

A Basic Guide to Using Surveillance Station NVR CCTV System

Surveillance Station is professional Network Video Recording (NVR) software bundled with DiskStation Manager (DSM), allowing you to remotely record and monitor video footage from IP cameras which are paired with your DiskStation, watch live view videos, set up scheduled recording, playback recorded events via web browser or mobile device for remote monitoring so as to safeguard your home or office environment

To launch Surveillance Station, do either of the following:

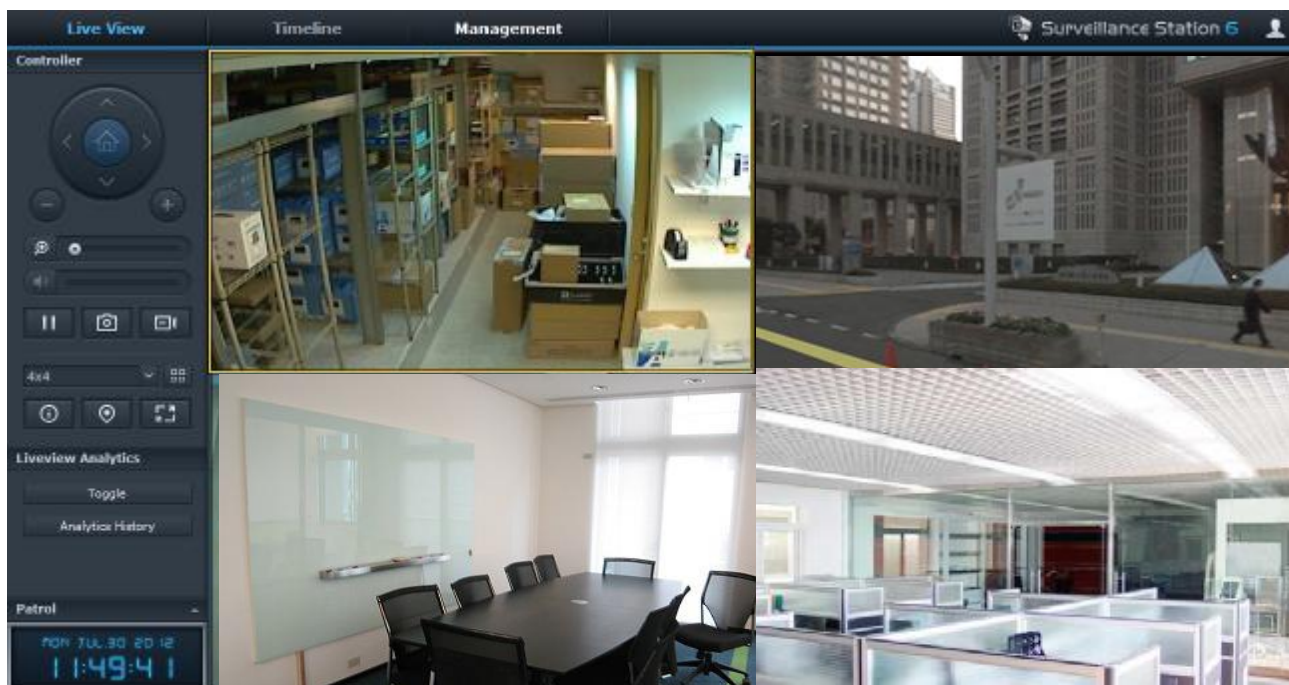
- Go to **Main Menu** and click **Surveillance Station**.
- Type Synology DiskStation's IP address or server name or domain name plus a colon and the customised port number (e.g. <http://192.168.1.150:5000>) in the address bar of your web browser. Press "Enter" (Windows) or "Return" (Mac) on your keyboard.
- Surveillance Station will be launched in a new browser window.

Watch Live View

In the **Live View** page, you can watch live feeds up to 49 channels, take snapshot and adjust camera angle via PTZ (Pan/Tilt/Zoom), e-map, manual recording, video analytics, or analytics history. You can also customise your own channel layout to fit your different surveillance scenarios and deployment.

Live view Analytics lets you track targets during live viewing and recording. You can choose from several analytic types for your IP cameras, and track suspicious events intelligently to trigger smart recording on-the-fly. Each recorded session is archived in an organised fashion for analysis. A simulation mode ensures accurate tuning so you can adjust sensitivity, detection zone, and object size to deliver the best result for individual cameras.

