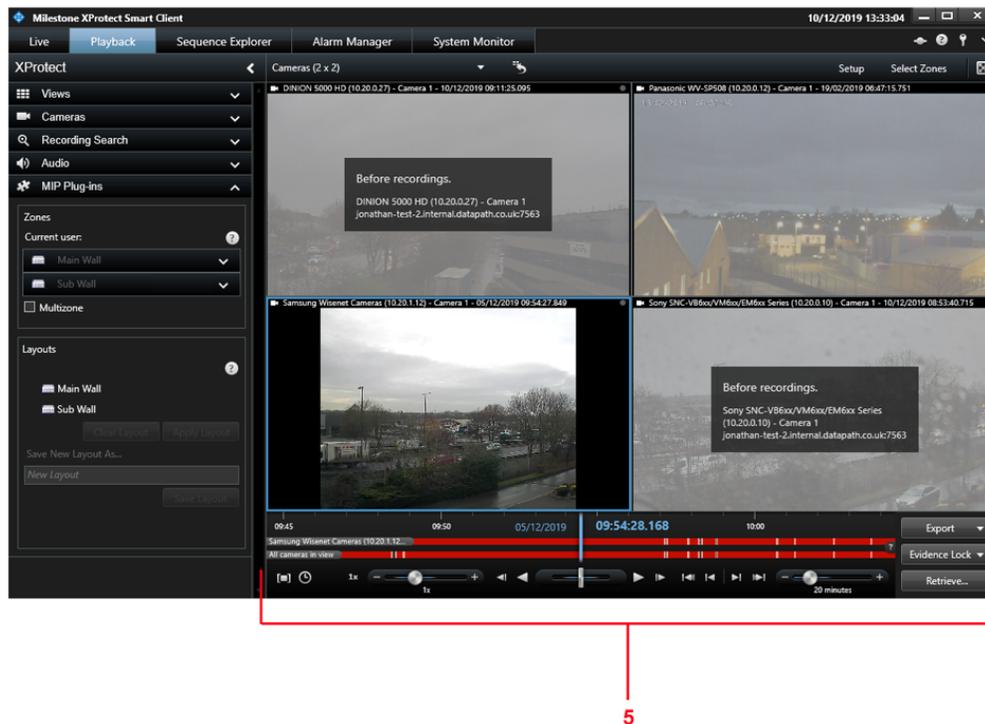


1	<a href="#">Workspace Toolbar.</a>
2	MIP Plug-ins - This is where the WallControl 10 Plug-ins For Milestone XProtect are located.
3	<a href="#">WallControl 10 - Zones</a> - Displays the Zones that are available to use.
4	<a href="#">WallControl 10 - Layout</a> - Displays the Layouts that are available to share/dis-

play on a wall.

## Playback Tab

The Playback tab enables a user to select a captured stream from a particular point in time. Select a saved stream and use the time line slide (5) to select a specific point in the recorded stream. The user can then Share the recording to a wall playing from the selected point in the recording.



## Zoom Controls

The mouse controls can be used to zoom in and out on a specific area within a View Item by clicking and dragging or scrolling with the mouse wheel. The actions of the zoom function are only viewable within the XProtect Smart client and will not be replicated if displayed on a wall.

## Types of Media

The following types of media can be shared with a wall:

Cameras

Carousels

Hotspots

Matrix

Images

Html

***Note: Images and html pages must have the same directory path on both the Smart Client and the video wall machines. For example C:\Images\file1.bmp. A more flexible approach would be to store them on a file share \\Machine\pages\doc.htm as this would be the same directory path on any machine with access to it.***

# Workspace Toolbar

The Workspace Toolbar contains tool menus and buttons that affect how and where the **Views** and **View Items** are displayed on a video wall:



