

MOMENTUM
technologies solutions



M-VIEW USER GUIDE

WEB CONSOLE 4.5.1

VIEWER GUIDE

08/10/2010

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1. WEB CONSOLE HOMEPAGE

The Web Console homepage is the entry point for all m-View account holders and also for video sessions that are broadcast for “public” viewing.

The Web Console is located at <http://www.mview.com.au>. If you have an internally hosted m-View account, your IT administrator will provide you with the address for the m-View Web Console.

The homepage is split into four main sections:

- A. The Web Console menu tabs
- B. Welcome text
- C. Account login area (for m-View clients)
- D. Access to view “public” pages

Access the main menu tabs.



Enter your user name and password and then click **Login** to go to your m-View account.

Enter the broadcaster’s user name and click **Submit** to view a “public” video stream.

Welcome text.

Figure 1. Web Console homepage

1.1. WEB CONSOLE MENU

From the Web Console menu you can access different areas of the site. Once you're logged in, the following tabs are available:

- **HOME** — return to the Web Console homepage.
- **DASHBOARD** — gives you access to live broadcasts and archived footage for everyone in your organisation.
- **MY PROFILE** — view full details of your personal videos, snapshots, uploaded photos, data usage and account information.
- **SEARCH** — search for a specific video stream.
- **CONTACT US** — view Momentum's contact details, including support contacts.

1.2. ACCOUNT LOGIN

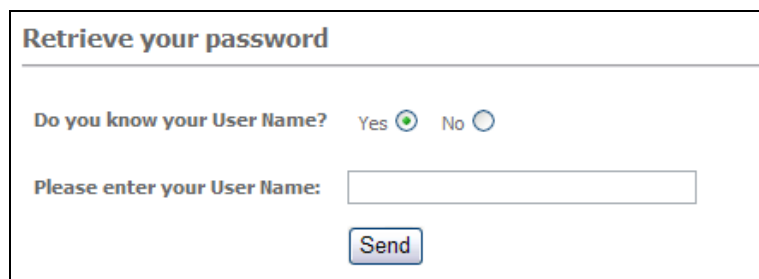
Login to your account from the Account Login section of the Web Console homepage.

1. Enter your account user name and password into the appropriate fields.
2. Click on the **Login** button.

1.2.1. FORGOT YOUR PASSWORD?

Use the **Forgot your password** link to retrieve your account password via your registered email address as shown below (Figure 2).

Enter your user name or email address in the text box and then press the **Send** button to receive your password via your email.



Retrieve your password

Do you know your User Name? Yes No

Please enter your User Name:

Send

Figure 2. Password Retrieval

When you receive the email, login with the password provided. A dialogue box will appear requesting that you change your password. Enter a new password and then confirm that password. A dialogue box will appear letting you know that your password has been successfully changed. Click **OK**.

Once logged in, a **Logout** link (**Error! Reference source not found.**) will be displayed in the top right corner of the web page.



Figure 3. Web Console logout

The Account Login area will not be accessible again until you have logged out using the **Logout** button.

2. DASHBOARD

The Dashboard gives you access to all the live broadcasts and archived footage for your organisation, summarising your broadcasts as well as those of other registered users.

There are two tabs within the Dashboard — **Live Feeds** and **Organisation Recordings**.

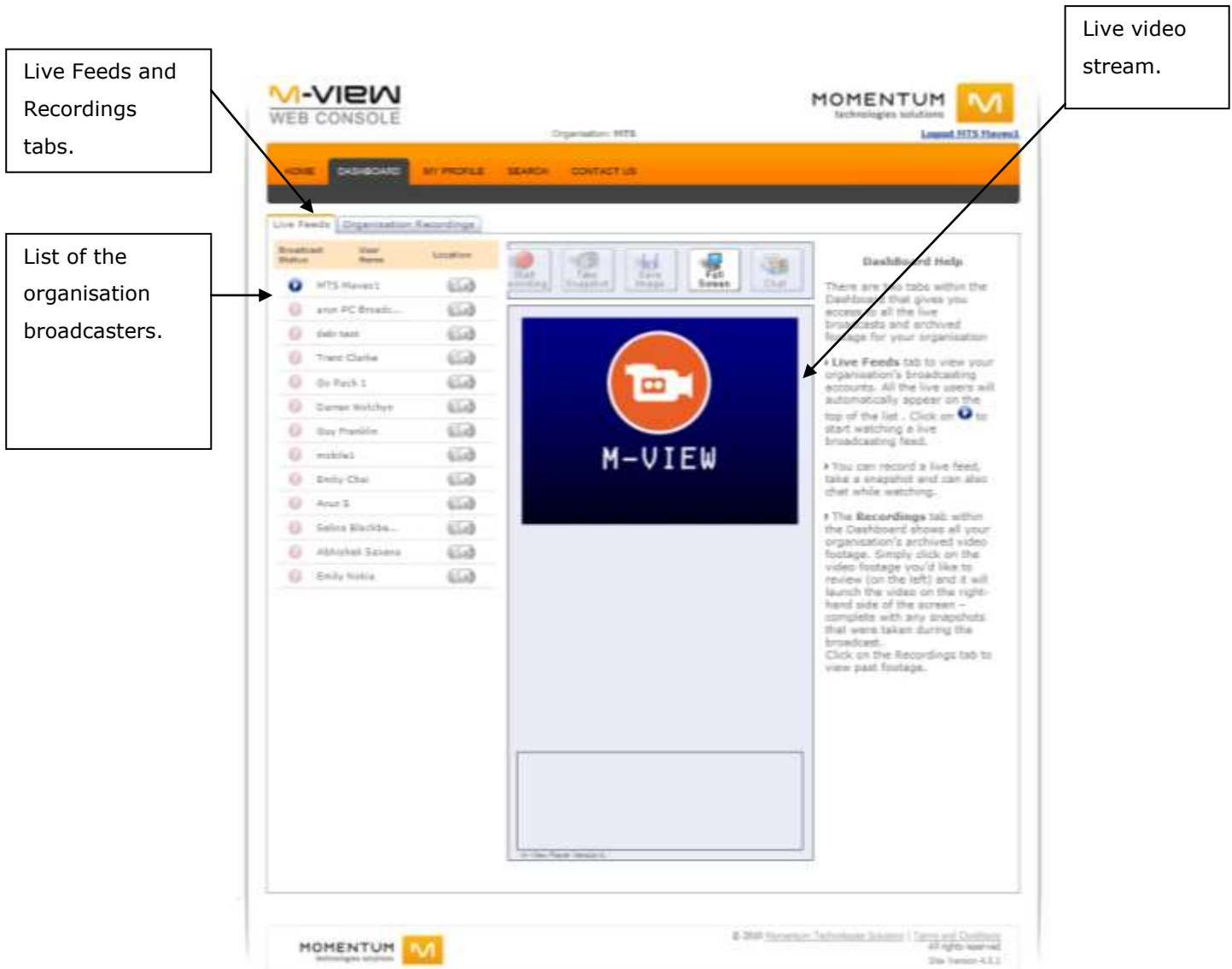




Figure 4. The Dashboard


2.1. LIVE FEEDS

The Live Feeds page displays your organisation's broadcast accounts. For each user/broadcaster the following information is displayed:

- **Broadcast Status:** Broadcasting or idle.
- **User Name:** Display name, e.g. MTS Maveo1, darrenxy, etc.
- **Location:** The camera's GPS location.

The Broadcast Status column indicates which users, if any, are broadcasting.

-  Indicates that the user is currently broadcasting.
-  Indicates that the user is *not* broadcasting.

To view the broadcast of a live account, click the blue play button  beside the username.

All live broadcasts will automatically appear at the top of the list.

