

# VIDEOMANAGER: DEVICE PROFILE MANAGEMENT

## PREREQUISITES

This document assumes that:

- You are an administrator who is familiar with the VideoManager system already.
- You have already connected body-worn cameras to VideoManager.
- You have already configured users, roles, and groups.

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# WHAT ARE DEVICE PROFILES?

Device profiles are the mechanism which dictates how your body-worn cameras record footage and behave in the field. Before you assign cameras and start recording, you must ensure that you have created device profiles which fit the unique needs of your organization.

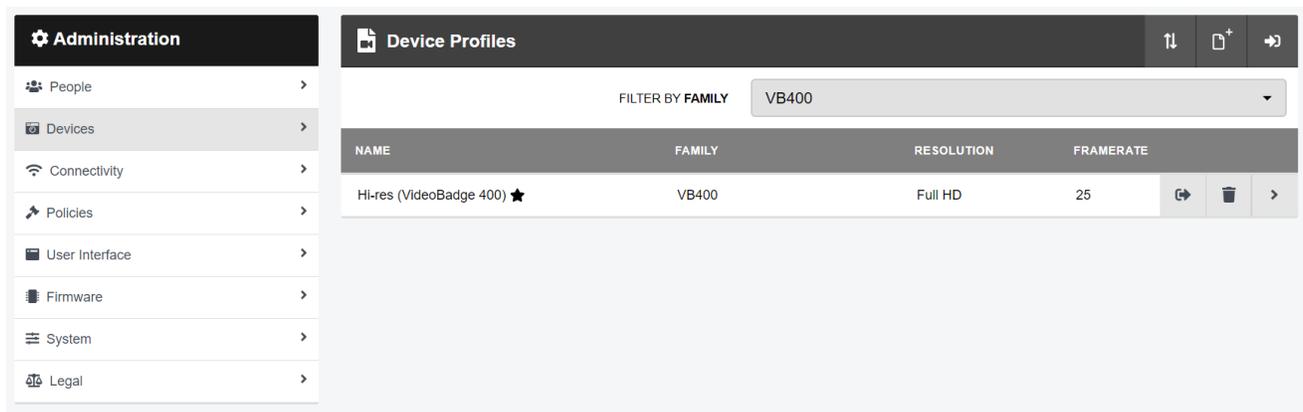
You can create as many profiles as necessary - for example, you may want to create one profile for high-resolution recordings, one for use with Yardarm™ HolsterAware™ Peripherals, and one for use with the VB Companion App.

Once you have created these profiles, you can control which body-worn cameras receive them, based on the body-worn cameras' operators. This ensures that your workers only have access to the profiles which are relevant to their workflow.

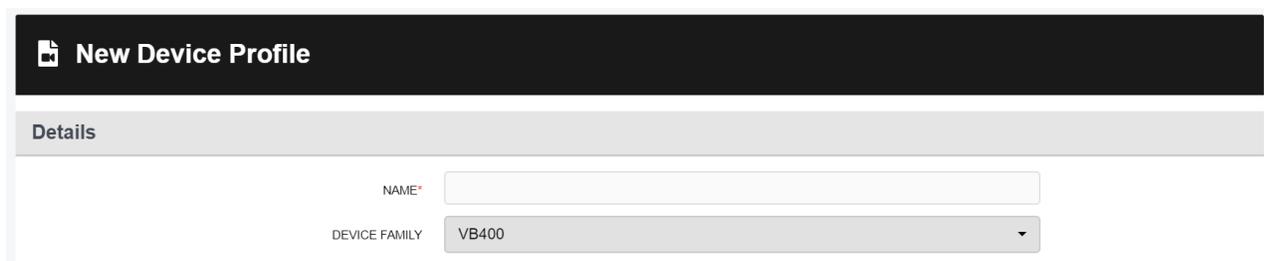
# HOW DO I CREATE A DEVICE PROFILE?

To create a new device profile:

- Open VideoManager.
- Navigate to the **Admin** tab.
- Select the **Devices** pane.
- Click the **Device Profiles** section.



- Click **Create Profile**.
- In the **Name** field, enter the name of the profile.
- From the **Device Family** dropdown, select the family of body-worn cameras to which this profile will apply. This could be **VB400**, or **VT100**.



The following steps differ, depending on which device family you've chosen.