1	<i>Views. Information /help regarding Views can be found in the Milestone documentation.</i>
2	<i>Redraw. Information /help regarding the Redraw can be found in the Milestone documentation.</i>
3	<i>Setup. Information /help regarding the Setup menu can be found in the Milestone documentation.</i>
4	Extract enables you to take a snapshot of the current view and share it on a selected wall.
5	Share enables you to share a view to a selected wall.
6	Track/Untrack enables you to follow/stop following a particular view.
7	Clear enables you to clear the view from the wall.
8	Open the Select Single Zone dialogue and <a href="#">Multizone</a> dialogue

## Extract

The **Extract** button (4) is only available when a view contains a carousel or a hotspot. When selected, the view is displayed on the selected Zone with the current carousel feed extracted. The remaining feeds in the carousel cycle are not displayed on the zone. When Extract has been selected it will be greyed out and not available for further selection unless cleared or overwritten by another user or a different method of display is selected.

**Extract** is also available for selection from the [View Item toolbar](#).

## Share

The **Share** button (5) enables the user to share the content of the current view to a specific zone. When Share has been selected it will be greyed out and not available for further selection unless cleared or overwritten by another user or a different method of display is selected.

Share is also available for selection from the [View Item toolbar](#).

## Track

The **Track** button (6) enables a user to share a whole view to a zone and automatically update the zone when a new view is selected by the user. Tracking is only available with View and **not** available to use with a View Item as a View Item only occupies a section of a View.

## Clear

The **Clear** button (7) enables the user to clear the current display from the wall.

## Select Zone

The **Select Zone** button (8) allows the user to open the Single Zone or [Multizone](#) dialogue enabling the selection of specific zones to display content.

### **Note:**

*The ability to carry out certain tasks depends on the User Rights Access set up in Milestone. If a user does not have user rights, the function buttons are not active.*

## WallControl 10 - Zones

The Zones panel displays a list of all walls and zones available to the XProtect Smart Client **(1)**. All walls and zones are added and configured by the administrator for use within Milestone.

Click on the down arrow **(2)** to display the Zones for each wall



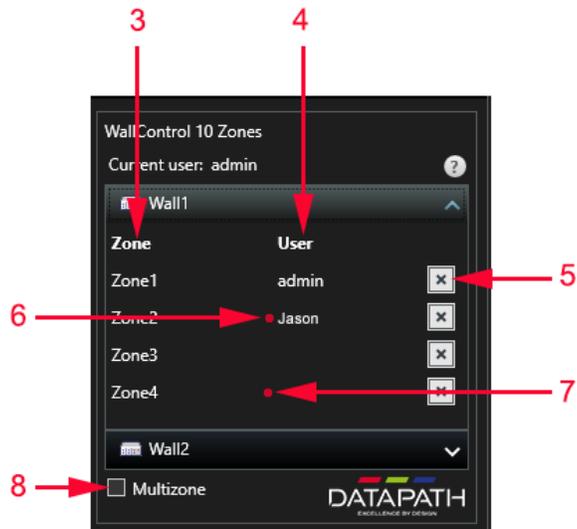
Each wall can have multiple zones **(3)** on which you can display your Views. For information regarding Views and View Items see the Milestone documentation.

Once content has been placed within a zone, the zone is allocated to the user sharing the View or View Item **(4)**. If a cameraEvent has been triggered and extracted to a Zone the content of that zone will be overwritten.

Providing you have the correct User Rights Access, a user can override and clear the content being displayed on any zone by clicking the Clear Icon **(5)**. The Clear Icon is greyed out and unavailable if the user doesn't have the necessary user rights permissions.

Should the content you are displaying be overwritten by another user this will be indicated by a red dot **(6)** next to the user name informing you that your content has been removed and replaced.

A single red dot **(7)** indicates that your content has been cleared from the zone by another user, click on the red dots to acknowledge the removal of your content.



## Multizone

It is recommended that the Multizone dialogue is selected (8) when displaying the same content, on multiple zones, at the same time. The Multizone dialogue also offers the flexibility to select different zones quickly.

To open the Multizone dialogue, select the Multizone checkbox then open the Select Zone dialogue from the [Workspace Toolbar](#) if you wish to display a View or the [View Item toolbar](#) if you wish to display a single View Item only.