To monitor live video of all accounts stay on the Dashboard/Live Feeds page. If you are logged in as a broadcast account, you will be able to go the **My Profile** tab for more details of your own account including saved videos, snapshots, photos and usage history.

2.2. LIVE VIEWING CONTROL

Once a live viewing commences there are several controls available to the viewer (dependant on the user's permissions).

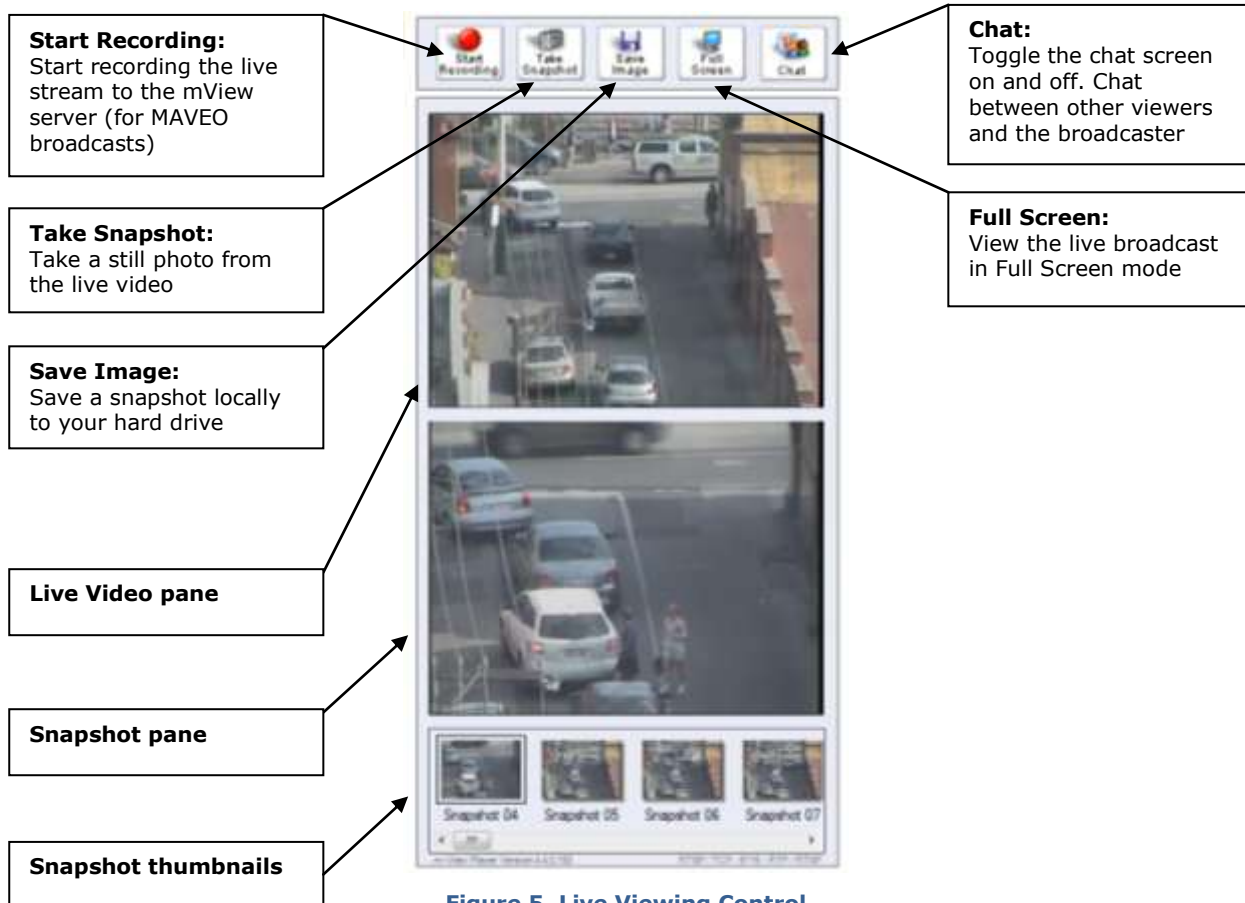


Figure 5. Live Viewing Control

2.2.1. STARTING A RECORDING

Every broadcast can be recorded on the m-View Server. This can be configured to be set from the broadcasting device by default.

All m-View Mobile broadcasts are recorded by default; however the MAVEO system is a special case where you can initiate an m-View recording from the Web Console. While viewing the live broadcast simply click on the **Start Recording** button.

Note: The ability to start a recording is a user access permission that is set by your Administrator.

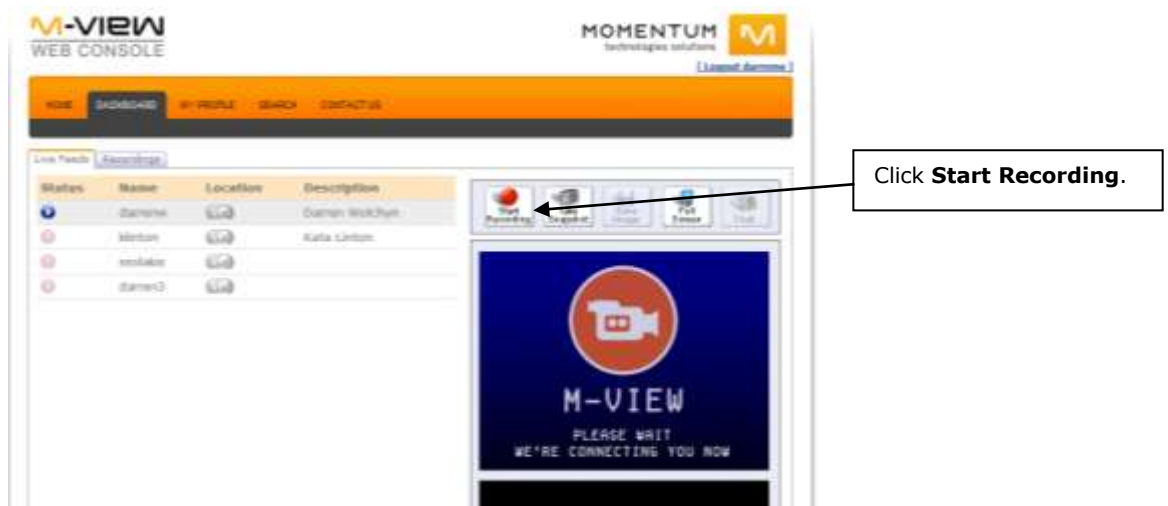


Figure 6. Instigating a recording

2.2.2. STOPPING A RECORDING

Click on the **Stop Recording** button to end the recording. A popup box will prompt for the entry of details for the recording. The recording can also be discarded at this point if desired.

Note: Name and Description are compulsory fields for saving a recording.

Select the "Private" check box to only allow access to the recording by authorised users (with login details).

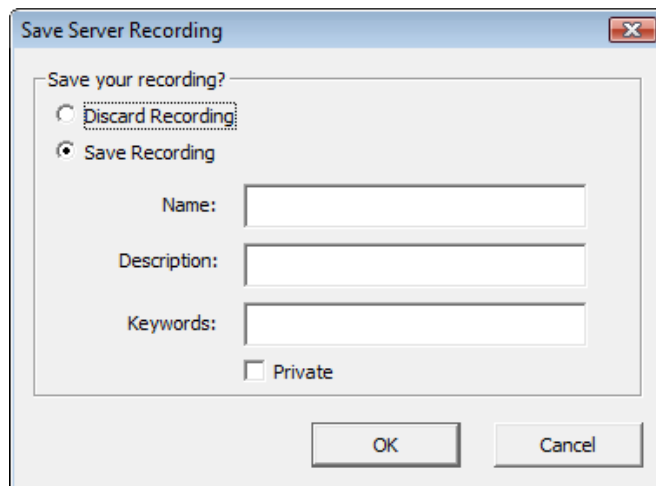


Figure 7. Recording details

2.3. ORGANISATION RECORDINGS

The Organisation Recordings tab within the Dashboard shows your entire organisation's archived video footage. Simply click on the video footage you would like to review and it will launch on the right-hand side of the screen – complete with any snapshots that were taken during the broadcast.