For detailed instructions, click the figure icon at the top-right corner and then click **Help**.



Configure Layout

DSM **admin** (or a user belonging to the **administrators** group) and users with the **manager** privilege can configure layout setting. To customise the layout of camera live views and apply an e-map to for specific layout, click the **Configure** button.

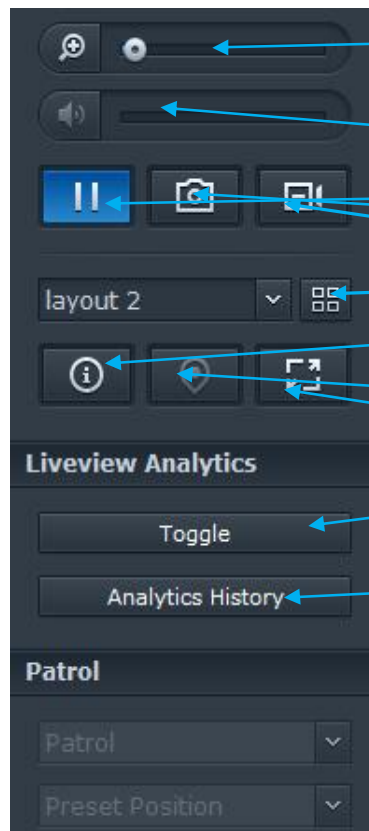
For more information, click the figure icon at the top-right corner, click **Help**, go to **Live View > Monitor Live Views**, and refer to the **Layout Management** section.

Use PTZ Control

If your camera has PTZ (pan/tilt/zoom) support, you can select a camera and use the **Controller** panel to adjust the camera's direction. Clicking on the home button will restore the camera back to its original position. If you have selected a camera with partial PTZ support, the unsupported functions on the **Controller** panel will be grayed out.

Use Other Functions

On the **Live View** page, you can also use the following functions.



- 1 To digitally zoom in and out, drag the zoom bar or place the mouse over the live view of a selected camera and then scroll the mouse. You can also zoom digitally by using the scroll button on your mouse, and move by dragging the picture.
- 2 To adjust volume, drag the volume bar.
- 3 To pause or resume the playback, click this button.
- 4 To save the current image, click **Snapshot**.
- 5 To start manual recording, click **Manual Recording**.
- 6 To configure layout setting, click **Configure**.
- 7 Click **Show information**, and the status for each camera will be displayed on the corner of each live view window.
- 8 To see the corresponding E-Map, click **E-Map**.
- 9 To see the live view in full screen mode, click **Full screen**.
- 10 Click **Toggle** to enable Liveview Analytics on the cameras you want for live viewing
- 11 To playback and see the frequency of Liveview Analytics events, click **Analytics History**.