The following dialogue is displayed:



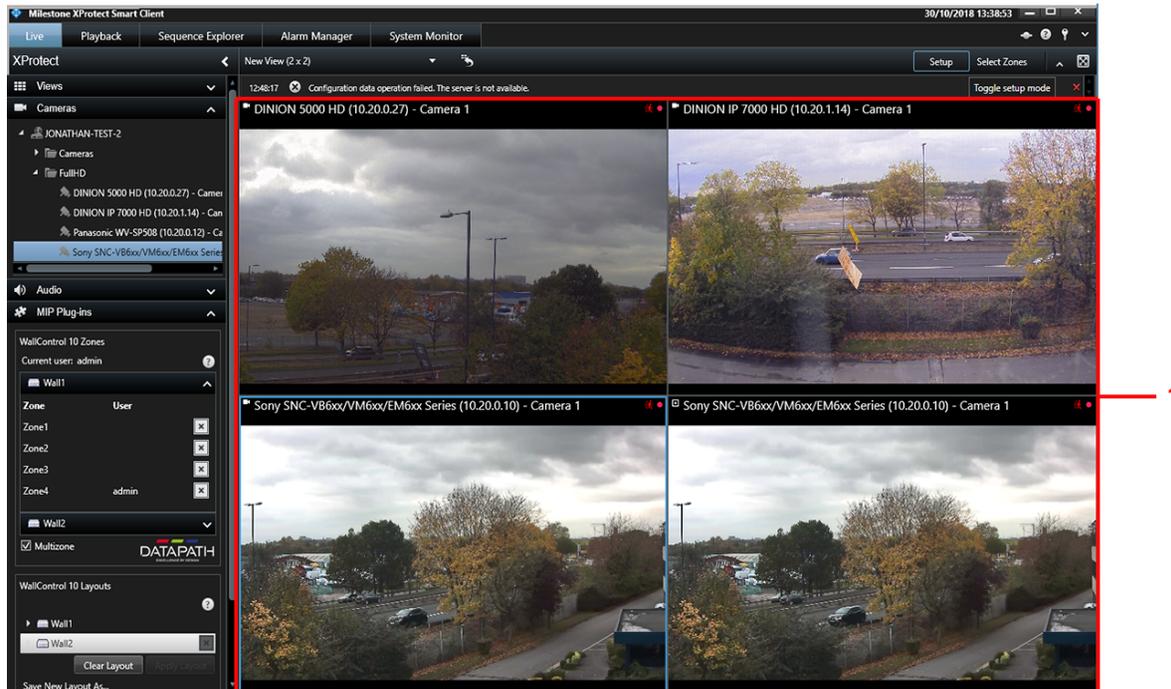
When Multizone is selected the methods of display are removed from the Workspace Toolbar (9) and incorporated into the Multizone dialogue (10). This enables a View or View Item to be displayed on multiple zones and walls using different display methods. In the example above, the View or View Item has been Shared to Zone 4 on Wall 1 and Extracted to Zone B on Wall 2 (11).

**Note:**

***The ability to carry out certain tasks depends on the User Rights Access set up in Milestone. If a user does not have user rights, some function buttons are not active.***