# VB400 DEVICE PROFILE SETTINGS

## NOTIFICATIONS AND ALARMS

You can configure the following settings:

- **SOUND ALARM WHEN STORAGE NEARLY FULL**  
If the body-worn camera's storage is running low, an alarm will sound.
- **SOUND ALARM WHEN BATTERY LEVEL CRITICAL**  
If the body-worn camera's battery is running low (< 10 minutes remaining), an alarm will sound.
- **BLINK LED IN STANDBY**  
If the VB400 is idle (assigned and undocked, but not recording), its top LED will blink green at short intervals.
- **CUSTOMIZE LED PATTERNS**  
If enabled, you can select how the VB400's LEDs will behave when the body-worn camera is recording.
- **WHEN IN NORMAL MODE AND WHEN IN HUSH MODE**  
Enable or disable LEDs, beeps and vibrate for both modes.
- **RECORDING ALARM**  
If enabled, the VB400 will beep and vibrate periodically while it is recording. You can also configure the interval at which the beeps and vibrations will occur.

## POWER MANAGEMENT

You can configure the following settings:

- **BEHAVIOR WHEN IDLE**  
Select how the VB400 will behave when it has been undocked and assigned, but not recording.
  - **DEVICE ENTERS STANDBY MODE**  
The VB400 will enter standby mode. It will leave standby mode as soon as it is prompted to record again.
  - **DEVICE SHUTS DOWN**  
The VB400 will shut down. This means its battery will last longer in the field. It will turn on again a few seconds after being prompted to record.

## RECORDING BEHAVIOR

You can configure the following settings:

- **SHOW VIDEO METADATA OVERLAY**  
If enabled, the metadata overlay will be burned in for all videos recorded on a VB400 with this profile.
- **OVERWRITE OLDEST FOOTAGE WHEN FULL**  
If enabled, the VB400 will start overwriting its oldest footage when its storage is full. If disabled, the VB400 will stop recording once its storage is full.

- **PRE-RECORD**

If enabled, the VB400 will capture a period of time immediately before it is prompted to start recording. You can also configure:

- The length of the pre-record period (between 1 and 120 seconds)
- Whether the VB400 pre-records automatically, or must be manually prompted to start pre-recording. The button and gesture which prompts pre-recording can be configured in the **Controls** section.
- Whether the VB400 captures audio during pre-record.
- Whether the VB400 also has a post-record period, which is captured immediately after it is prompted to stop recording.

- **ENABLE GPS**

If enabled, the VB400 will capture location information for its videos. This information can be reviewed alongside the video on VideoManager.

- **VIDEO LENGTH**

The length of time for which a VB400 can record, after which the recording is split into multiple, shorter recordings for ease of review.

## VIDEO SETTINGS

You can configure the following settings:

- **VIDEO RESOLUTION**

Select the quality of videos recorded on VB400s in this profile.

- **FRAME RATE**

Select the frame rate of videos recorded on VB400s in this profile.

## BLUETOOTH SETTINGS

These settings are only relevant if you will be using your VB400 with compatible Yardarm HolsterAware Peripherals or the VB Companion App:

- **YARDARM HOLSTER-AWARE PERIPHERALS**

Select the number of sensors associated with VB400s in this profile. You must also pair these sensors with the user who will be operating the VB400.

- **PEER-ASSISTED RECORDING**

If enabled, when a VB400 starts recording, it advertises the recording state to nearby VB400s. Depending on the device policy of those VB400s, they may also start recording as well.

## COMPANION APP SETTINGS

These settings are only relevant if you will be using your VB400 with the VB Companion App:

- **ENABLE COMPANION APP**

If enabled, the VB400 can be used with the VB Companion App.

- **ENABLE MOTOROLA RADIO BT SMART READY CONNECTION**

If enabled, the VB400 can be used with the Motorola radio suite.

## CONTROLS

In this section, you can configure how various VB400 buttons (Front button, Function button A, Function Button B, Function Button C, and Slide) are mapped onto gestures (Press, Hold, Double click, Slide up, Slide down) and actions. The actions are as follows:

- **NO ACTION**  
Nothing happens.
- **START/STOP RECORDING**  
The VB400's recording state will change. If it was recording, it will stop recording. If it was not recording, it will start recording.
- **START RECORDING**  
The VB400 will start recording.
- **STOP RECORDING**  
The VB400 will stop recording.
- **SHUTDOWN**  
The VB400 will shut down.
- **SHOW BATTERY STATUS**  
The VB400's bottom LED will show the battery status of the body-worn camera. If it is **green**, the VB400 has a high battery level. If it is **yellow**, the VB400 is running low on charge. If it is **red**, the VB400 is about to shut down due to low battery.
- **RECORD BOOKMARK**  
If the VB400 is recording, it will place a bookmark in the footage. This bookmark will be visible on VideoManager when reviewing the footage.
- **ENTER HUSH MODE**  
The VB400 will enter hush mode.
- **EXIT HUSH MODE**  
The VB400 will leave hush mode.
- **TOGGLE HUSH MODE**  
The VB400's state will change. If it was in hush mode, it will leave hush mode. If it was not in hush mode, it will enter hush mode.