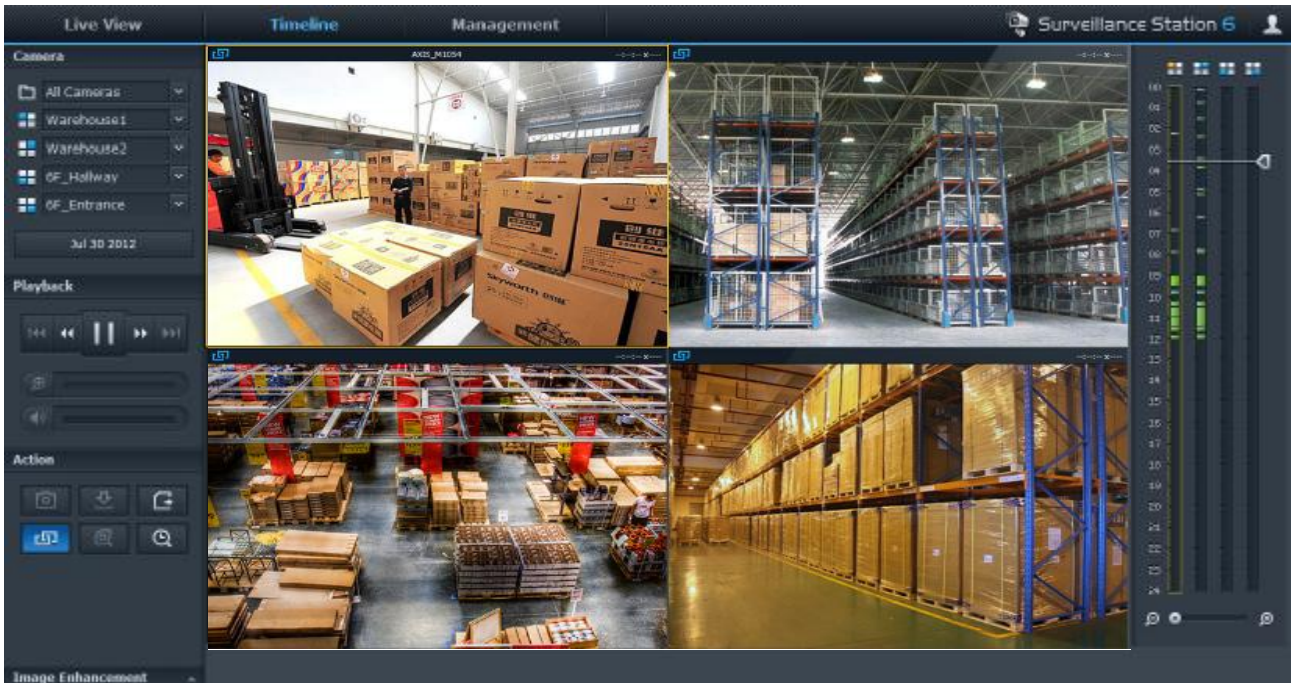
Note: Only cameras whose Liveview Analytics settings have been configured at **Camera List > Advanced > Liveview Analytics** under the **Management** tab can be enabled here. For detailed instructions on Liveview Analytics settings, click the figure icon at the top-right corner and then click **Help**

Note: Non-Internet Explorer browsers support limited functions only.

Work with Timeline

Surveillance Station allows you to locate the actual recorded footage via Timeline and calendar support. The calendar lets you pick any date to show the day's recording. Using Event Timeline, you can easily identify events recorded in different modes, labelled by colour on the timeline.

During an event playback, you can activate Smart Search to track down suspicious targets. Smart Search is an intelligent feature that helps you analyse past event effectively and eliminate any potential false alarms. For more information about Timeline playback, click the figure icon at the top-right corner and then click Help.



Play Events with Timeline

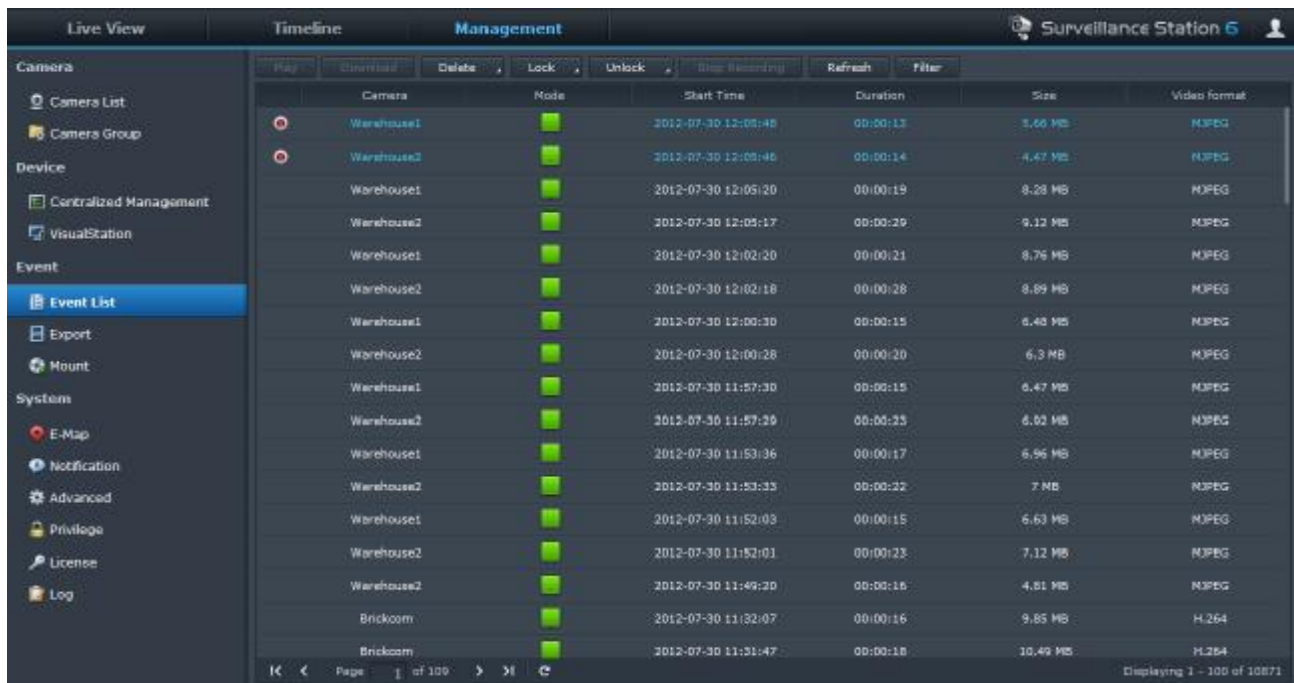
Click the **Timeline** tab to see the timeline page, which offers the Multiple-Event Playback function, which allows you to simultaneously watch events recorded on one day or at the same time by different cameras. All event videos are lined up in the timeline. You can easily find the event you are looking by clicking a specific time on this day or during the hour, and play it with the event player on this page. For more information, click the figure icon at the top-right corner and then click **Help**.

