

# MDR-600 Series Dashboard 6.0 Local Mode

Version 1.0 - A. Scott



# Overview

The aim of this document is to provide information on:

- How to connect to your MDR device.
- View your recording(s).
- Export clips in various formats.
- Export data in the vehicle via USB Flash Drive.

**Note:** The MDR Dashboard 6.0 is only compatible with Windows and **NOT** Apple devices.

This document does not cover all aspects of the Mobile Digital Recorder (MDR) or its software options.

For more detailed information please refer to the Manual in the link below:

[MDR Installation and Operations Guide.](#)

# Supports MDR-600 Series Models



MDR-644



MDR-641

# Glossary

- **Events** - An activation of an input e.g. Sensor input (trigger 1-8), Overspeed, Left indicator etc. These are displayed during playback.
- **Alarms** - Is an EVENT that has been configured (in the MDR settings) to be an alarm. These can be displayed real time (for 4G and Wi Fi models only), in the Dashboard and Mobile App.
- **Metadata** - Any data that is not video or audio i.e. GPS, Event, speed etc., info (black box data).
- **Clipping** - A section of recorded footage you wish to save.
- **Local download** - A download set to save to a directory on your PC.

# Removing MDR- 644 the Hard Drive (MCU)

1. Unlock the Hard Drive using the key.
2. Confirm that the PWR LED is OFF.
3. Unscrew the two thumb screws (anti clockwise).
4. Gently pull the MCU by holding the handle.



4. Hard Drive (MCU)

3. Thumb screws to release Hard Drive (MCU)



1. MCU Locking Mechanism

2. PWR (Power) LED

# Removing MDR- 641 the Hard Drive (MCU)

1. Unlock the Hard Drive using the key.



2. Confirm that the PWR LED is OFF.

1. MCU Locking Mechanism

3. Lift the plastic handle to release the hard drive.

4. Gently pull the MCU by holding the plastic handle.

3. Plastic handle to release Hard Drive (MCU)

4. Hard Drive (MCU)



2. PWR (Power) LED

# Connecting the 644 MCU to a PC or Laptop

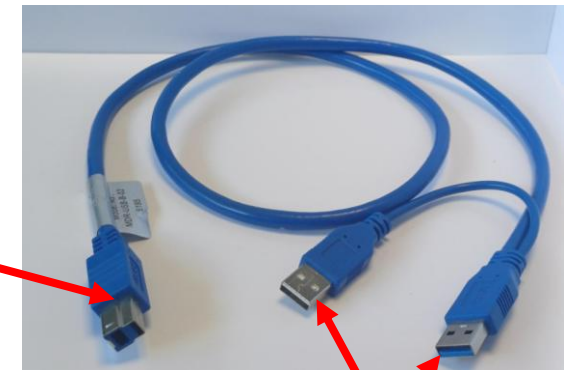
Users **MUST** follow the procedure listed below in order to correctly connect the MCU to their PC or Laptop.

1. Connect the USB B connector to the HD USB port.
2. Connect **both** USB A, data and power connectors to USB ports on your PC or Laptop.

Hard Drive (MCU)



HD USB Port



USB-B Connector

USB-A Connectors

# Connecting the 641 MCU to a PC or Laptop

Users **Must** follow the procedure listed below in order to correctly connect the MCU to their PC or Laptop.

1. Connect the MCU Reader connector to the Data port.

2. Connect the single USB-A to MCU Reader.

3. Connect **both** USB A, data and power connectors to USB ports on your PC or Laptop.

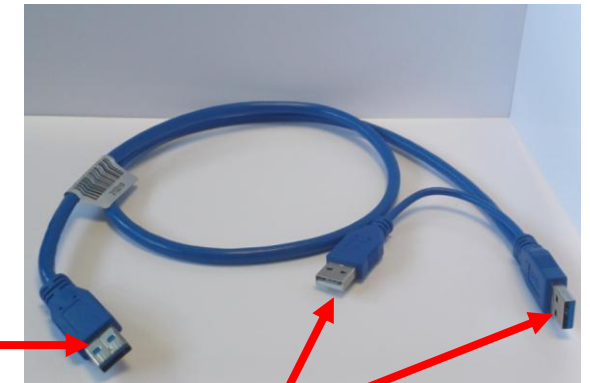
MCU Reader



Hard Drive (MCU)



Data Port



USB-A Connector to MCU Reader

USB-A Connectors to Laptop/PC

# MDR Dashboard 6.0 Software

You must have the latest MDR Dashboard 6.0 Software installed on your Laptop/PC to view/export footage from your hard drive (MCU).

You can find the download for this software on our Website [brigade-electronics.com](http://brigade-electronics.com) or from the link: [MDR Dashboard 6.0 Download](#)

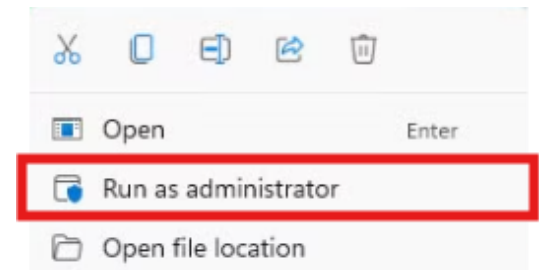
## Note:

- MDR Dashboard 6.0 Software is compatible with MDR 400, 500 & 600 series.
- For MDR 400 & 500 series you will need to Run the MDR Dashboard 6.0 Software as administrator.

# Running MDR Dashboard 6.0 as administrator

Whilst your MCU (Hard drive) is connected to your Laptop/PC.

- Simply Right-Click on the MDR Dashboard 6.0 icon on your Laptop/PC desktop.
- A menu will appear next to the icon, Left-Click on **Run as administrator** from the menu as seen in the image on the right.

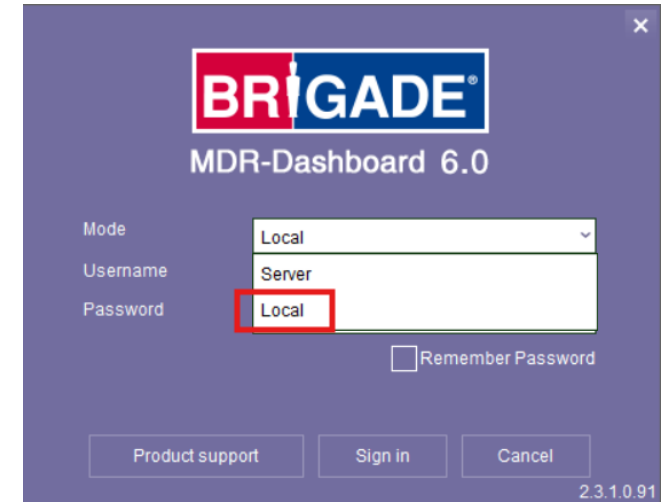


# MDR Dashboard 6.0

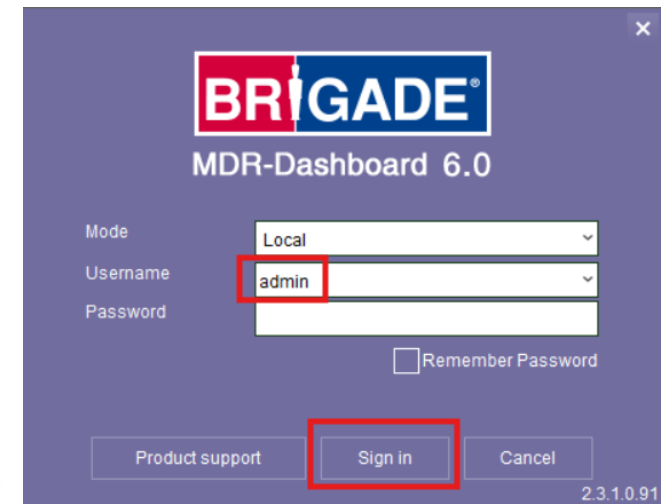
## Local Mode Login

### Login into MDR Dashboard 6.0

1. Change Mode to (**Local**) option from the dropdown menu.
2. The default username is **admin** (this must be all lower case).
3. There is no default password, **LEAVE THIS SECTION BLANK.**
3. Once the mode & username are populated, Click: “**Sign in**”



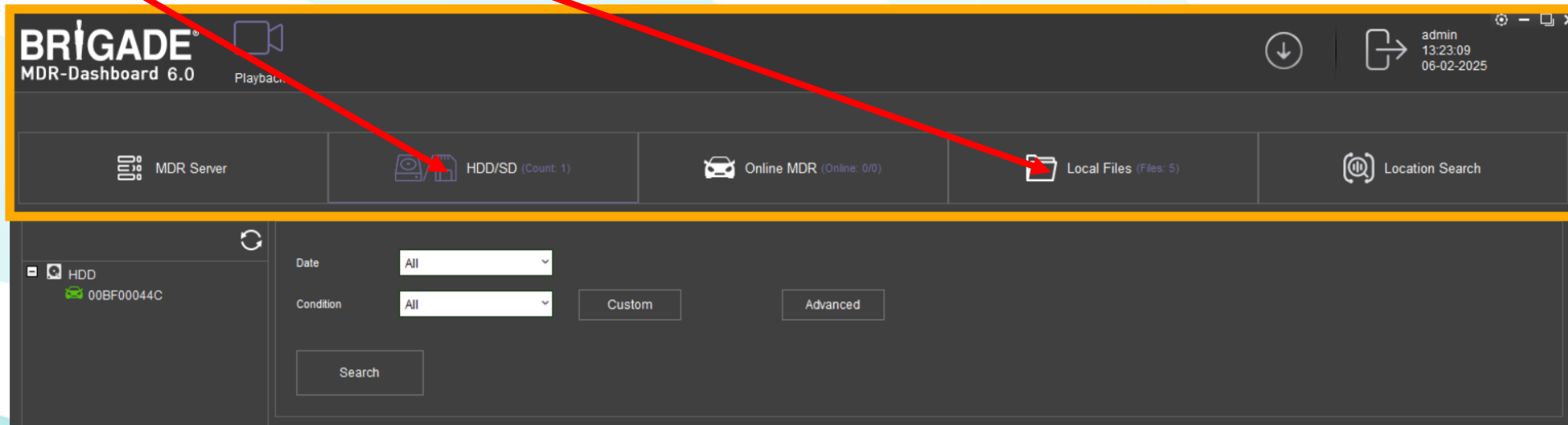
The screenshot shows the MDR-Dashboard 6.0 login window. The Mode dropdown menu is set to 'Local'. The Username field contains 'Server' and the Password field contains 'Local'. The 'Remember Password' checkbox is unchecked. The 'Sign in' button is highlighted with a red box. The version number 2.3.1.0.91 is visible in the bottom right corner.