The following actions are only visible if pre-record has been configured to start and stop manually, from the **Recording Behavior** section:

- **START PRE-RECORD**  
The VB400 will start pre-recording. The length of the pre-record period depends on the configuration in the **Recording Behavior** section.
- **STOP PRE-RECORD**  
The VB400 will stop pre-recording, and the pre-recorded footage will be discarded.
- **TOGGLE PRE-RECORD**  
The VB400's pre-recording state will change. If it was pre-recording, it will stop. If it was not pre-recording, it will start.

The following actions are only visible if **Manual** has been selected from the **Wi-Fi Connection** dropdown:

- **CONNECT TO WI-FI**  
The VB400 will attempt to connect to Wi-Fi.
- **DISCONNECT FROM WI-FI**  
The VB400 will disconnect from Wi-Fi.
- **TOGGLE WI-FI CONNECTION**  
The VB400's Wi-Fi state will change. If it was connected to Wi-Fi, it will disconnect. If it was not connected to Wi-Fi, it will attempt to connect.

# VT100 DEVICE PROFILE SETTINGS

## RECORDING BEHAVIOR

You can configure the following settings:

- **SHOW VIDEO METADATA OVERLAY**  
If enabled, the metadata overlay will be burned in for all videos recorded on a VT100 with this profile.
- Whether the VT100 pre-records automatically, or must be manually prompted to start pre-recording. The button and gesture which prompts pre-recording can be configured in the **Controls** section.

## VIDEO SETTINGS

You can configure the following setting:

- **VIDEO RESOLUTION**  
Select the quality of videos recorded on VT100s in this profile.

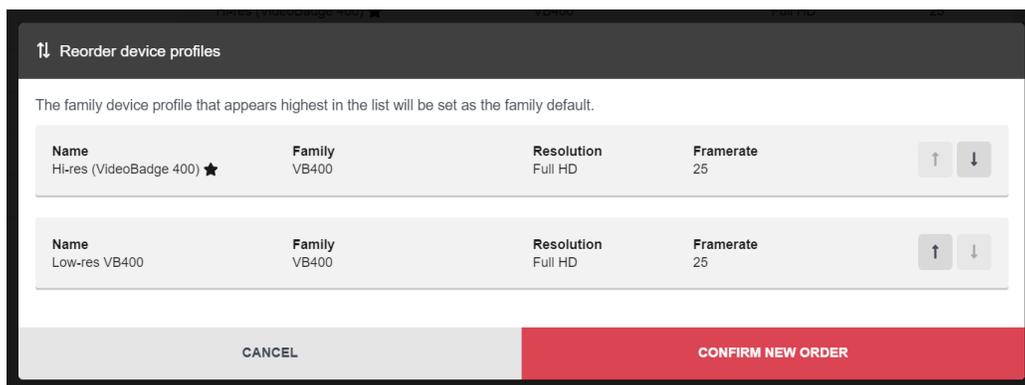
# ONCE I'VE CREATED A DEVICE PROFILE, HOW DO I APPLY IT TO A BODY-WORN CAMERA?

There are three ways to apply a device profile to a body-worn camera, depending on how your instance of VideoManager has been configured.

## 1: SET THE DEVICE PROFILE AS A SYSTEM DEFAULT

You can set a device profile as the system default for all users on VideoManager. Only users with the correct permissions (**Assign device and Select device profile when assigning**) can override this default. To do so:

- Navigate to the **Admin** tab.
- Select the **Devices** pane.
- Click the **Device Profiles** section.
- In the top right-hand corner, click **Reorder Profiles**.
- Using the arrows, reorder the profiles until the requisite device profile is at the top of the list. This will make it the default.
- Click Confirm **New Order**.



When assigning body-worn cameras, this device profile will now be presented as the default. If a body-worn camera is assigned to an operator with **Permanent Allocation**, and the operator is not part of a role with a different device profile, it will receive the default device profile.

## 2: APPLY DEVICE PROFILES TO ROLES

Device profiles can also be applied to entire roles, which are then in turn applied to groups of users. This is useful if workers in a particular division of your organization (e.g. security guards) need one device profile, while workers in another (e.g. retail workers) should have a different one.