Search for Specific Situations with Smart Search

Click the search icon at the bottom-left corner of the timeline page to enter the **Smart Search** mode. With Smart Search, you can search events for specific situations such as general movement or missing/foreign objects on the screen. If the camera lens was occluded or lost its focus by people trying to avoid surveillance, Smart Search can also help you find out when the situations happened. For more information, click the figure icon at the top-right corner and then click **Help**.

Play and Manage Events

Under the **Management** tab, you can go to **Event > Event List** to browse all recorded events, play them with the Event Player, and delete, lock, filter, or download the video files. For more information about managing events, click the figure icon at the top-right corner and then click **Help**.



Camera	Mode	Start Time	Duration	Size	Video format
Warehouse1		2012-07-30 12:05:48	00:00:13	3.66 MB	H.264
Warehouse2		2012-07-30 12:05:48	00:00:14	4.67 MB	H.264
Warehouse1		2012-07-30 12:05:20	00:00:19	8.28 MB	H.264
Warehouse2		2012-07-30 12:05:17	00:00:29	9.12 MB	H.264
Warehouse1		2012-07-30 12:02:20	00:00:21	8.76 MB	H.264
Warehouse2		2012-07-30 12:02:18	00:00:28	8.89 MB	H.264
Warehouse1		2012-07-30 12:00:30	00:00:15	6.48 MB	H.264
Warehouse2		2012-07-30 12:00:28	00:00:20	6.3 MB	H.264
Warehouse1		2012-07-30 11:57:30	00:00:15	6.47 MB	H.264
Warehouse2		2012-07-30 11:57:29	00:00:23	6.82 MB	H.264
Warehouse1		2012-07-30 11:53:36	00:00:17	6.96 MB	H.264
Warehouse2		2012-07-30 11:53:33	00:00:22	7 MB	H.264
Warehouse1		2012-07-30 11:52:03	00:00:15	6.63 MB	H.264
Warehouse2		2012-07-30 11:52:01	00:00:23	7.12 MB	H.264
Warehouse2		2012-07-30 11:49:20	00:00:16	4.81 MB	H.264
Brickcom		2012-07-30 11:32:07	00:00:16	9.85 MB	H.264
Brickcom		2012-07-30 11:31:47	00:00:18	10.49 MB	H.264

Event Types

All recorded events will be here. The events are displayed with the latest ones on top. The images displayed under **Mode** correspond with the type of recording the event was filmed under.