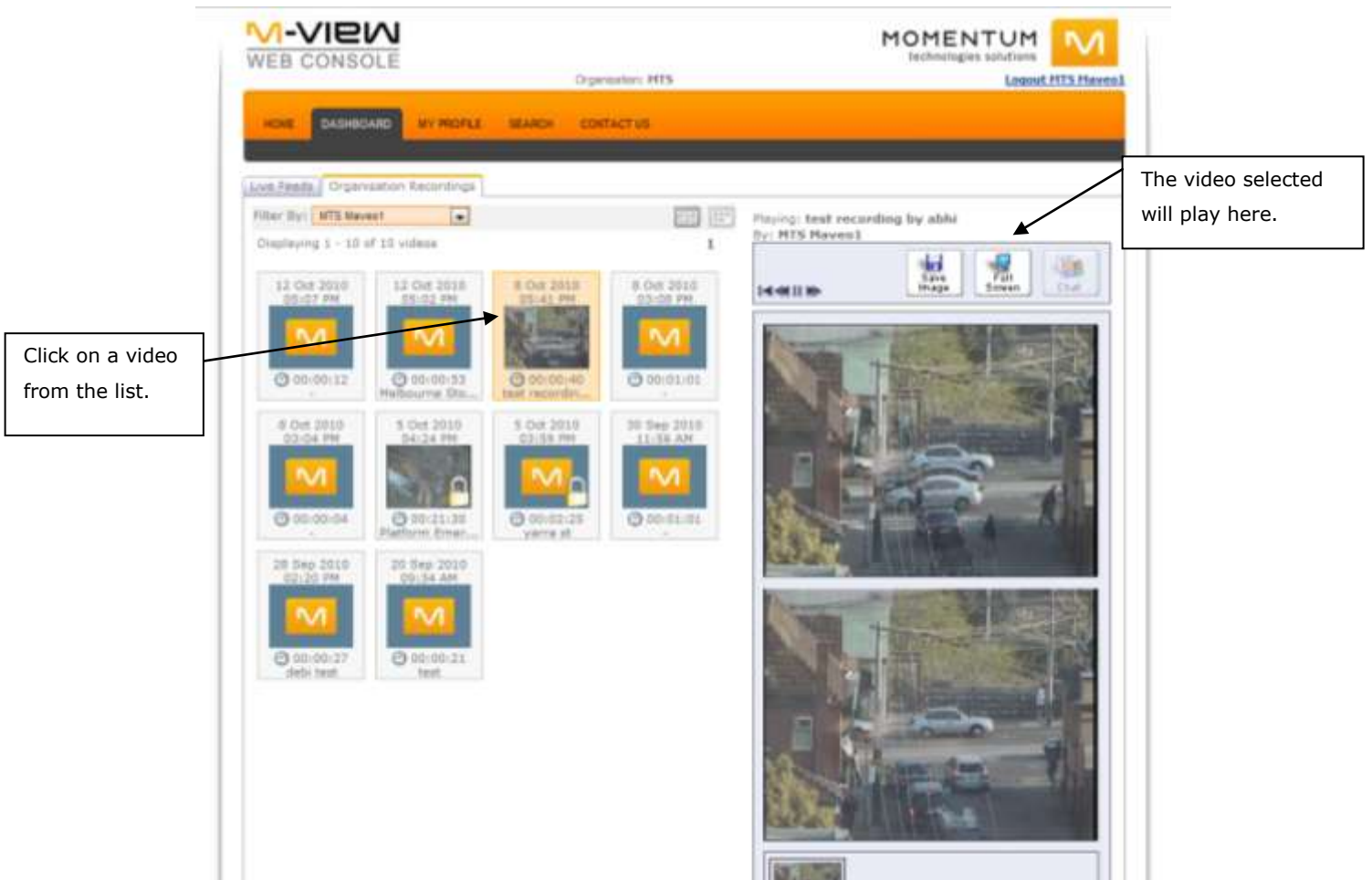


Figure 8. Recordings page from the Dashboard (thumbnail view)

The stored details for the videos are:

- Name
- Description
- Tags (if entered)
- Creation time and date.

2.3.1. LISTING OPTIONS

Filter the displayed videos by selecting the drop down menu.

- "All" displays videos from all users in the Organisation.
- Select a user to show videos recorded by that account.

Select for Grid View

Select for Gallery View

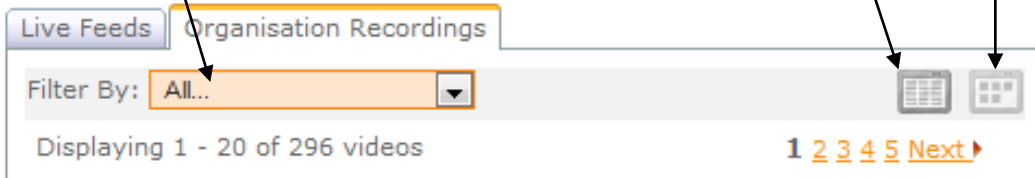


Figure 7: Listing Options

From the Gallery View you are able to download the files directly by hovering over the arrow image as shown below. You have the choice to download the file in the native m-View file format or standard MPEG-4 format.

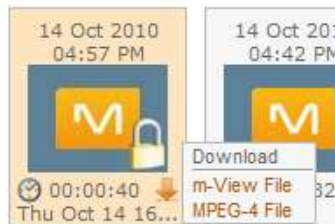


Figure 9. Gallery View features

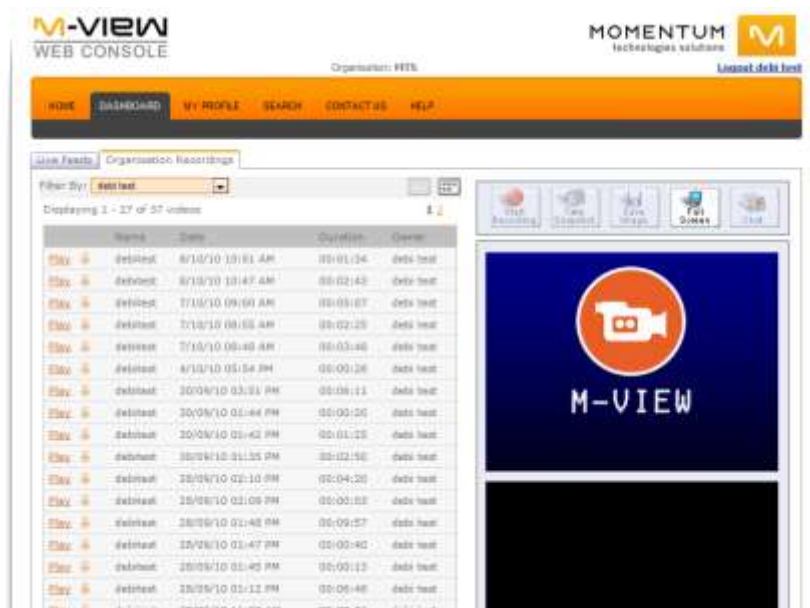


Figure 10. Recordings page (List View)

3. MY PROFILE

3.1. MY PROFILE

The **My Profile** page is the personal page for a logged in account. This page displays the live video stream of a logged in user and six most recently saved videos and snapshots.