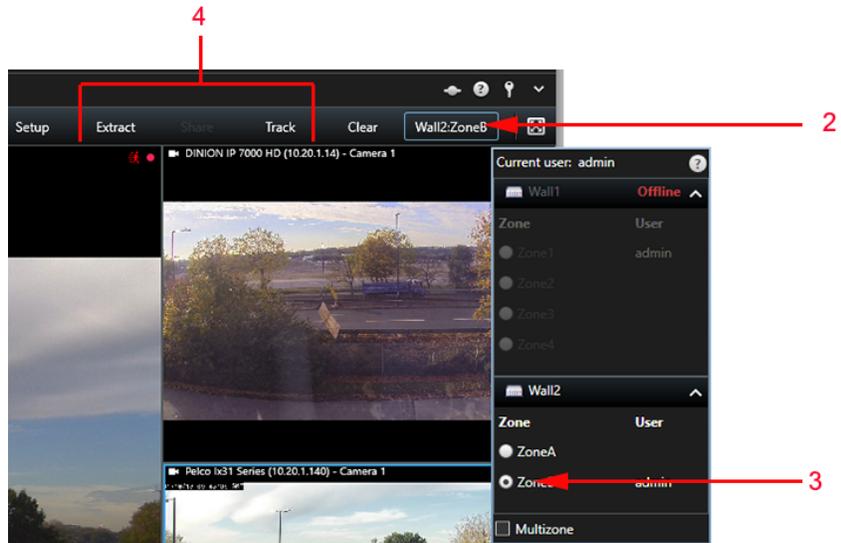
# View

A **View** is a single or multiple items filling all of the application window **(1)**.



To select a zone on which to display your current view, open the **Single Zone Selection** dialogue from the **Workspace Toolbar (2)**. The Single Zone Selection dialogue displays a list of all available walls, expand the wall to display the zones.

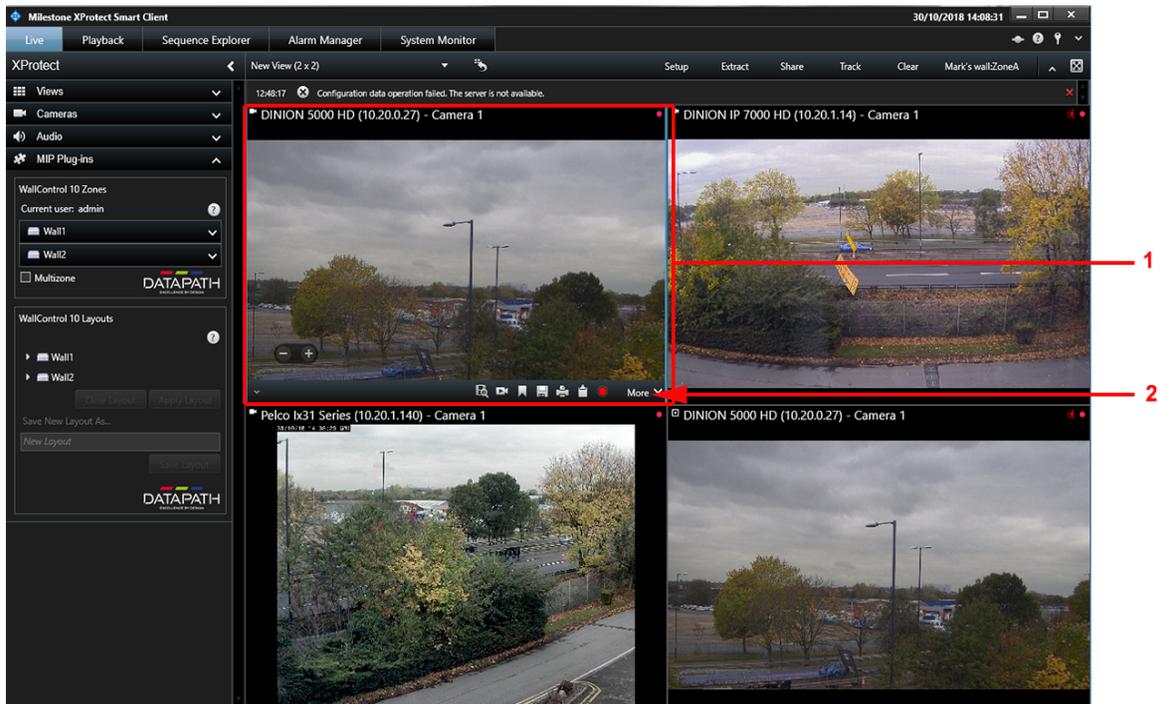
Select a zone on which to display your view **(3)** then choose the method of display **(4)** required. In the example below, the current view has been Shared to Zone B on Wall 2. The method of display that has been selected will remain greyed out until another zone is selected or the shared view is cleared.