- § The **gray** icon represents **Continuous Recording**
- § The **blue** icon represents **Manual Recording**
- § The **green** icon represents **Motion Detection Recording**
- § The **orange** icon represents **Alarm Recording**
- § The **green/orange** icon represents **Motion Detection and Alarm Recording**
- § The icon represents the recorded event is being saved right now

Note: Your IP camera must support alarm recording to be able to use **Alarm Recording**. Alarm recording often relates to the IP camera's digital input and output pin, or DIDO. Refer to its datasheet for pin configuration detail. Alarm recording will begin when the IP camera detects an input pin is triggered

Export Events

Go to **Event > Export** under **Management** to export the events. You can export events from Surveillance Station to any shared folder or to an external storage device via USB or eSATA interface. For more information, click the figure icon at the top-right corner and then click **Help**.

Mount Events

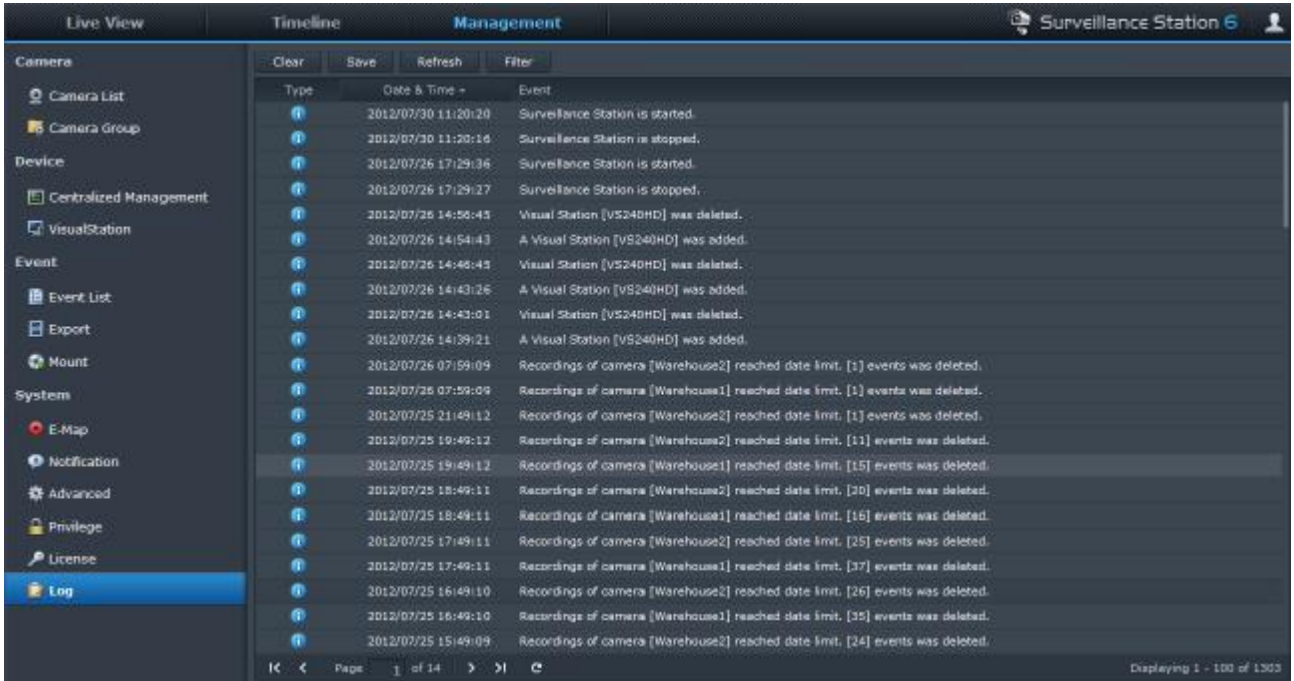
Go to **Event > Mount** under **Management** to mount exported events. You can mount exported archives onto Surveillance Station. The events in the mounted archive can be played in **Event Management** and **Timeline** page. For more information, click the figure icon at the top-right corner and then click **Help**.

Initial Page Setting

You can choose from the drop-down menu to set the initial page after logging in to Surveillance Station.

View Log

Go to **System > Log** under **Management** to view and manage log records of critical events such as camera disconnection or changes on the camera settings. For more information, click the figure icon at the top-right corner and then click **Help**.