The screenshot shows the MDR-Dashboard 6.0 login window. The Mode dropdown menu is set to 'Local'. The Username dropdown menu is set to 'admin'. The Password field is empty. The 'Remember Password' checkbox is unchecked. The 'Sign in' button is highlighted with a red box. The version number 2.3.1.0.91 is visible in the bottom right corner.

# Playback HDD & Local Files

The Data Source Area (**shown in the Yellow box**) shows the different playback options you can view or retrieve data from. In Local mode you have two playback options, **HDD/SD** and **Local Files**.

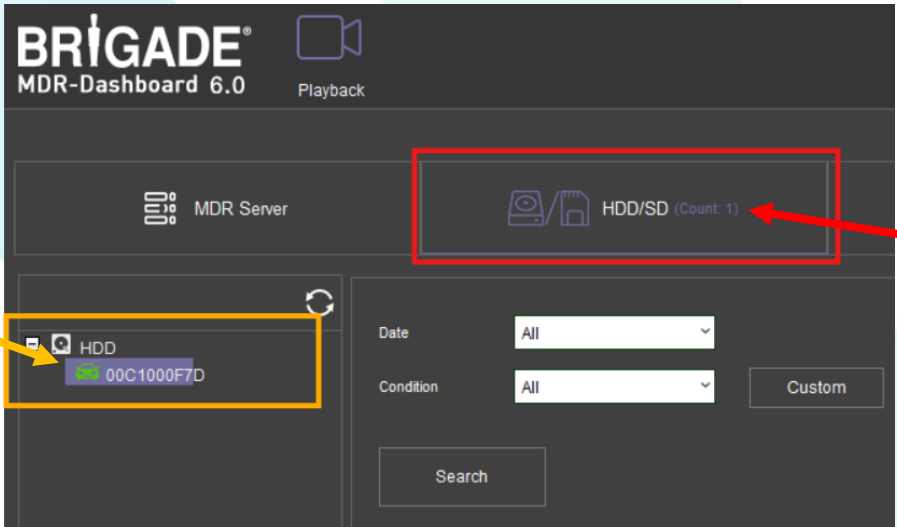


- **HDD/SD** is active when the physical MCU (Hard Drive) is connected to your Laptop/PC.
- **Local Files** are previously saved local data stored on your Laptop/PC.

# HDD Playback

With the MCU (Hard drive) plugged in and the MDR Dashboard 6.0 software opened. Select HDD/SD as shown in **red box**, Your MCU (Hard drive) should appear as a green vehicle in the column on the left of the Dashboard as shown in the **Yellow box**. This will indicate it is available for browsing.

Double click the vehicle icon. This will display ALL calendar events.



The HDD/SD Count number shown is the number of HDCs connected.

**Note:** If the green vehicle does not appear, Click the refresh icon. 

# Calendar

Double click on the relevant calendar date to display the pre playback screen.

- Green dates indicate days with recorded footage
- Orange dates indicate days with event (alarm) footage
- A Red dot represents metadata
- Grey dates indicate no recordings
- White outline is the current date (today's date)

2025 - 04						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

Ensure that DOWNLOAD METADATA is always ticked.

Download Metadata

This will ensure all metadata is shown with playback video.

# HDD Pre-Playback Screen

Select different view settings i.e. MAP, VIDEO & VIDEO/MAP

Downloads

Logout

Click back arrow to return to calendar screen.

Click play button to display the data.

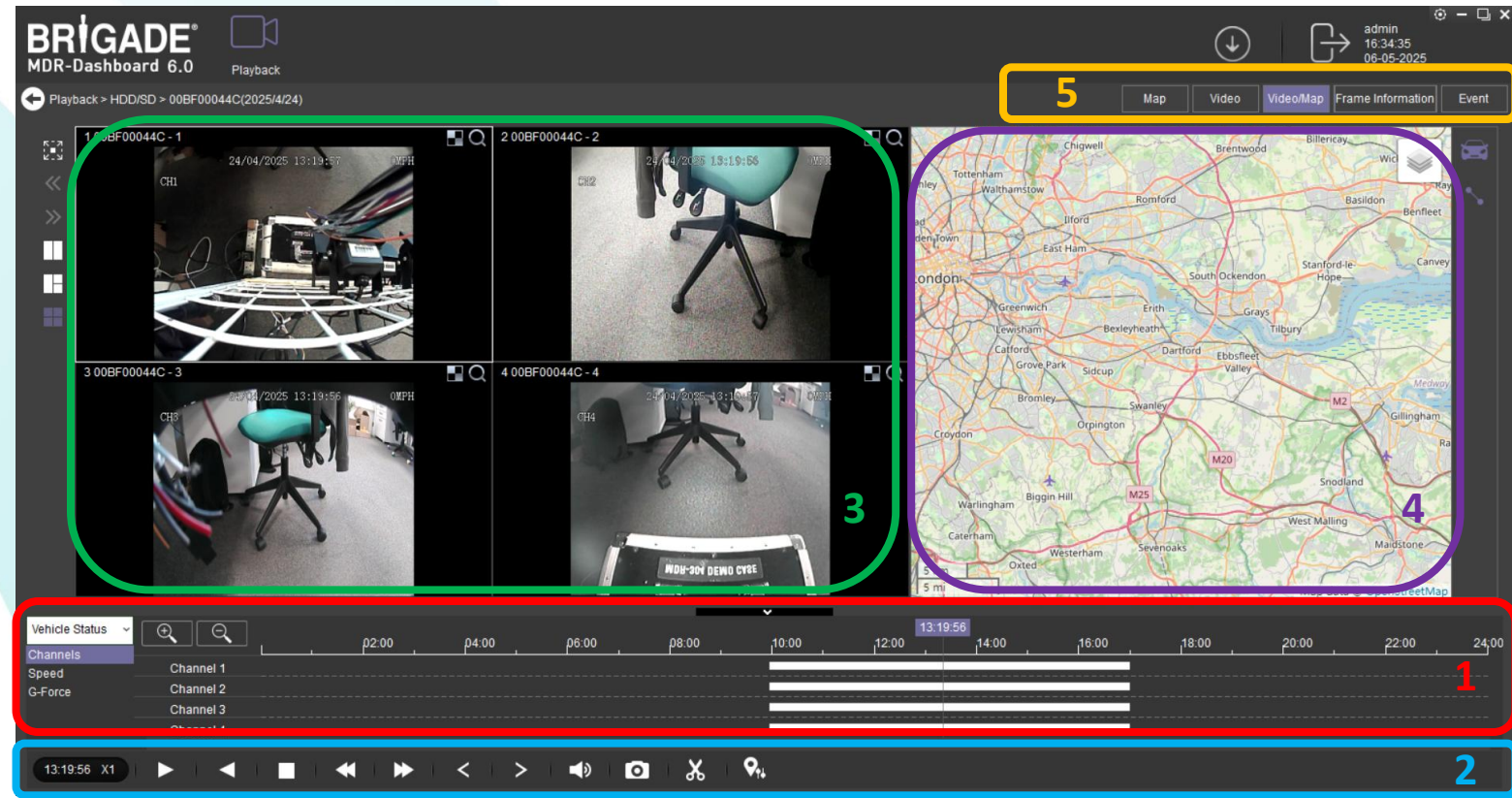
Select number of channels to playback.

The screenshot displays the BRIGADE MDR-Dashboard 6.0 interface. At the top, there is a navigation bar with tabs for 'Map', 'Video', 'VideoMap', 'Frame Information', and 'Event'. A 'Downloads' button is located in the top right corner, and a 'Logout' button is also present. The main area features a large play button in the center. Below the play button, there are checkboxes for selecting 1 through 8 channels, with a 'Select All' option. The bottom section shows a timeline with vehicle status, speed, and G-Force data for four channels. A map of London is visible on the right side of the screen.