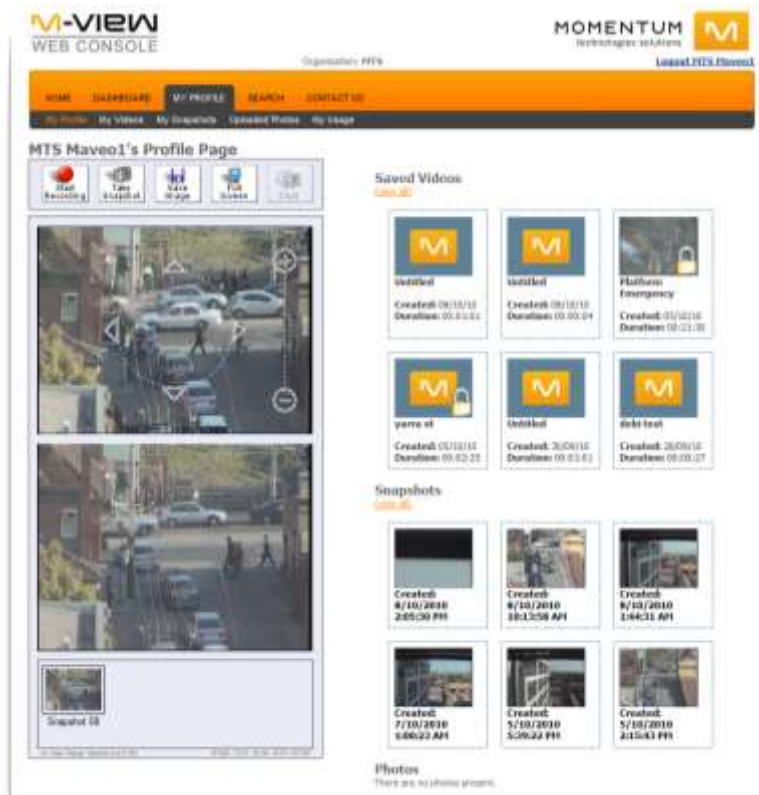


Figure 11. My Profile page

This page contains six different sections, accessible from the sub menu. The six tabs are:

- **My Profile** — the default page, which includes viewing current live video, and recently saved videos, snapshots, and photos.
- **My Videos** — displays all of your videos.
- **My Snapshots** — displays all of the snapshots taken (by you or your viewers) during your video broadcasts.
- **Uploaded Photos** — displays any photos you've uploaded in "offline" mode from m-View Mobile.
- **My Usage** — gives you full details of your data usage by month, including a breakdown of each broadcasting session.
- **My Details** — view and edit your personal details, including your mobile phone, email address, etc. (**Note:** Some details are only editable by your Administrator.)

3.1.1. PLAYING SAVED VIDEOS

To review videos saved on the m-View Server, simply click the desired video from either the default **My Profile** page (which displays the last six saved videos) or from **My Videos** (which displays all your saved videos). The video and any related snapshots will launch in your browser, along with information on the video.

3.2. MY VIDEOS

In this area of **My Profile**, you'll find all your saved videos listed in thumbnail format in chronological order with the most recent video first.

To view a video simply click on the relevant thumbnail image. This launches the video player.