Type	Date & Time	Event
Information	2012/07/30 11:20:20	Surveillance Station is started.
Information	2012/07/30 11:20:16	Surveillance Station is stopped.
Information	2012/07/26 17:29:36	Surveillance Station is started.
Information	2012/07/26 17:29:27	Surveillance Station is stopped.
Information	2012/07/26 14:58:45	Visual Station [VS240HD] was deleted.
Information	2012/07/26 14:54:43	A Visual Station [VS240HD] was added.
Information	2012/07/26 14:48:45	Visual Station [VS240HD] was deleted.
Information	2012/07/26 14:43:26	A Visual Station [VS240HD] was added.
Information	2012/07/26 14:43:01	Visual Station [VS240HD] was deleted.
Information	2012/07/26 14:39:21	A Visual Station [VS240HD] was added.
Information	2012/07/26 07:59:09	Recordings of camera [Warehouse2] reached date limit, [1] events was deleted.
Information	2012/07/26 07:59:09	Recordings of camera [Warehouse1] reached date limit, [1] events was deleted.
Information	2012/07/25 21:49:12	Recordings of camera [Warehouse2] reached date limit, [1] events was deleted.
Information	2012/07/25 19:49:12	Recordings of camera [Warehouse2] reached date limit, [11] events was deleted.
Information	2012/07/25 19:49:12	Recordings of camera [Warehouse1] reached date limit, [15] events was deleted.
Information	2012/07/25 18:49:11	Recordings of camera [Warehouse2] reached date limit, [20] events was deleted.
Information	2012/07/25 18:49:11	Recordings of camera [Warehouse1] reached date limit, [16] events was deleted.
Information	2012/07/25 17:49:11	Recordings of camera [Warehouse2] reached date limit, [25] events was deleted.
Information	2012/07/25 17:49:11	Recordings of camera [Warehouse1] reached date limit, [37] events was deleted.
Information	2012/07/25 16:49:10	Recordings of camera [Warehouse2] reached date limit, [26] events was deleted.
Information	2012/07/25 16:49:10	Recordings of camera [Warehouse1] reached date limit, [35] events was deleted.
Information	2012/07/25 15:49:09	Recordings of camera [Warehouse2] reached date limit, [24] events was deleted.

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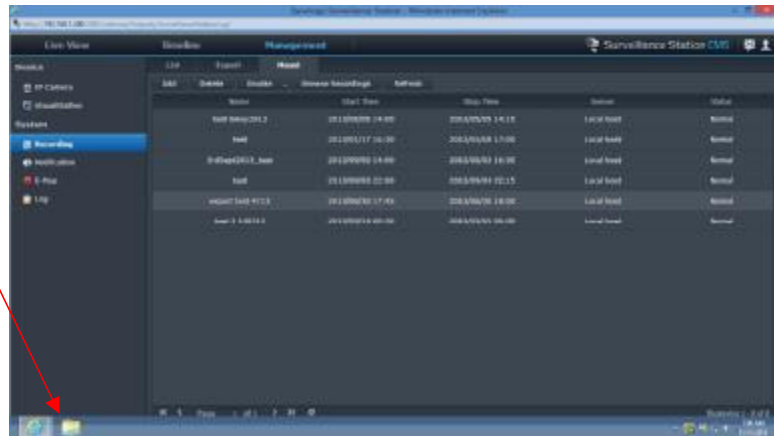
26 Coolibah Crescent Bayswater Victoria 3153
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E-mail: cctvaust@bigpond.net.au

Telephone: 03 9720 1066
Facsimile: 03 9720 1088
ABN: 93 742 934 581

Transferring footage to CD/DVD using Windows 8

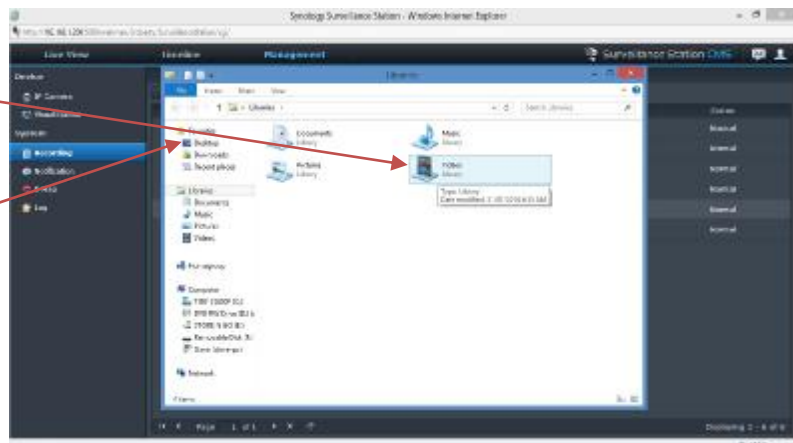
The following procedure is the simplest method for transferring save footage to an external media such as CD or DVD

From the desktop click here
using the left mouse button
(This is "File Explorer")



This window will open and you should be able to easily find the folder where you saved the footage to be transferred to DVD.