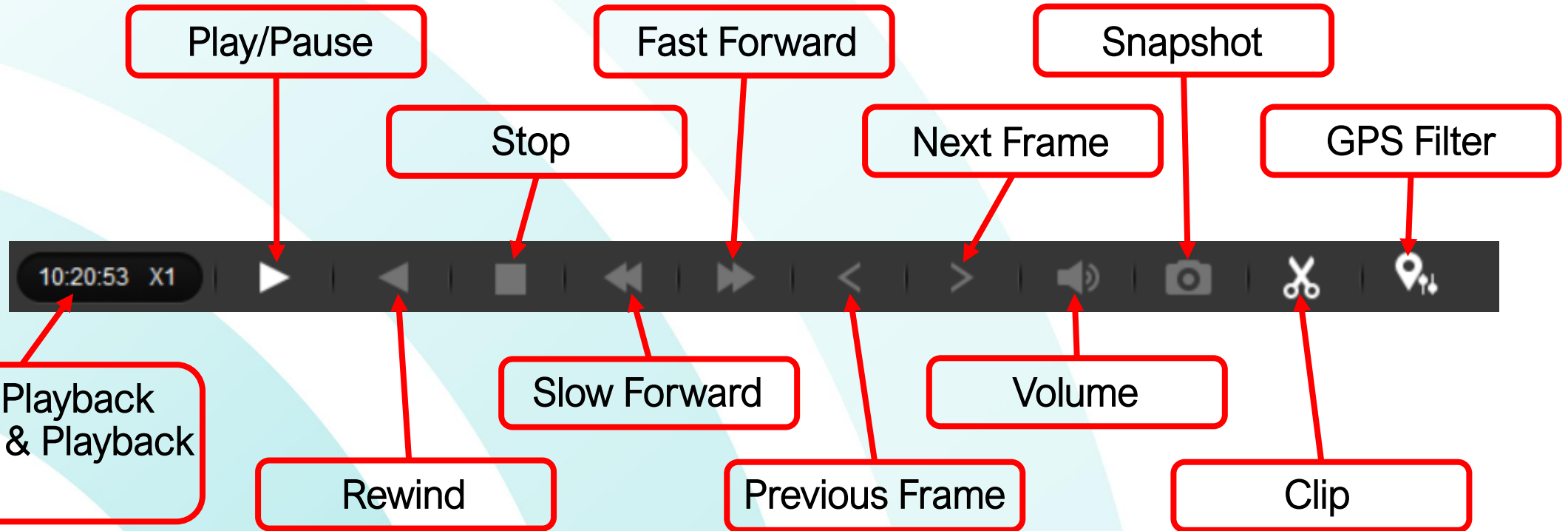
# MDR Dashboard 6.0 Local Mode Interface

## The Key Areas:


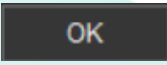
1. Graphics Panel (**Area 1**)
2. Control Panel (**Area 2**)
3. Media Playback (**Area 3**)
4. Map, requires internet (**Area 4**)
5. Frame Information (**Area 5**)

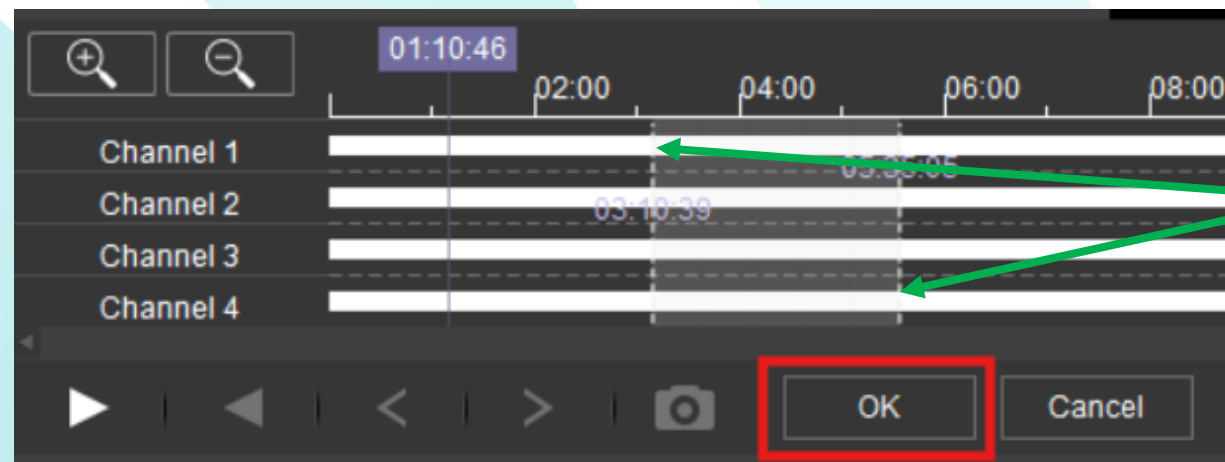


# Control Panel Breakdown



# Exporting Videos

- Click on the “**CLIP**” button  on the control panel. Only accessible while video is being played or paused.
- White **Clip Markers** (broken vertical lines) appear as outlined below.
- Select the start and end time for the clip by dragging and dropping the clip markers to the desired time.
- Click  (as shown in the red box below) and the clip settings window will open.

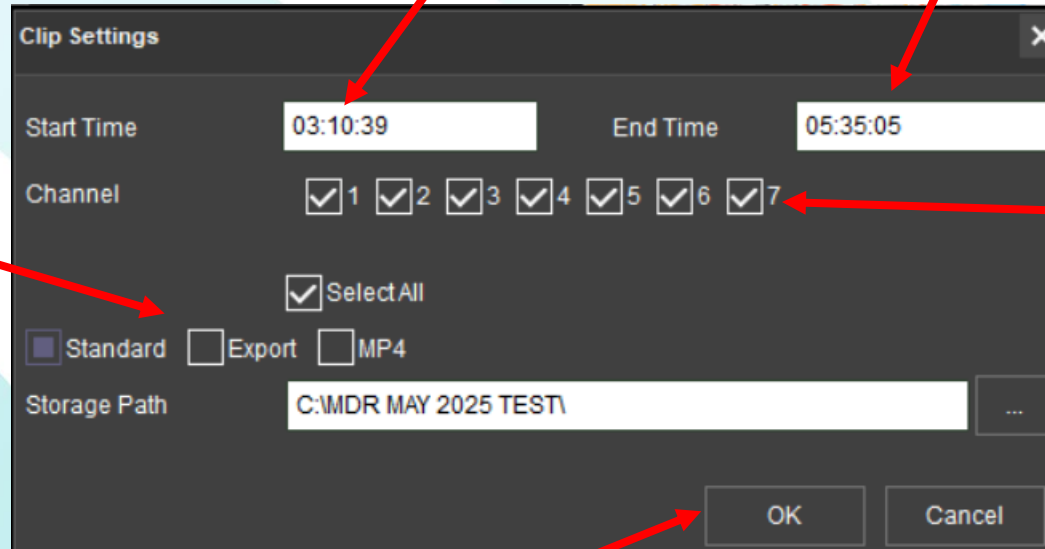


Clip Markers

# Clip Settings

1. Double check **Start Time** and **End Time**.

3. Choose a format to download your file into. (see next slide).



The screenshot shows a 'Clip Settings' dialog box with the following fields and options:

- Start Time:** 03:10:39
- End Time:** 05:35:05
- Channel:** Seven checkboxes labeled 1 through 7, all of which are checked.
- Select All:** A checkbox that is checked.
- Format:** Three radio buttons labeled 'Standard', 'Export', and 'MP4'. 'Standard' is selected.
- Storage Path:** A text field containing 'C:\MDR MAY 2025 TEST\'. To the right of the text field is a button with three dots '...'. Below the text field are 'OK' and 'Cancel' buttons.

Red arrows point from the numbered instructions to the corresponding fields in the dialog box.

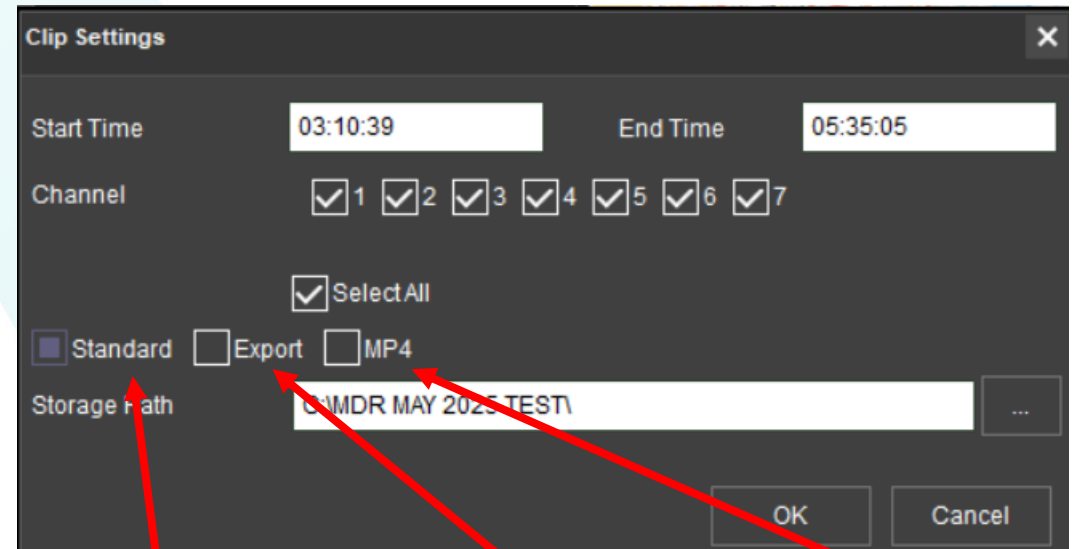
2. Check the number of **Channels** you want to download. The more channels you choose the bigger the file size.