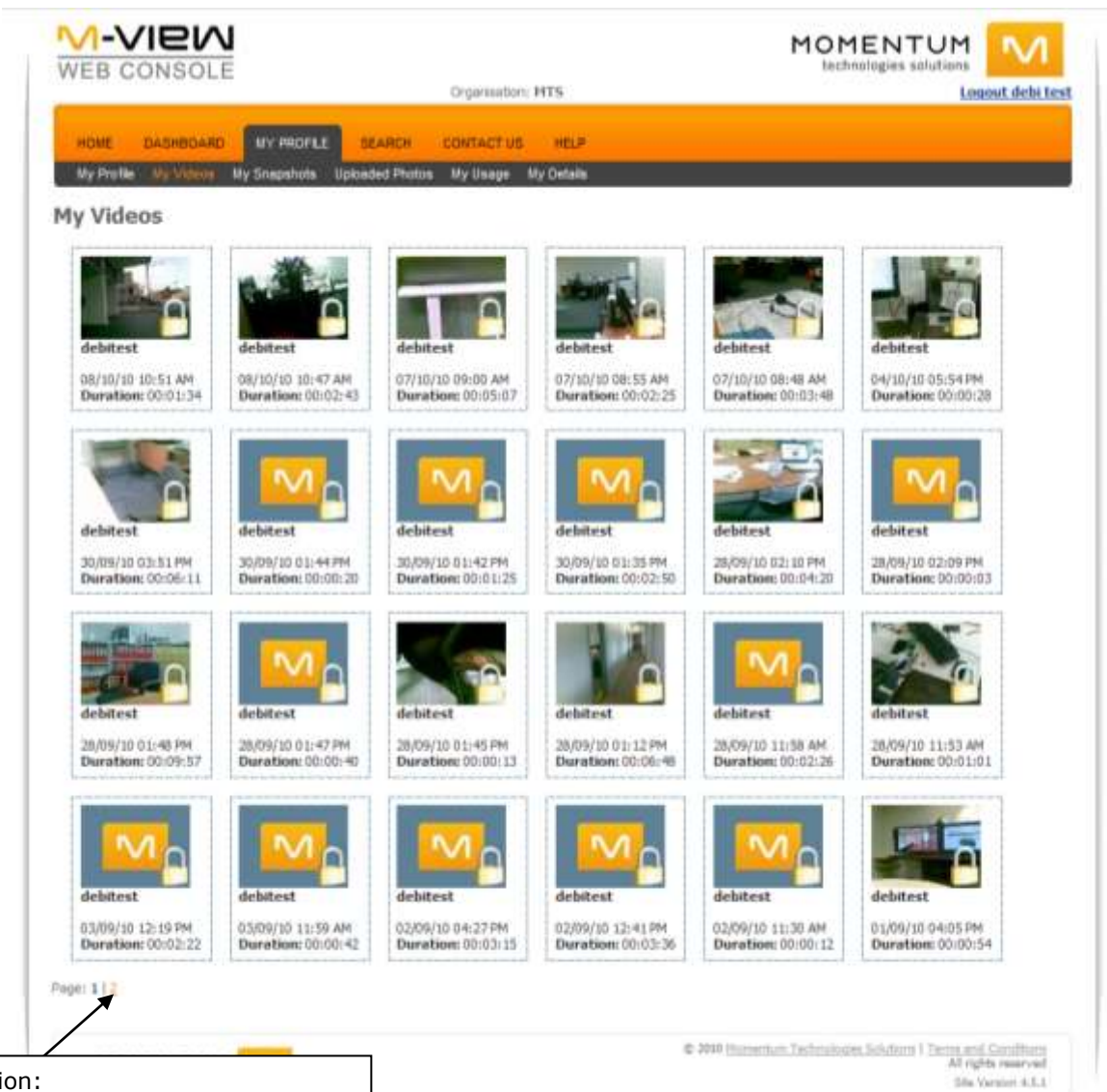


Figure 12. My Videos page

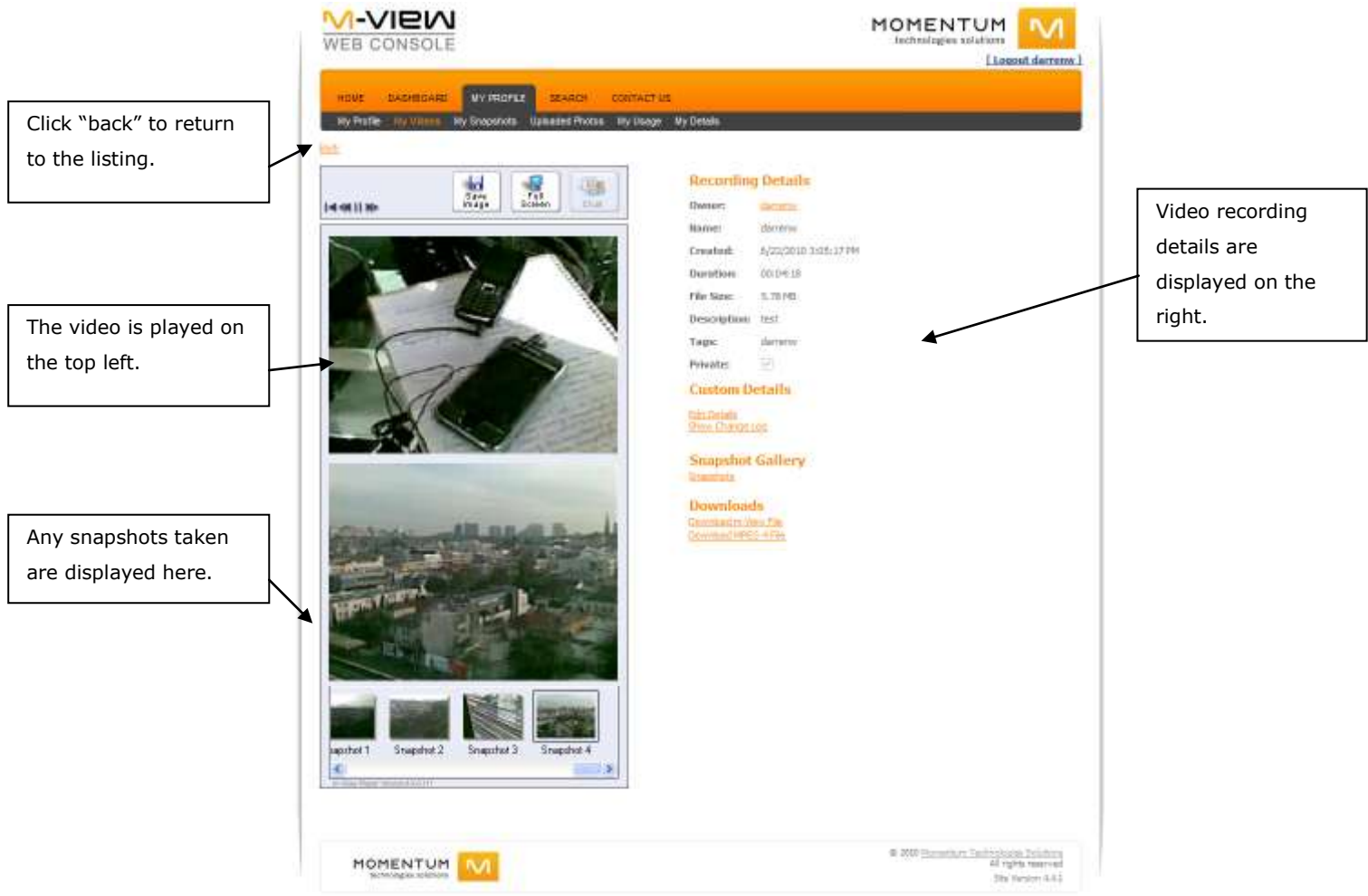


Figure 13. Reviewing a video

3.2.1. RECORDING DETAILS

The right-hand side of your screen will include a variety of details about the video, including:

- **Owner** – broadcaster username
- **Name** – editable saved file name
- **Created** – the date and time the video was created
- **Duration** – length of the broadcast
- **File size** – size of the saved file
- **Description** – an editable description of the file
- **Tags** - editable further information to save against the video
- **Private** or public broadcast – editable indicator of whether the file is a private or public broadcast. Private is the default setting which only allows viewers within your organisation to view the video. Public videos can be viewed by anyone in the general public that has been given the mView URL and your account name.

3.2.2. CUSTOM DETAILS

Your organisation administrator has the capability to add custom metadata fields to your saved files e.g. you may wish to record a job number against each recording. Your Administrator would create a Custom Field called "Job #". This would then be listed under Custom Details for each video for you to edit.

3.2.3. SNAPSHOT GALLERY

Clicking on "Snapshots" will take you to the Snapshot Gallery for the video (a listing of all snapshots taken throughout the broadcast).

3.2.4. DOWNLOADS

Clicking either link will save the video locally in the relevant format.

Download m-View File: The m-View file will allow you to replay the video with synchronised audio, snapshots, and chat, however you will need the standalone m-View Player software to replay the file locally.

Download MPEG-4 File: The MPEG-4 file will allow you to replay the video with audio only, however many standard media players can be used to replay the file locally.

3.2.5. EDITING RECORDING ATTRIBUTES

Click **Edit Details** in the Recording Details area. Once the fields are in edit mode (Figure 6), simply enter or change the detail for the relevant parameter then click **Save Changes**.

Note: The ability to edit a recording's attributes is a user access permission that is set by your Administrator.



Figure 14. Edit Details link

Once you've clicked on the **Edit Details** link, enter in any changes and then click **Save Changes**. You can also click **Cancel** at this stage.

Recording Details

Name:

Created: 4/9/2010 5:24:25 PM

Description:

Tags:

Private:

Custom Details

test:

[Save Changes](#) | [Cancel](#)

Figure 15. Edit mode

3.3. MY SNAPSHOTS

In this area of **My Profile**, you'll find all the snapshots taken during your video broadcasts.



Figure 16. My Snapshots Listing

Click on the snapshot to view the snapshot gallery including full details:

Gallery Details (taken from the Saved Video details) (only editable from the Saved Video view):

- **Owner** – broadcaster username
- **Name** – editable saved file name
- **Created** – the date and time the Snapshot Gallery was created
- **Description** – an editable description of the Snapshot Gallery

Snapshot Details:

- **Caption** – a caption for the selected Snapshot
- **Timestamp** – the date and time the selected Snapshot was taken