This should be in a folder
called "Videos". When you
click on this icon you should
the sub folder called "Saved
Videos"



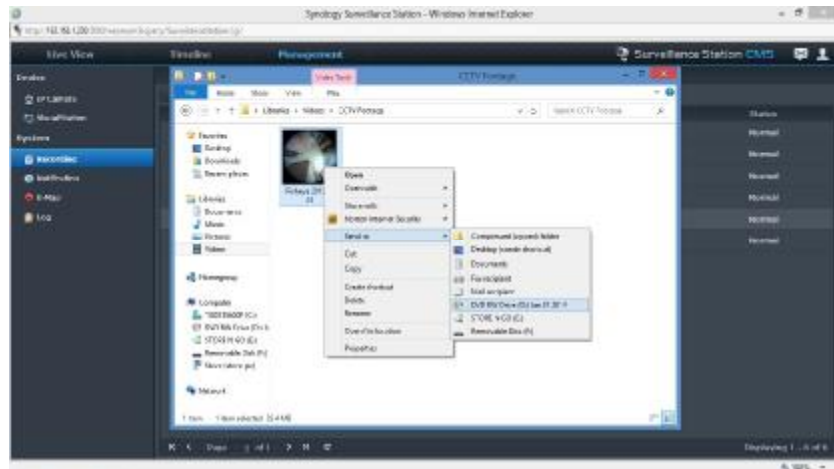
If the file location is not
immediately apparent, there
should be a "short cut"
from the desktop and can be
found here

Visualise Your Security Needs

When the file(s) to be transferred have been located they can be selected by “left clicking”

Once selected, a “right click” will open up the option illustrated.

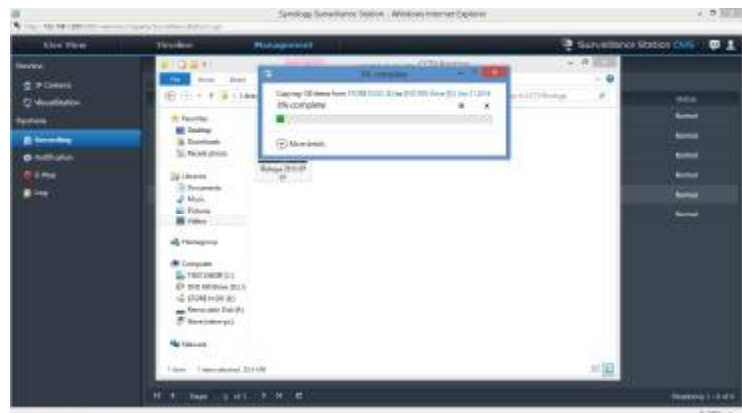
Select “send to DVD RW Drive”.



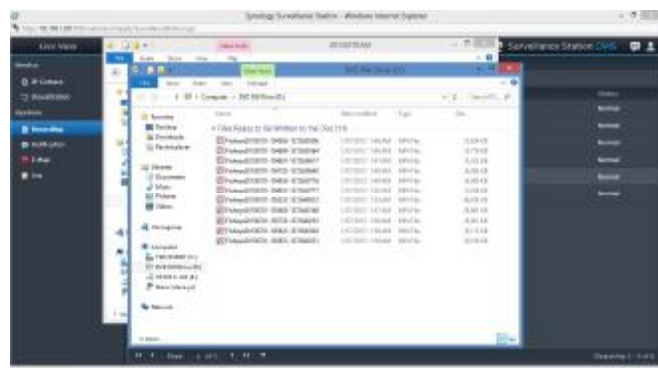
Note:

- To select a series of files, select the first file of the series (left click) then press and hold the “shift key”, then select the last file in the series (left click again). The same options then apply when a right click is performed.
- Selecting only certain files is a similar process except the “Ctrl” key is used. This time only the individual files selected will be highlighted
- if no disc is inserted the DVD drive door will open – insert a DVD and then select “Burn files to DVD”

Files will be copied to DVD.