5. Click "**OK**" once you have selected all your preferred settings.

4. Choose the **Storage Path** where to save your file.

# Three Format Options to Export Videos (Explained)

- There are three format options available to you to export your footage into, depending on your requirements.
- The purple box  indicates the current format selected.



Standard

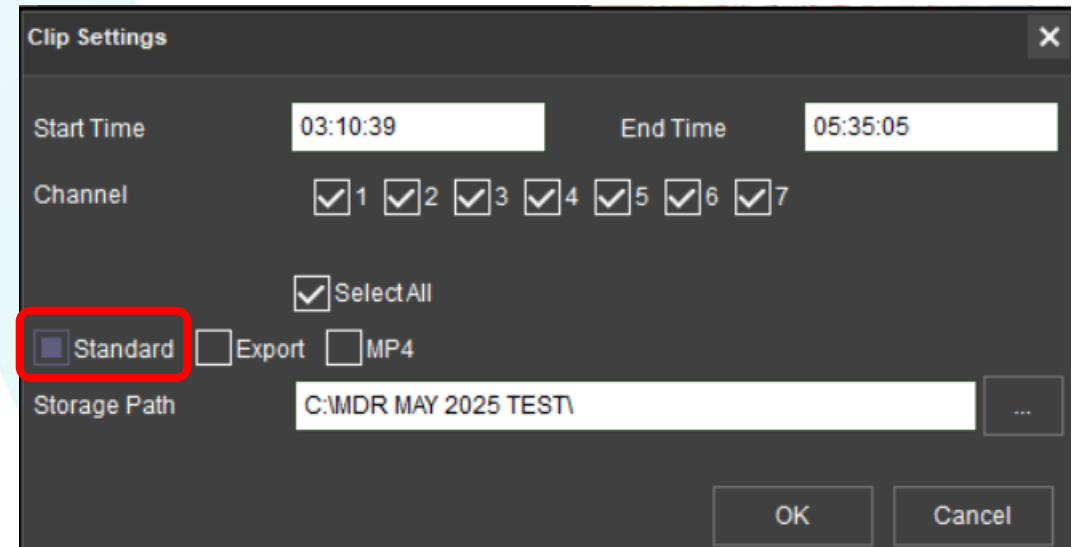
Export

MP4

# Standard Format

We recommend using Standard when downloading, for backing up and for sharing with other users who have the MDR Dashboard 6.0 software installed as it clips and creates video files in proprietary format (H264).

Standard format also captures raw images and the metadata.

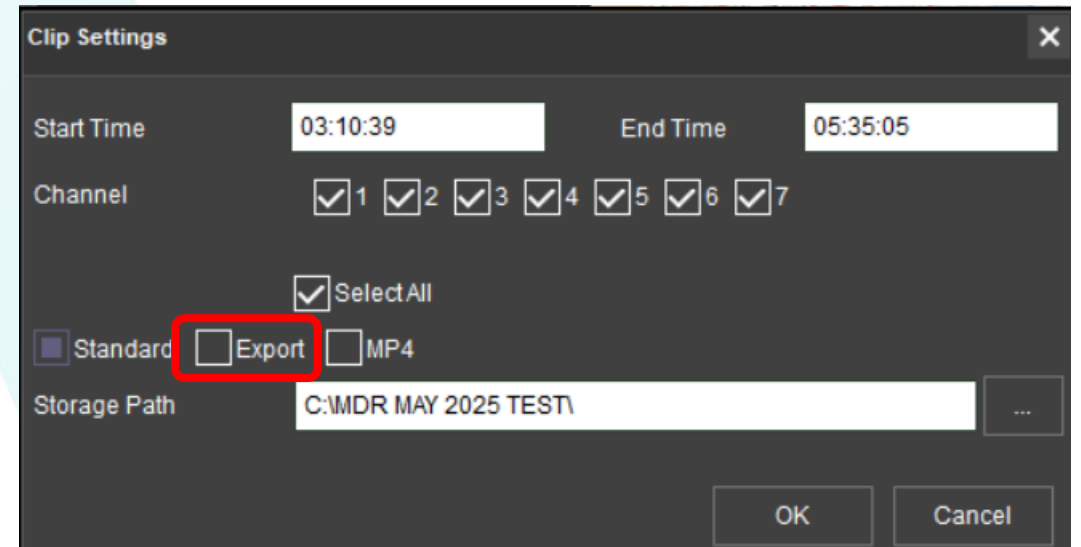


# Export Format

Exports the footage to a self-run executable file. This means the footage can be played by a third party without the need for Dashboard software.

For security, a password can be added to the file (recommended but optional).

**Note:** The file must not be larger than 1.5GB



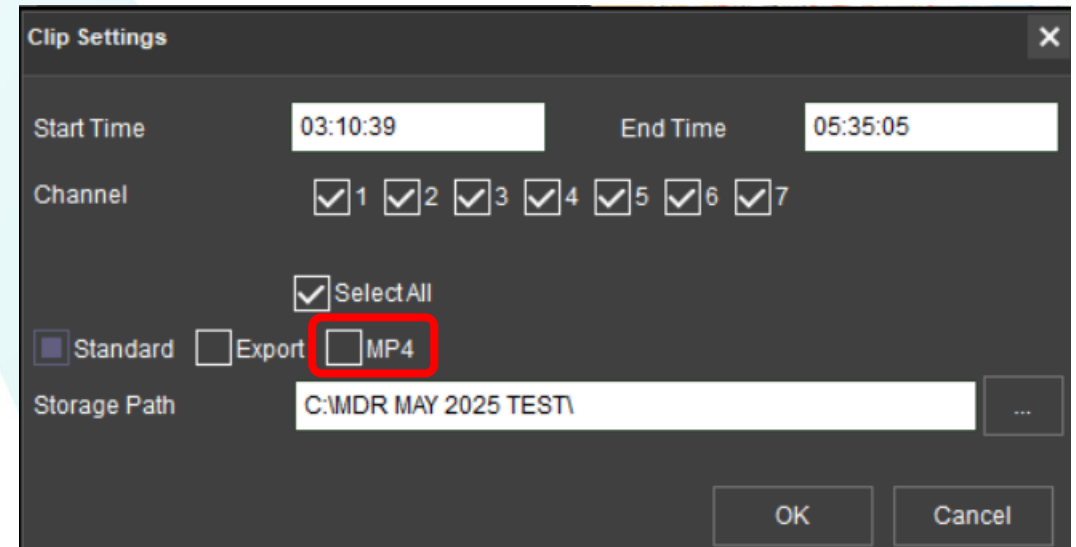
# MP4 Format

MP4 files are playable by common players such as Windows Media Player. Each channel is saved as a separate MP4 file so you will be unable to view all channels simultaneously.

The advantage of this solution is the portability of the format. The disadvantage is the lack of protection and missing metadata information. Files can be played and edited by anyone.

**For this reason, we do not recommend this option if security is a factor.**

**Note:** The MP4 format is limited to only 15 minutes duration or less.

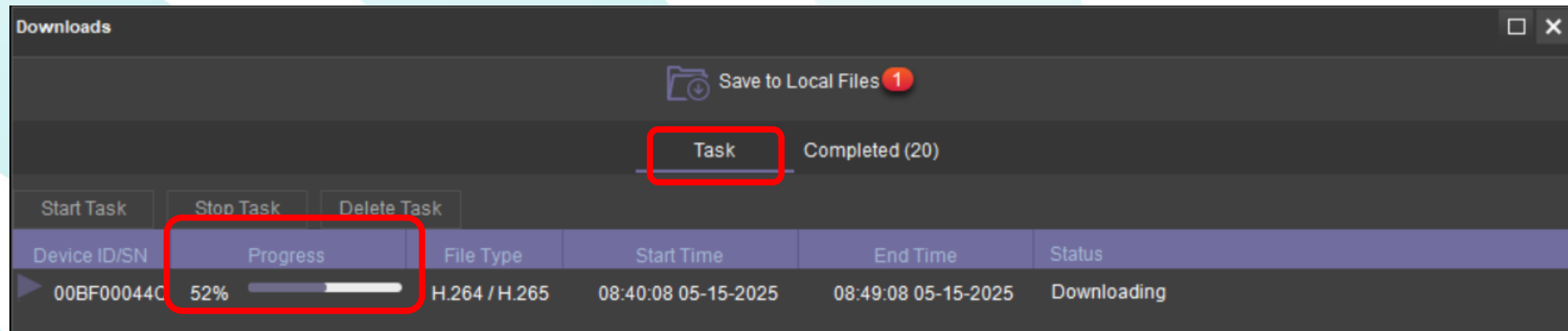


# Dashboard 6.0 Downloads (Task)

- Click the “Downloads” icon  to view active and historic downloads.



- The **Task tab** (in the red box below), will show the progress of your download.