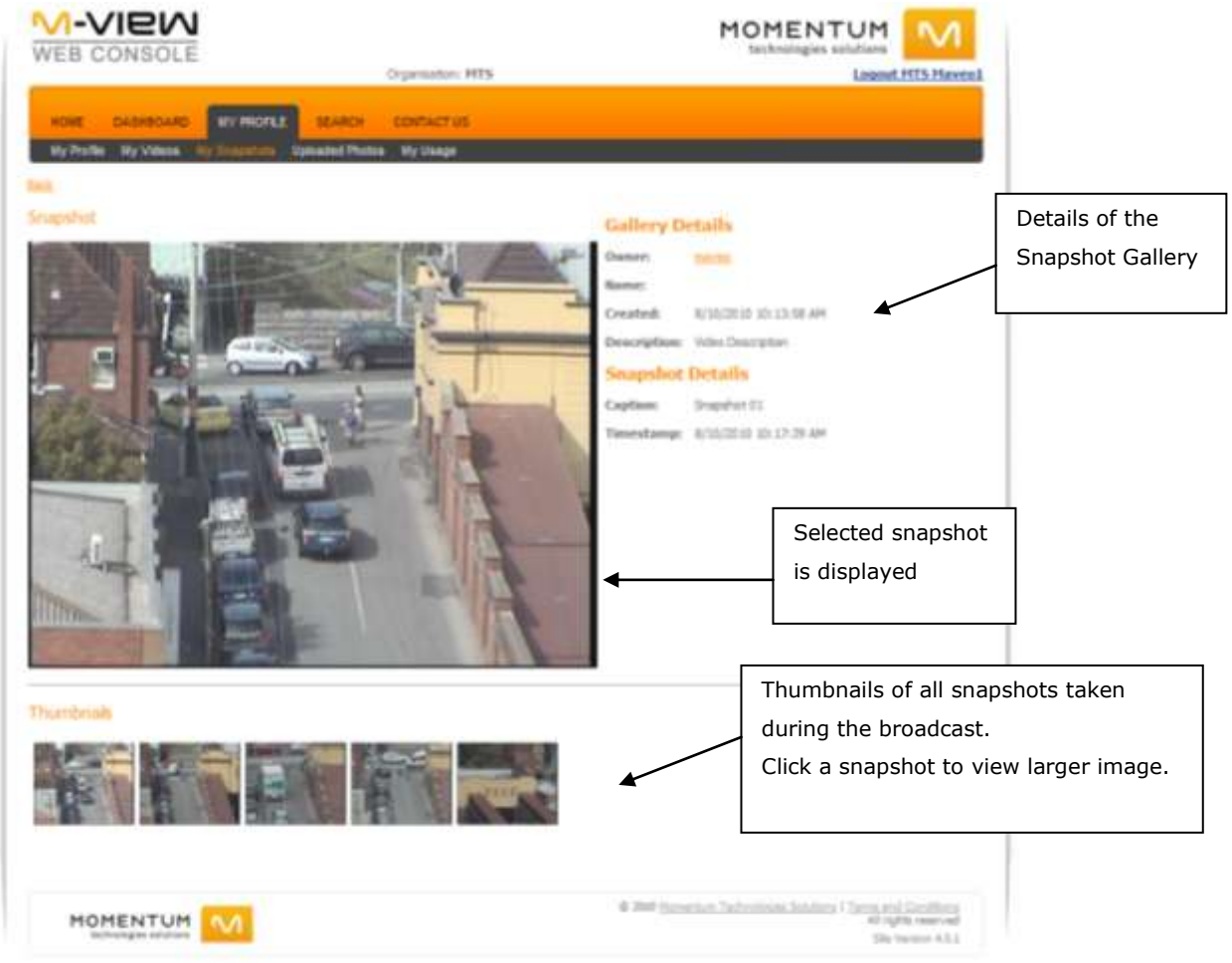


Figure 17. Full Snapshot detail

3.4. UPLOADED PHOTOS

In this section of My Profile you'll find any photos you've uploaded through m-View Mobile's Upload Photo facility (independently of a video broadcast session). Click on the thumbnail of the desired photo to view a larger version.

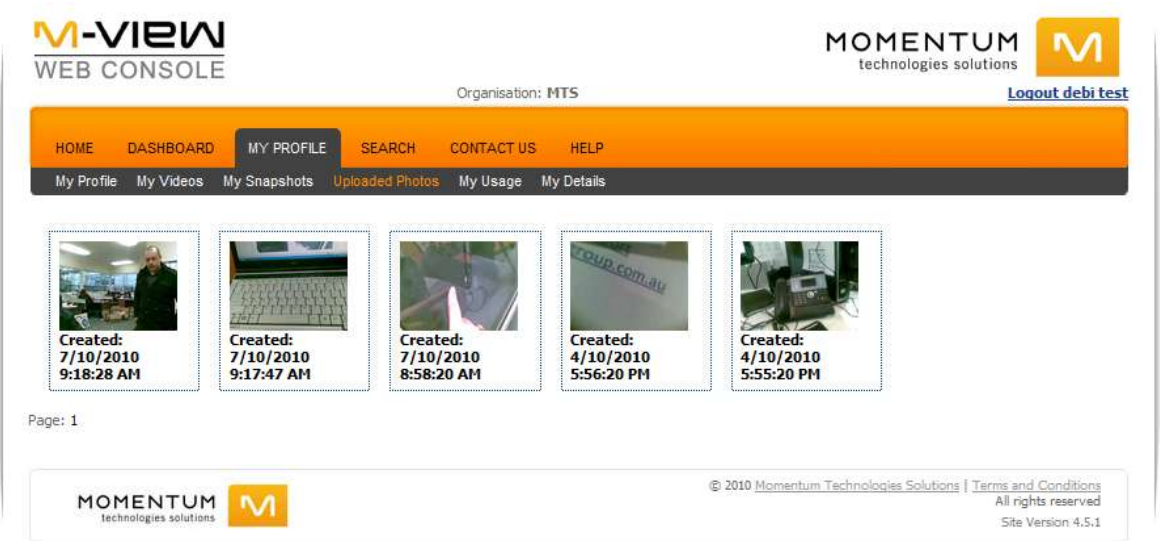


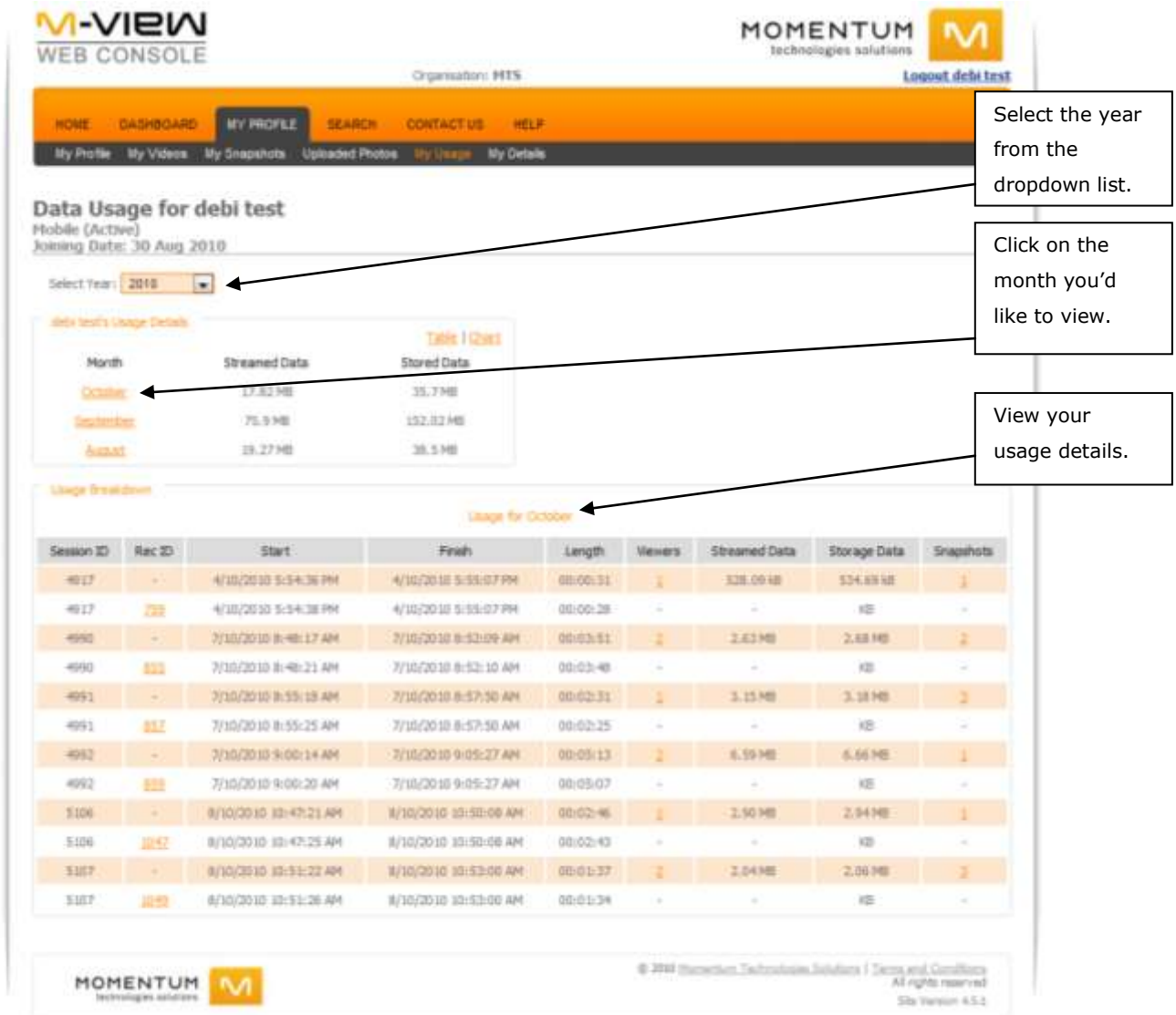
Figure 18. Uploaded Photos page



Figure 19. Selected Photo in full view

3.5. MY USAGE

Your usage details can be found in the **My Profile/My Usage** tab. From this screen, select the year and month to view full details of your streaming activities.