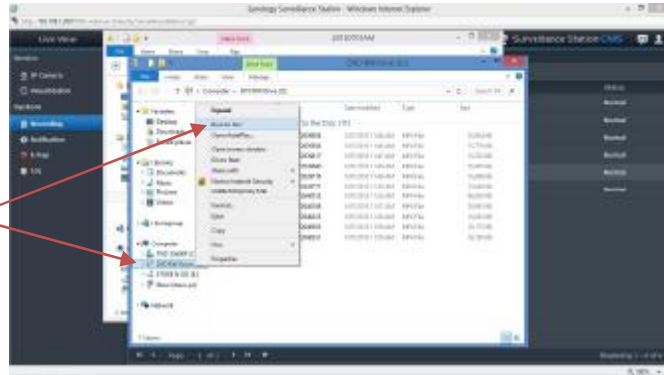
On some computers, if multiple files are selected and copied to DVD the process can vary slightly...
A message “files ready to be written to the disc” is displayed.



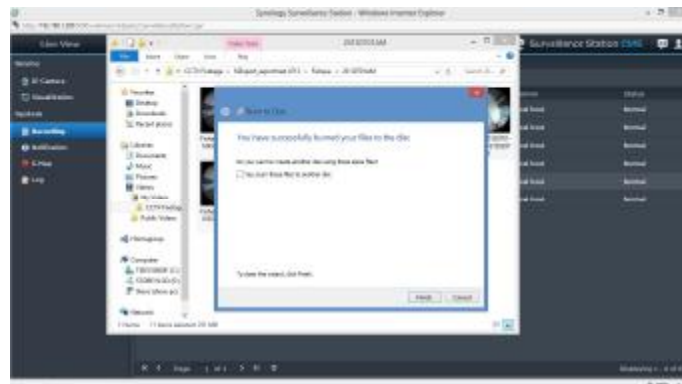
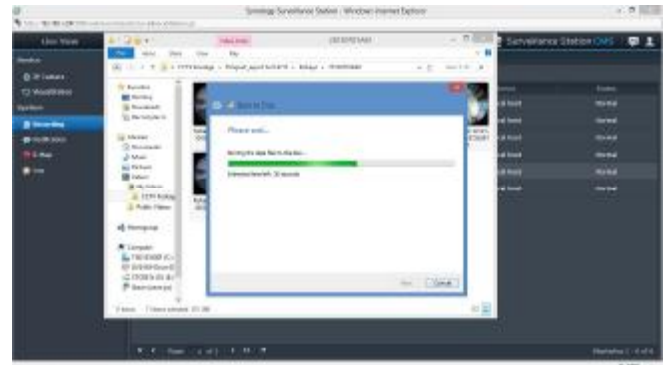
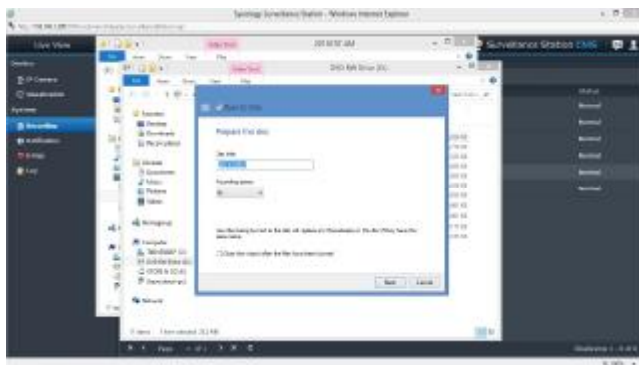
Visualise Your Security Needs

If this is the case, right click on the DVD icon on the LHS of the window

Then select "Burn to disc"



The following windows will then be seen... follow the prompts and click next



The MPG4 files will not usually play on a "DOJ" computer but will work with most normal computers, laptops, DVD players, televisions and media players etc.

If this process is unsuccessful please contact

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