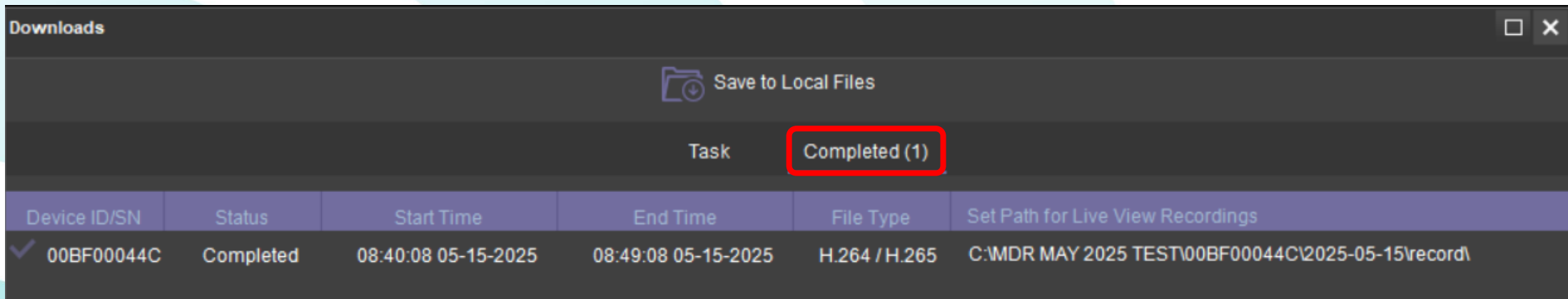


Device ID/SN	Progress	File Type	Start Time	End Time	Status
00BF00044C	52%	H.264 / H.265	08:40:08 05-15-2025	08:49:08 05-15-2025	Downloading

- The file will save to the chosen storage path selected in the Clip settings.

# Dashboard 6.0 Downloads (Completed)

- The Task will automatically move to the Completed tab. You can view this by clicking on the Completed tab (in the red box below).



The screenshot shows a window titled "Downloads" with a "Save to Local Files" button. Below the button is a tab labeled "Task" and a sub-tab labeled "Completed (1)", which is highlighted with a red box. Below the tabs is a table with the following data:

Device ID/SN	Status	Start Time	End Time	File Type	Set Path for Live View Recordings
✓ 00BF00044C	Completed	08:40:08 05-15-2025	08:49:08 05-15-2025	H.264 / H.265	C:\MDR MAY 2025 TEST\00BF00044C\2025-05-15\record\

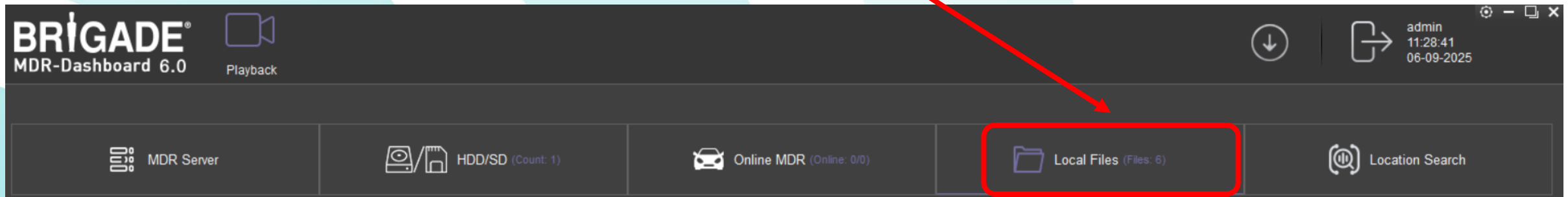
- Right-click on a completed task and click "Open Folder". This will automatically open the location you downloaded the data to.

# Playback - Local Files

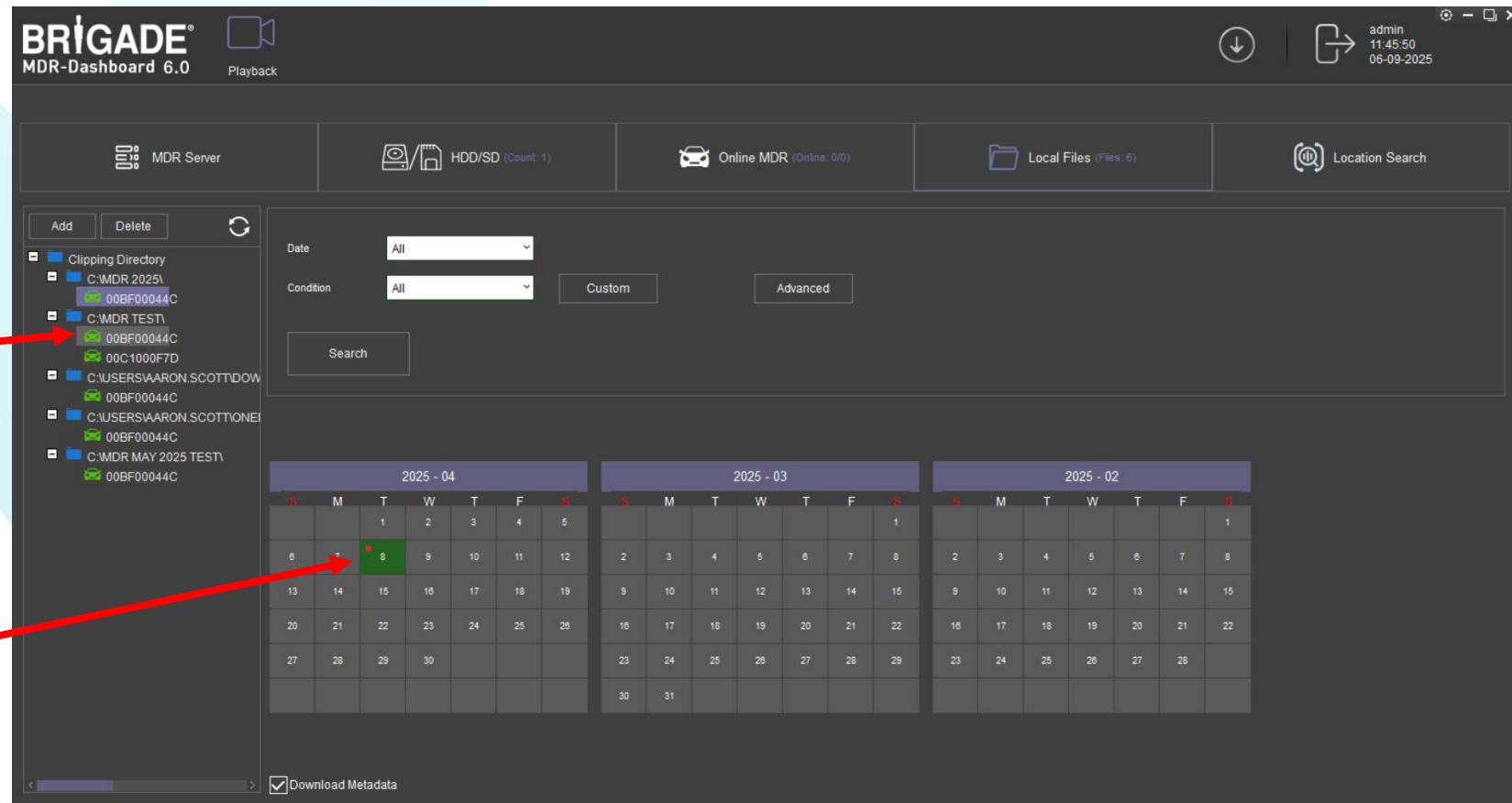
- Click on the back arrow to return to calendar screen.



- To playback local downloads, Click on the “Local Files” tab.



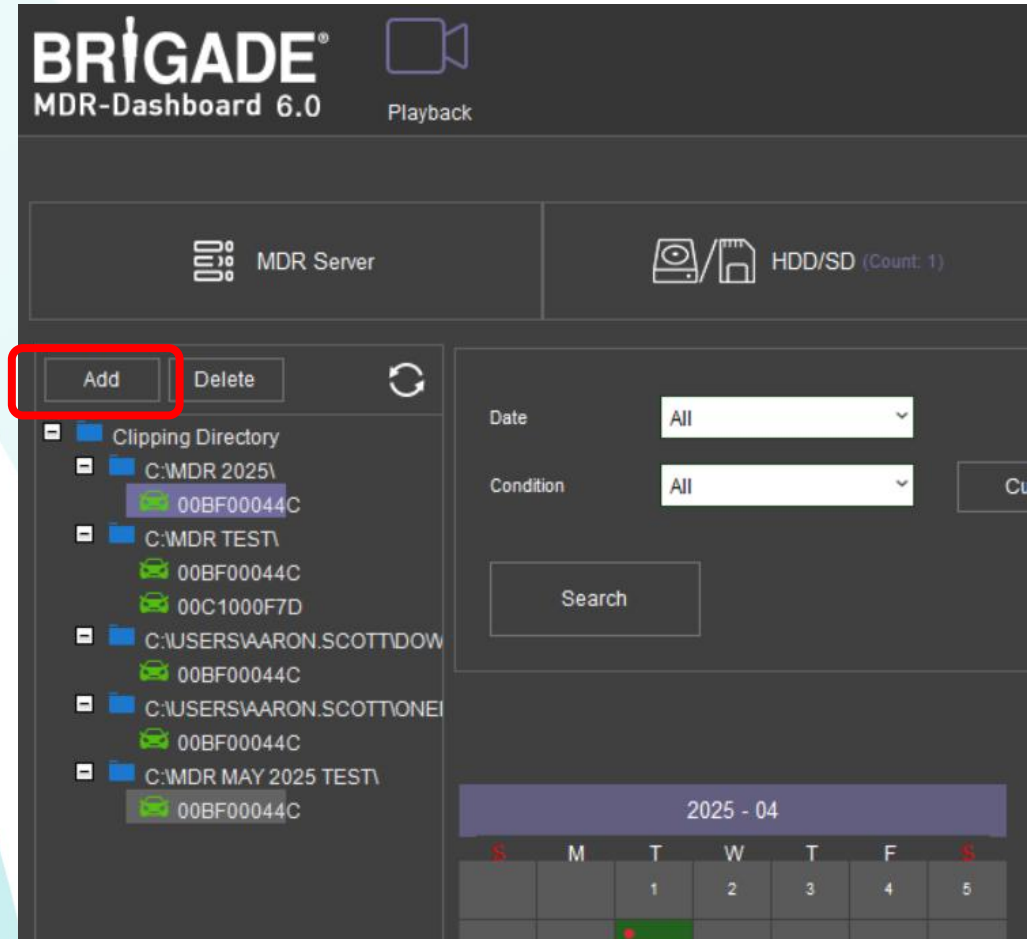
- If local data has been saved in the directory it will show in the 'vehicle in the fleet list'.
- Double click a vehicle to open the calendar, this will show you all the saved local footage for that vehicle.
- Double click on the calendar the day you want to playback, this will then load the normal playback view.