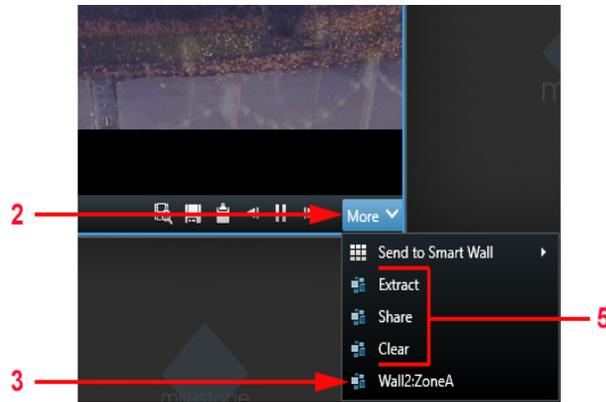
It is recommended that the Single Zone Selection dialogue is used when only a single zone is required to display your content. If more than one zone is required, the [Multizone Selection](#) dialogue is recommended as it enables the user to quickly select the required zones offering more user flexibility.

# View Item

A View Item is a single window within a View (1). Each View Item has a toolbar (2) allowing the user to launch the View Item to a specific wall and zone.



To select a zone on which to display a specific View Item, open the Single Zone Selection dialogue by clicking on the More menu on the View Item toolbar (2) and selecting the Zone Selection dialogue (3).



Select a zone on which to display your view (4) then choose the required method of display or clear the current content from a Zone.(5)

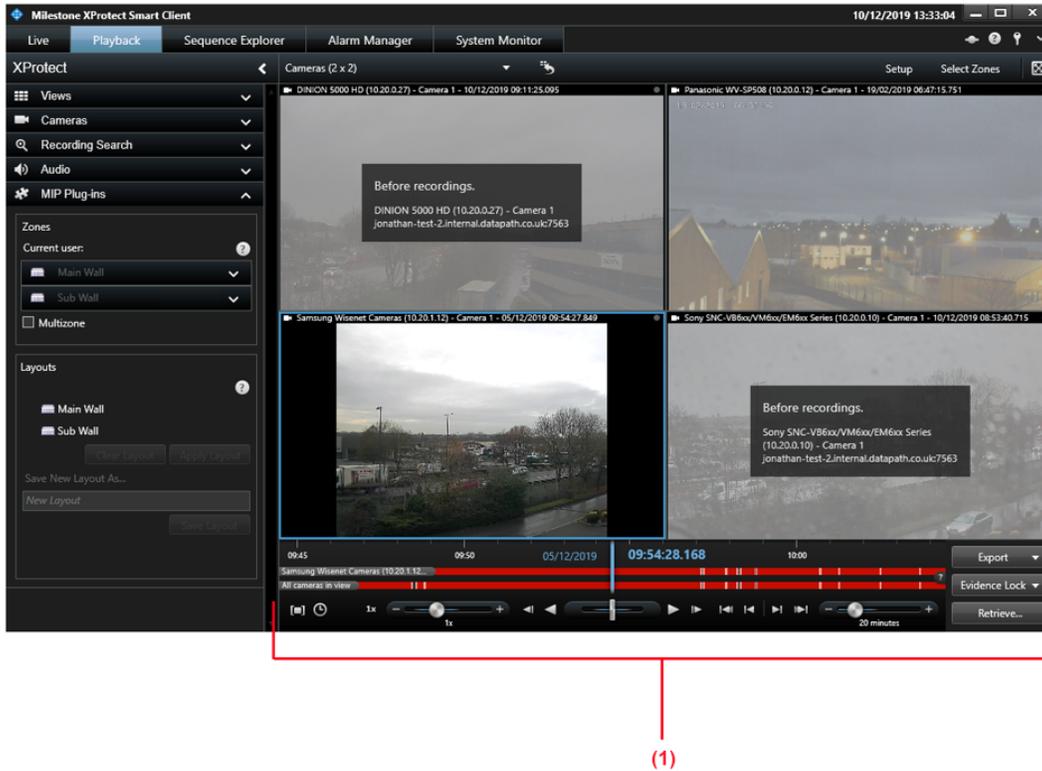
It is recommended that the Single Zone Selection dialogue is used when only a single zone is required to display your content. If more than one zone is required, the [Multizone Selection](#) dialogue is recommended as it enables the user to quickly select the required zones offering more user flexibility.