Data Usage for debi test
 Mobile (Active)
 Joining Date: 30 Aug 2010

Select Year: 2010

Month	Streamed Data	Stored Data
October	17.62 MB	35.7 MB
September	75.9 MB	152.82 MB
August	29.27 MB	38.5 MB

Usage Breakdown
 Usage for October

Session ID	Rec ID	Start	Finish	Length	Viewers	Streamed Data	Storage Data	Snapshots
4017	-	4/10/2010 5:54:36 PM	4/10/2010 5:55:07 PM	00:00:31	1	328.00 KB	534.68 KB	1
4017	1022	4/10/2010 5:54:38 PM	4/10/2010 5:55:07 PM	00:00:28	-	-	KB	-
4990	-	7/10/2010 8:48:17 AM	7/10/2010 8:52:09 AM	00:03:51	2	2.63 MB	2.68 MB	2
4990	1023	7/10/2010 8:48:21 AM	7/10/2010 8:52:10 AM	00:03:48	-	-	KB	-
4951	-	7/10/2010 8:55:18 AM	7/10/2010 8:57:50 AM	00:02:31	1	3.15 MB	3.18 MB	2
4951	1027	7/10/2010 8:55:25 AM	7/10/2010 8:57:50 AM	00:02:25	-	-	KB	-
4952	-	7/10/2010 9:00:14 AM	7/10/2010 9:05:27 AM	00:05:13	2	6.59 MB	6.66 MB	1
4952	1028	7/10/2010 9:00:20 AM	7/10/2010 9:05:27 AM	00:05:07	-	-	KB	-
5106	-	8/10/2010 10:47:21 AM	8/10/2010 10:50:00 AM	00:02:46	1	2.50 MB	2.84 MB	1
5106	1047	8/10/2010 10:47:25 AM	8/10/2010 10:50:00 AM	00:02:43	-	-	KB	-
5107	-	8/10/2010 10:51:22 AM	8/10/2010 10:53:00 AM	00:01:37	2	2.04 MB	2.00 MB	2
5107	1050	8/10/2010 10:51:26 AM	8/10/2010 10:53:00 AM	00:01:34	-	-	KB	-

Figure 20. Usage details

3.5.1. USAGE BREAKDOWN

Each broadcast session will be shaded orange. Each video recorded to the server has a white background. MAVEO broadcasts may have multiple recordings per broadcast (or no recordings) as a user may start and stop recordings while MAVEO is streaming a single session. m-View Mobile broadcasts are always recorded so every broadcast has an associated recording.

Session ID: each broadcast is assigned a session ID.

Rec ID: each video recorded on the server is assigned a Rec ID. Clicking this ID will launch the video playback.

Start: the timestamp of the start of the recording/broadcast session.

Finish: the timestamp of the end of the recording/broadcast session.

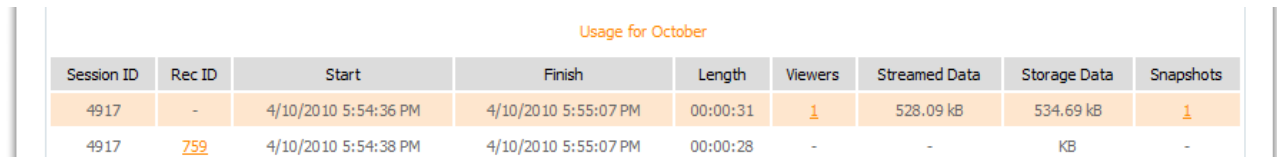
Length: the duration of the recording/broadcast session.

Viewers: the number of viewers that logged in to watch the broadcast session. Clicking the number of viewers will display further detail.

Streamed Data: the amount of data streamed to the server for the broadcast session.

Storage Data: the amount of data saved to the server for the broadcast session.

Snapshots: the number of snapshots taken during the broadcast session. If the video has been saved to the server, clicking on the snapshot number will take you to the selected Snapshot Gallery.



Usage for October

Session ID	Rec ID	Start	Finish	Length	Viewers	Streamed Data	Storage Data	Snapshots
4917	-	4/10/2010 5:54:36 PM	4/10/2010 5:55:07 PM	00:00:31	1	528.09 kB	534.69 kB	1
4917	759	4/10/2010 5:54:38 PM	4/10/2010 5:55:07 PM	00:00:28	-	-	KB	-

Figure 21. Usage Breakdown table (broadcast session has orange background, recording is white)

3.6. MY DETAILS

The **My Details** page allows you to view and edit your account details. Although some of this information is set by your Administrator, you can edit the following:

- Display Name
- Description
- Mobile phone number
- Mobile phone model
- Email address
- Preferred contact method.
- Password

Other details, such as your user rights and user name, need to be set/re-set by your Administrator.