# Add a Directory

- To add a directory to local footage (saved as standard), click **“Add”**.
- Navigate to the folder and click **“Select Folder”**.

**Note:** The folder will be located in the storage path you selected in the clipping settings.



**Export  
Footage  
Using USB  
Flash Drive**



# Important

A 'bus' powered USB hub (with a of 2 minimum 2 USB ports for USB mouse and USB flash drive) will need to be required:

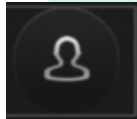
- To export/import configuration data
- For firmware upgrades
- Video exports

**Note:** The above actions will be undertaken in the vehicle and will only require a mouse, USB Flash Drive and a 'bus' USB hub.

# Brigade



# Export Recordings Using USB Flash Drive (Login)

- To login to your MDR you will need to insert your mouse and flash drive into your 'bus' USB hub.
- Then Insert your USB connector of the 'bus' hub into the USB port on the front of your MDR.
- Using your mouse, right click anywhere on the monitor's display and a menu bar will appear along the bottom of the screen.
- Click on the icon of a person  in the bottom right of the screen to open the login page.

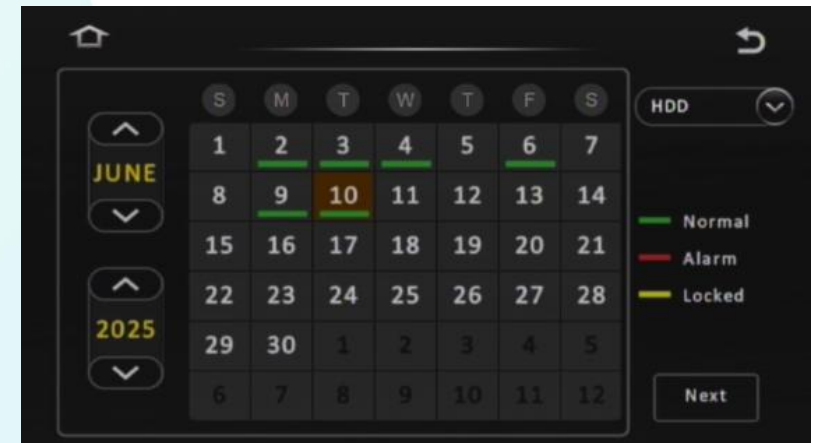
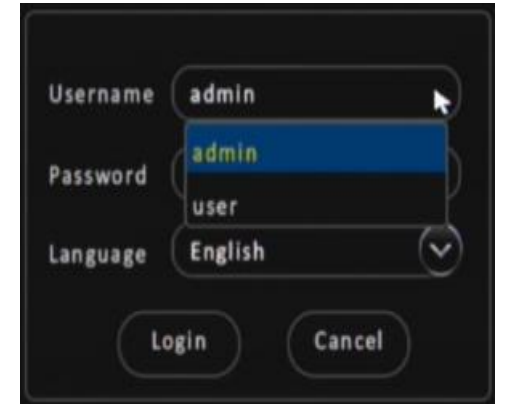


# Export Recordings Using USB Flash Drive

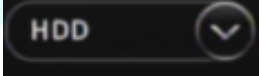
- Login as administrator mode.
- Enter your password.
- Select your preferred language.

**Note:** if you have forgotten your password, contact Technical Support.

- Click on  to open and view the calendar.



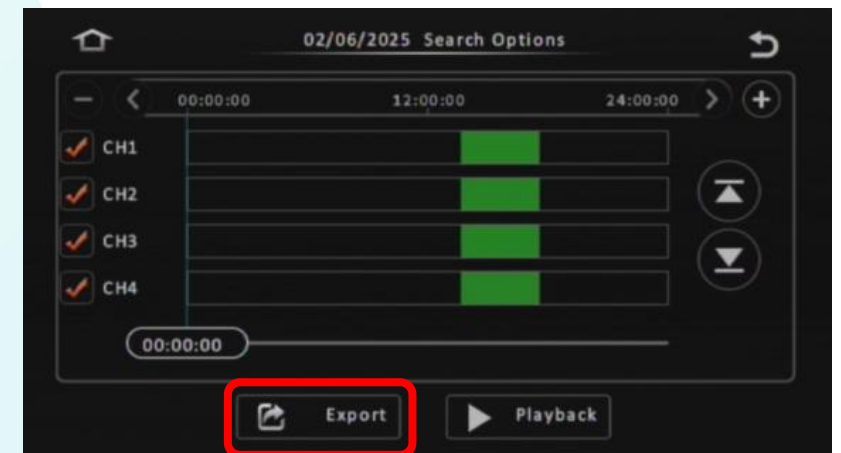
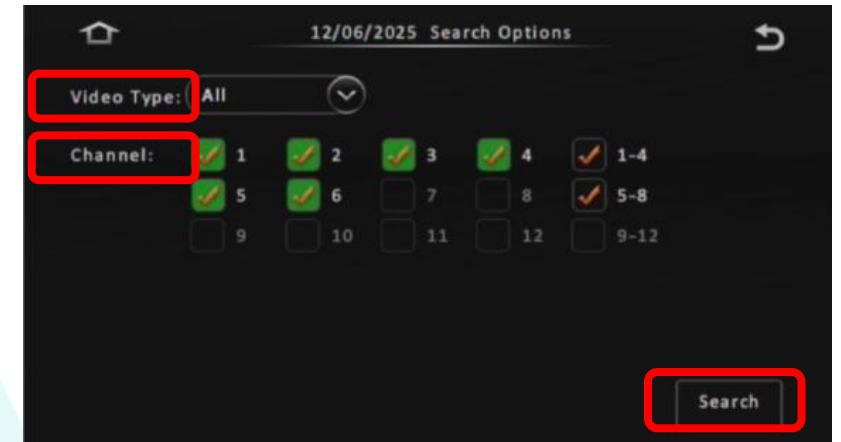
# Export Recordings Using USB Flash Drive

- Select (HDD)  from the drop-down box to view the recordings that have been saved on the Hard Drive, (MCU).
- Select the **date** you would like to view by clicking the date on the calendar.
- After selecting the required date, Click “**Next**” button.



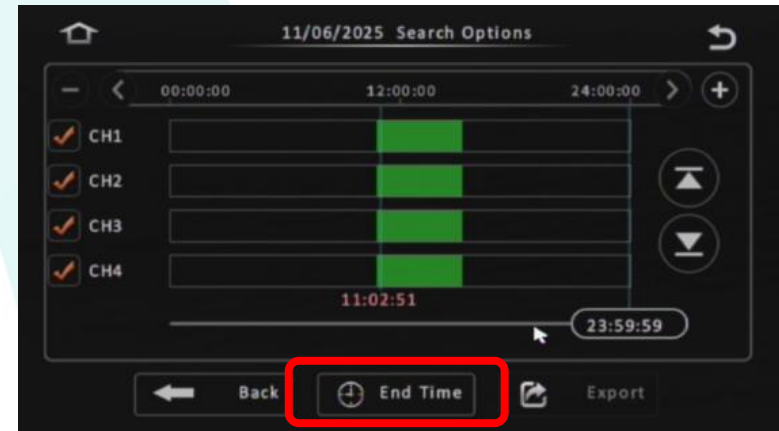
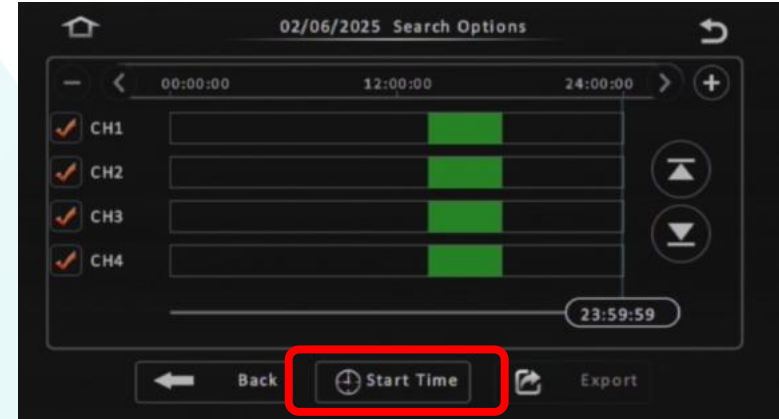
# Export Recordings Using USB Flash Drive

- Choose **Video Type**: All / Normal / Alarm.
- Select the **Channels** you want to view.
- Click “**Search**” button. The Video results will show.
- Click “**Export**” button.