**Note:**

***The Track method of displaying content is not available for a View Item, only a whole View can be tracked.***

# Playback

The Playback tab enables a user to select a captured stream from a particular point in time.



The cameras displayed on the wall will reflect the cameras, and their times, as shown in the XProtect Smart Client. If paused, there will be a paused camera stream on the wall (showing the same time slice.)

**Note: Playback windows are not frame synchronised between the XProtect Smart Client and the wall, however the timings will be close.**

When a user moves around within the recording time line, the cameras displayed on the wall will show the corresponding points in time.

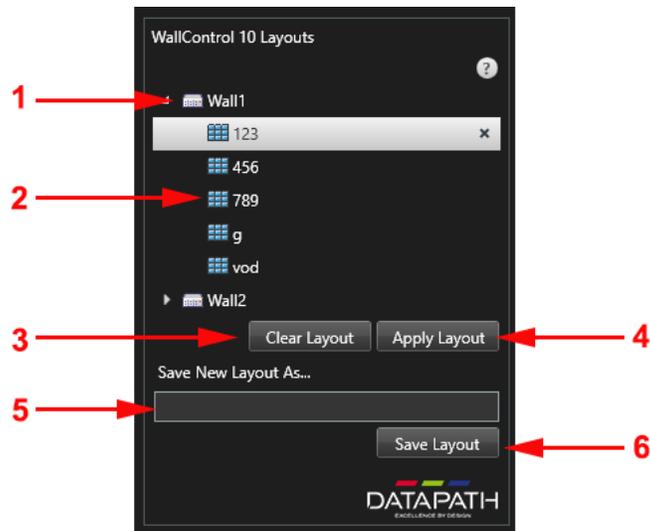
When a recording is played, from any set point on the time line, the cameras on the wall will play the recording from that same point in time.

Slow Motion /Fast forward from the XProtect Smart Client is supported on the wall with close synchronisation, however Rewind is not supported between the XProtect Smart Client and the wall. If the Rewind button is activated, the wall representation will behave as if paused until further playback actions are performed on the XProtect Smart Client.

## WallControl 10 - Layouts

The WallControl 10 For Milestone XProtect can launch layout files created in WallControl 10 and the XProtect Smart Client. When creating layouts in WallControl 10 it is recommended that any templates used to assist in the creation of a layout be removed prior to the layout being saved.

The "Layouts" panel displays a list of all walls available to the XProtect Smart Client **(1)**. Expand the wall either by clicking on the adjacent arrow or double clicking on the wall to reveal the layouts associated with the wall **(2)**



### Creating New Layouts

A layout is a copy of an entire wall which can be created and saved for future use.

To create a layout using WallControl 10 for Milestone XProtect, display the Views or View Items using your preferred method, either [Extract, Share or Track](#) onto the required Zones. The [WallControl 10 - Zones](#) panel will show that the View or View Item is current being shared.

Enter a name in the Save New Layout As... edit box **(5)**. Note that the edit box will not become active until a wall has been selected.

Once the layout name has been entered, click on the Save Layout button **(6)** and the layout will be presented in the list of layouts associated with the wall.

**Note:**

***The ability to create and save new layouts will depend on the User Rights Access set up in Milestone. If a user does not have user rights, the function buttons are not active.***

Layouts created in WallControl 10 for a specific wall are also presented in the list of available layouts.

## **Applying a Layout**

To apply a layout to a wall select the layout and click on Apply Layout **(4)**, alternatively double click on the layout icon. The layout will launch and overwrite any View, View Item or Layout currently being displayed on the wall.

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