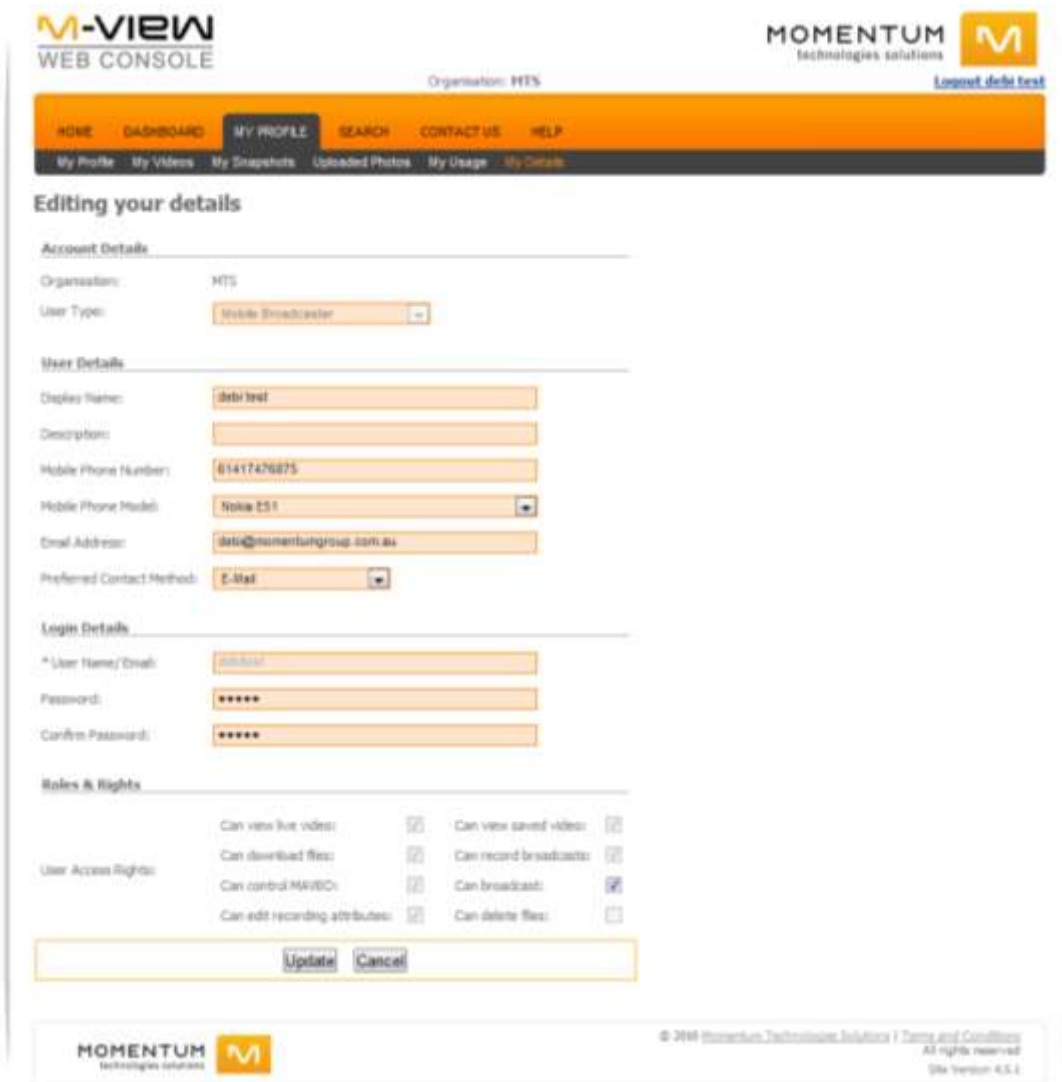


Figure 22. My Details page

3.6.1. USER ACCESS RIGHTS

The user access rights that can be assigned/unassigned by an Administrator are:

- **Can view live video** — gives the user the ability to see live broadcasts. Defaults to yes.
- **Can view saved video** — gives the user the ability to watch saved/archived video. Defaults to yes.
- **Can download files** — the ability to save m-View and MPEG4 files locally from the m-View server. Defaults to yes.
- **Can record broadcasts** — the user can record broadcasts. Defaults to yes.
- **Can control MAVEO** — the user can control the pan, tilt and zoom (PTZ) functions of MAVEO broadcast accounts. Defaults to yes.
- **Can broadcast** — gives the user the option of broadcasting live video. Defaults to yes.
- **Can edit recording attributes** — the ability to edit video attributes of live video while it is being recorded. Defaults to no.
- **Can delete files** — the authorisation to mark your own video files for deletion from the m-View Server. Defaults to no.

4. SEARCH

The Search section of the Web Console allows you to search and view the stored content of your account, or the stored content of the broadcast accounts in your organisation.



Figure 23. Search page

Follow the steps below to conduct a search:

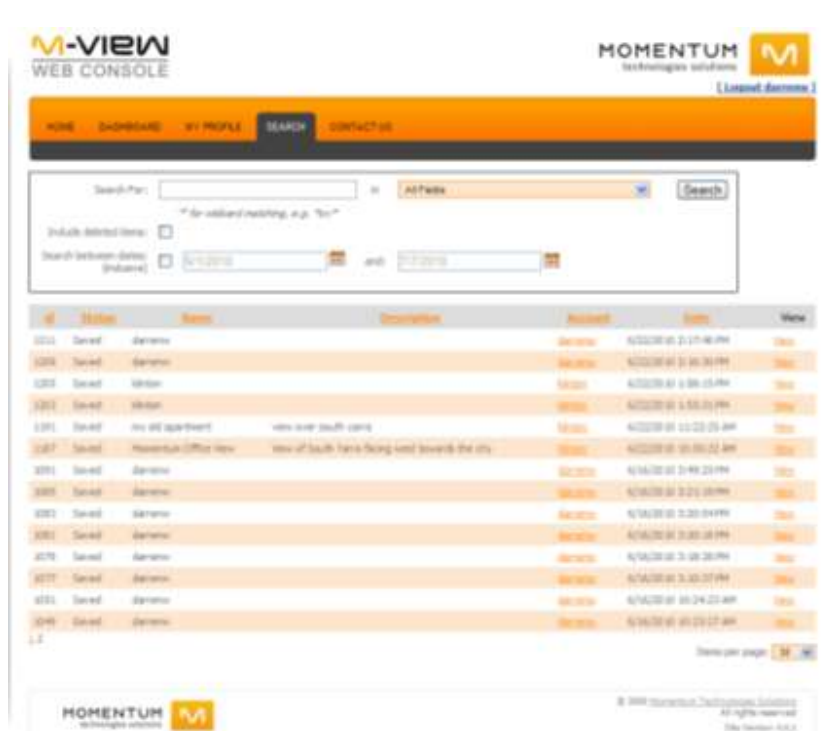
1. Enter a keyword or keywords in the **Search For** box.
2. Using the dropdown list, select where you would like the server to look for the search term. Options are:
 - **All fields** – returns saved videos matching all available fields.
 - **Account** - returns saved videos matching a particular account name.
 - **Name, Tags or Description** – returns saved videos matching the video name, tags or description fields.
 - **All Custom Attributes** – returns saved videos matching the custom attributes.
3. Check the box **Include deleted items** if you'd like your search to cover items that have been marked for deletion or have already been purged from the system.
4. Enter in dates if you'd like to narrow your search by looking for files created within a certain time frame. **Note:** Click on the calendar icons to the right of the start and end fields to select dates.
5. Click **Search**.

Search tips:

- Use the asterisk wildcard to match one or more characters in your search term. For example, searching for **sday* finds items for *Tuesday*, *Wednesday* or *Thursday*.
- Leave the **Search For** field blank to return all saved videos within the search parameters.
- Purged videos cannot be replayed, however information about the video file is still maintained within the system.

4.1. SEARCH RESULTS

The Search Results are displayed in a table like the one below.



ID	Status	Name	Description	Account	Date	View
0211	Saved	Samira		Samira	6/22/2010 2:17:40 PM	View
0214	Saved	Samira		Samira	6/22/2010 2:36:30 PM	View
0215	Saved	Whit		Whit	6/22/2010 4:06:05 PM	View
0216	Saved	Whit		Whit	6/22/2010 4:55:05 PM	View
0217	Saved	no 40 apartment	view over south camp	Whit	6/22/2010 11:22:25 AM	View
0217	Saved	Momentum Office view	view of South Park being used toward the city	Whit	6/22/2010 11:30:22 AM	View
0218	Saved	Samira		Samira	6/22/2010 3:49:20 PM	View
0219	Saved	Samira		Samira	6/22/2010 3:21:00 PM	View
0221	Saved	Samira		Samira	6/22/2010 3:20:04 PM	View
0221	Saved	Samira		Samira	6/22/2010 3:20:38 PM	View
0270	Saved	Samira		Samira	6/22/2010 3:28:20 PM	View
0271	Saved	Samira		Samira	6/22/2010 3:30:07 PM	View
0281	Saved	Samira		Samira	6/22/2010 01:24:22 AM	View
0281	Saved	Samira		Samira	6/22/2010 01:25:07 AM	View

Figure 24. Search Results

The following information is displayed:

- **ID** — the ID number generated by the server.
- **Status** — current status of the video (saved, marked for deletion and deleted).
- **Name** — defaults to the user name, but can be changed to a more descriptive phrase by authorised users.
- **Description** — is blank by default, but can be changed to a more descriptive phrase by authorised users.
- **Account** — the broadcast account from which the video was created.
- **Date** — the date and time of the broadcast, taken from the server.
- **View** — a link to replay the saved video. **Note:** If the video has been purged, this link will be disabled.

4.1.1. SORTING SEARCH RESULTS

The Search results can be sorted by the column title — simply click on the column title to sort ascending, click again to sort descending. For example, clicking on **Name** at the top of the Name column will alphabetically sort the video search results by the Name of the video from A-Z. Clicking **Name** a second time will sort the search results in reverse order, from Z-A.

4.1.2. NUMBER OF ITEMS PER PAGE

By default, 15 results will be displayed per page. However, this can be changed to 30, 50, 100, or All using the dropdown in the bottom, right-hand side of the screen.



Change number of search results on display here.

Figure 25. Search results