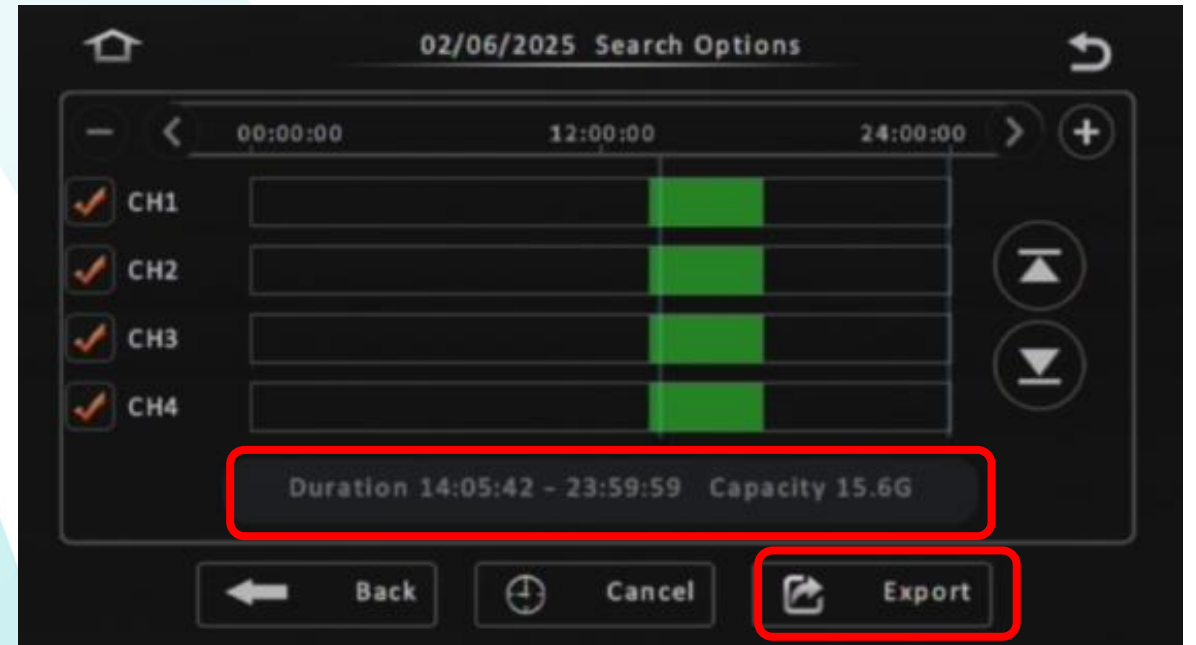
# Export Recordings Using USB Flash Drive

- Enter the start time of your export, then click “Start time”.
- Enter the end time of your export and click “End time”.



# Export Recordings Using USB Flash Drive

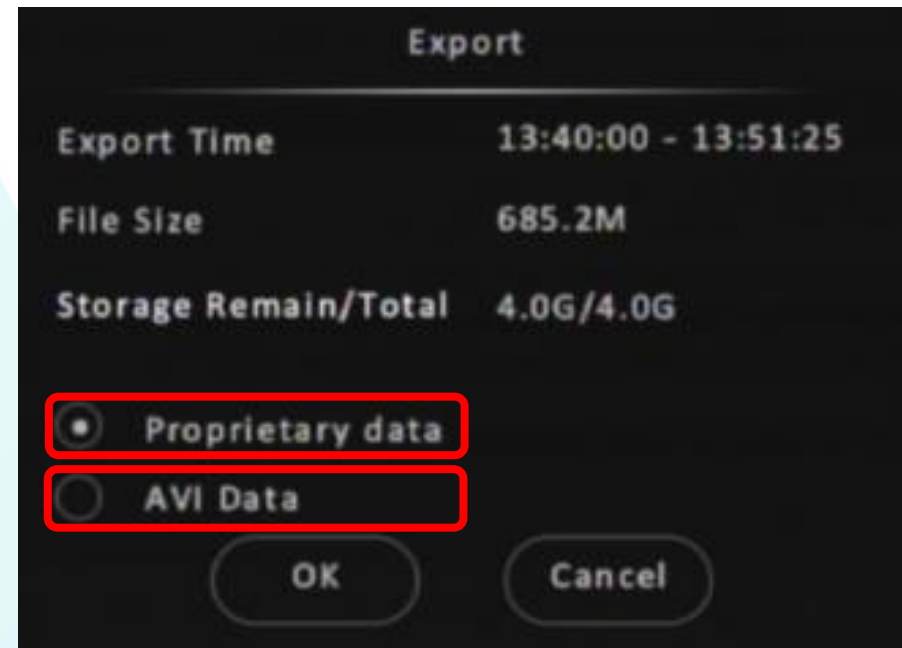
- The Duration time and Capacity of file will be advised.
- Click “Export” to continue.



# Export Recordings Using USB Flash Drive

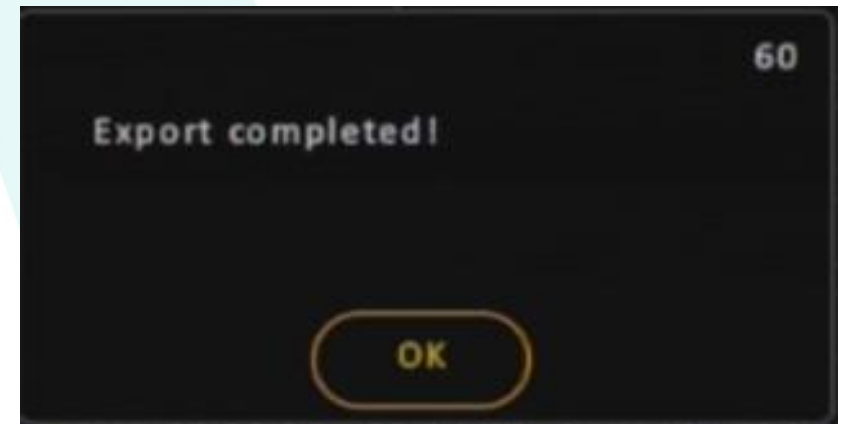
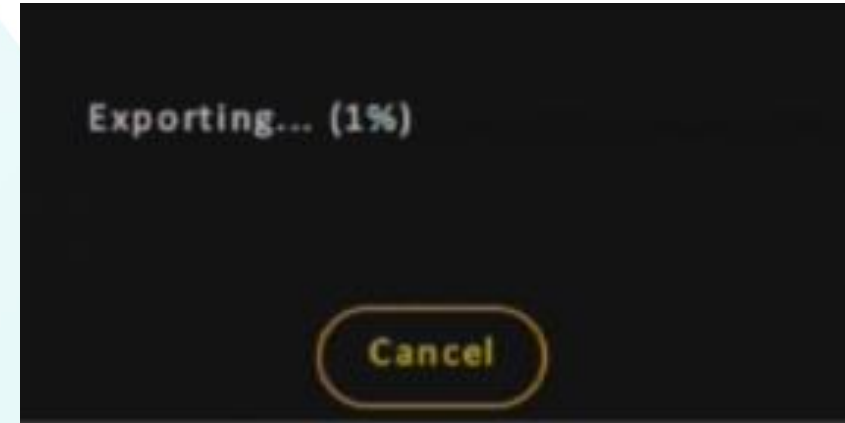
- An **Export** detail window will display two options:
- Selecting **Proprietary Data** will export the footage in a format that is ONLY playable in the MDR Dashboard and MDR Player.
- Selecting **AVI Data** will export the footage in a MP4 format that is playable on most standard media players for example: (windows media player)
- Once you have selected your preference. Click “**OK**”.

**Note:** Footage exported in **AVI Data** is NOT playable in the MDR Dashboard or MDR Player.



# Export Recordings Using USB Flash Drive

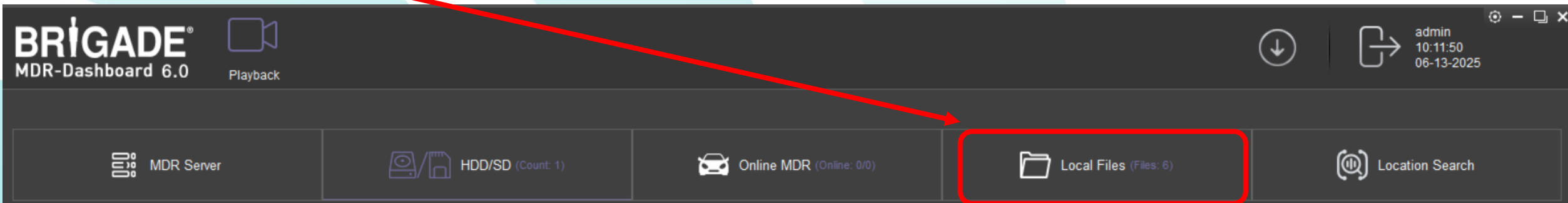
- An Export progress bar will show;
- Export will advise Completed or error i.e. lack memory space.
- Click  and close menu tab, then remove USB Flash Drive from the MDR.
- You can now insert the USB flash drive into your laptop/PC to view your footage using the MDR Dashboard 6.0 for 'Proprietary Data exports', or a media player for 'AVI Data exports'.



# Loading From a USB Flash Drive or Folder

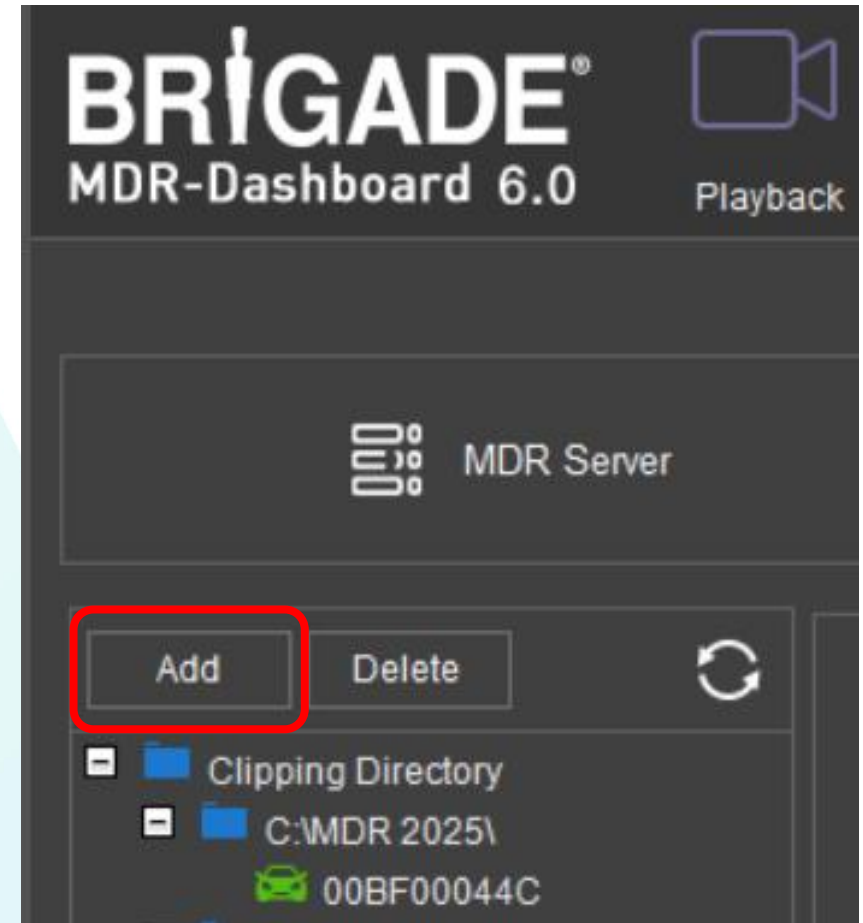
To view downloaded recordings from the MDR which have previously been saved on a USB flash drive, or recordings which have been manually saved in a local folder on your PC use the MDR Dashboard 6.0 software.

- Click on **Local Files** tab to show exported files.



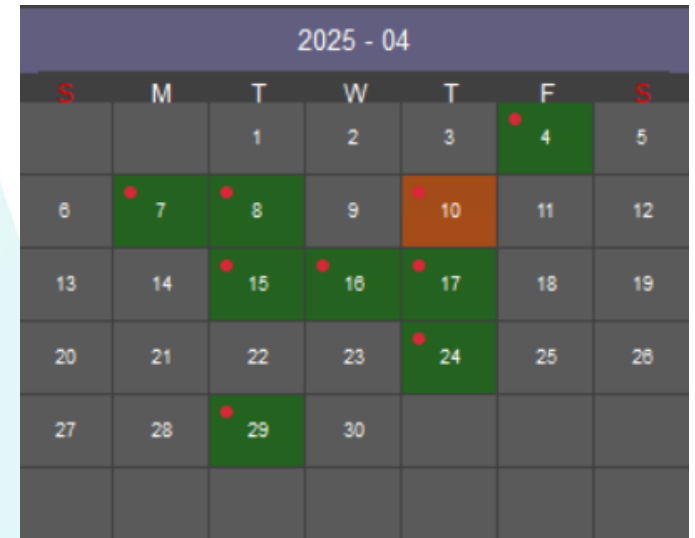
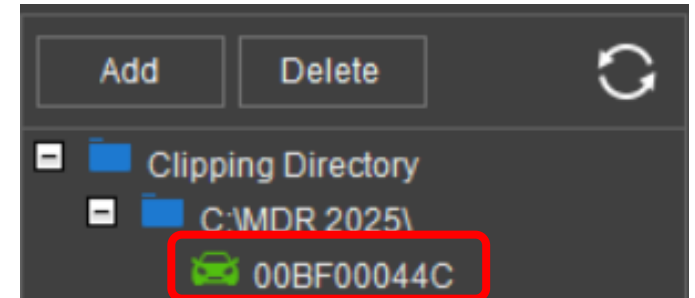
# Loading From a USB Flash Drive or Folder

- Click the “ADD” button.
- A File Explorer dialog box will open to allow the user to select the folder with the required recordings.
- Locate relevant folder and click **SELECT FOLDER**.
- Once the folder has been successfully loaded, it will appear in the Device Directory.



# Loading From a USB Flash Drive or Folder

- Double-click the vehicle icon and it will display all calendar events.
- Double-click the relevant calendar date, this will display the pre-playback screen where you can view your saved footage.

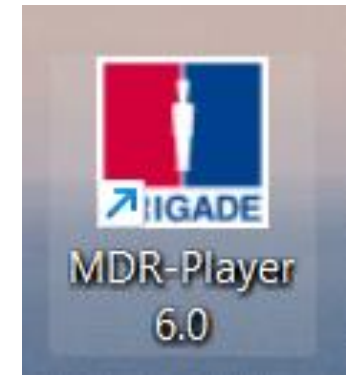


A screenshot of a calendar for April 2025. The calendar shows dates from 1 to 30. Several dates (4, 7, 8, 10, 15, 16, 17, 24, 29) are highlighted in green, indicating events. The date 10 is highlighted in orange. The days of the week are labeled S, M, T, W, T, F, S.

2025 - 04						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

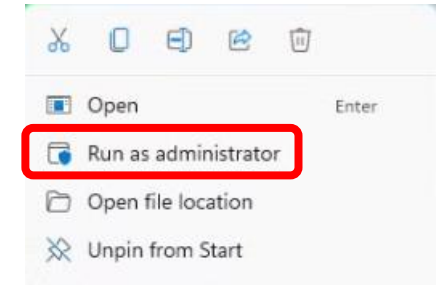
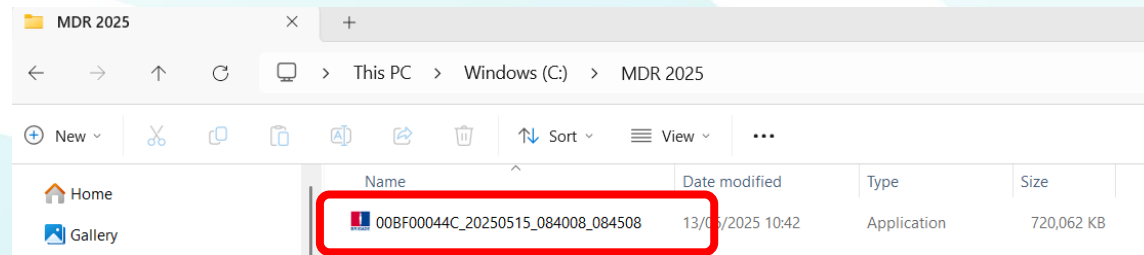
# MDR Player 6.0

- MDR-Player 6.0 is a basic version of the MDR-Dashboard 6.0
- You automatically get MDR-Player 6.0 when you install MDR-Dashboard 6.0. Exported files are embedded files that contain video, metadata and MDR-Player.
- MDR-Player 6.0 is used to playback executable video files (.exe) that can be password protected.
- The files are usually given to a 3<sup>rd</sup> party i.e. insurance company to view and do not require MDR-Dashboard 6.0 to be installed on to the 3<sup>rd</sup> party PC.



# Open MDR Player files

- Locate the directory/file on your PC.



- Right-click on the Application and select “Run as administrator”
- If you set a password in the clipping setting, a pop-up box will appear. Enter your password and click “OK”.

# Summary

The purpose of this document is to show:

- How you connect your MDR (MCU) to a PC.
- How to download your recorded files in the vehicle via the MDR setup 'Rec Search'.
- View your recordings from an MDR.
- The ways to export data in various formats.

**Note:** The MDR Dashboard 6.0 is only compatible with Windows and **NOT** Apple devices. It does not cover all aspects of the MDR or it's software options.

For more detailed information please refer to the Manual in the link below:

[MDR 600 series Installation and Operations Guide](#)

# Contact Us

Brigade Electronics Group Plc.

Brigade House, The Mills, Station Road

South Darenth, Kent DA4 9BD, United Kingdom

Sales and Customer Services: +44 (0) 1322 420300

Technical Support: +44 (0) 1322 420347

[www.brigade-electronics.com](http://www.brigade-electronics.com)