This process is necessary if you will be assigning body-worn cameras to operators using the **Permanent Allocation** method - otherwise, those operators will always receive the system default device profile.

To apply a device profile to a role:

- Navigate to the **Admin** tab.
- Select the **People** pane.
- Click the **Roles** section.
- Click **Go to Role** next to the relevant role.
- In the **Default Device Profiles** field, click **+**, and select the device profile(s).
- Click **Save Role**.

If the role has not already been applied to groups, it should be applied now. To do so:

- Navigate to the **Admin** tab.
- Select the **People** pane.
- Click the **Groups** section.
- Click **Go to Group** next to the relevant group.
- In the **Roles** pane, set the role to **On**.

The screenshot shows the 'New Role' configuration form. It includes fields for 'NAME' and 'DESCRIPTION', a 'DEFAULT DEVICE PROFILES' section with a dropdown menu showing 'Hi-res (VideoBadge 400) VB400', and several toggle options: 'ADD NEW USERS TO THIS ROLE?' (NO), 'USE ALTERNATE PASSWORD COMPLEXITY?' (NO), 'TWO FACTOR AUTHENTICATION?' (Disabled), and 'REQUIRES PRIVILEGE ELEVATION?' (NO). A 'Create Role' button is at the bottom right.

The screenshot shows the 'Edit Group' configuration form. The 'GROUP NAME' is 'Sensor Users' and the 'DISPLAY NAME' is 'Enter a display name for this group'. A 'Save Group' button is at the bottom right. On the right side, there is a 'Roles' section with a table of role assignments:

Role	Status
SYSTEM ADMINISTRATOR	ON
ADMINISTRATOR	OFF
DEVICE OPERATOR	OFF
DEVICE OPERATOR (PERSONAL ALLOCATED)	ON
DEVICE OPERATOR (PERSONAL POOL), VB-400	OFF
DEVICE OPERATOR (POOL ISSUE - 1080P)	OFF

- Click **Save Group**.

Now, all users in that group will inhabit the role which has the correct device profile applied to it.

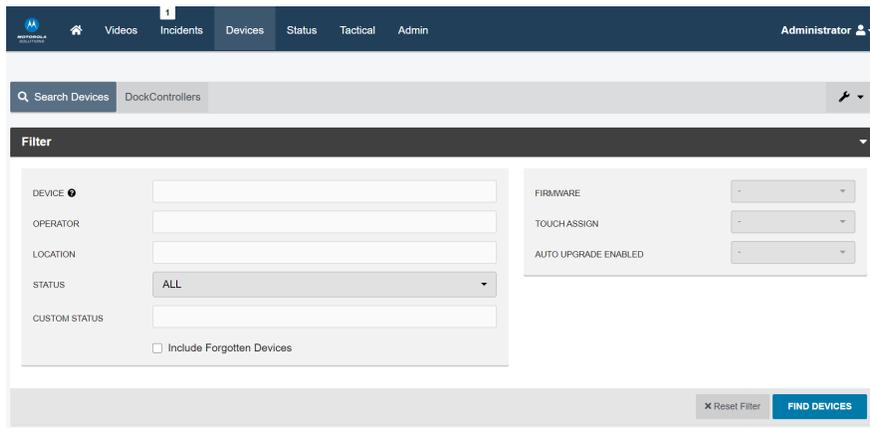
### 3: APPLY A DEVICE PROFILE WHILE ASSIGNING A BODY-WORN CAMERA

Finally, if you are an administrator assigning the body-worn camera to an operator manually, or if you are the operator and have the permissions to assign yourself a body-worn camera (**Assign device** and **Select device profile when assigning**), you can apply the device profile at the same time as you assign the body-worn camera.

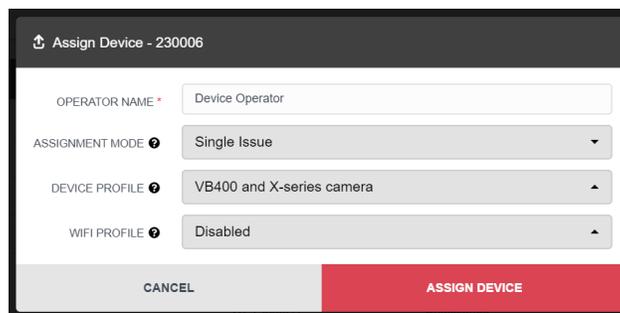
**PLEASE NOTE:** This method is only applicable if you will be assigning body-worn cameras with **Single** or **Permanent Issue**. If you will be assigning body-worn cameras with **Permanent Allocation**, please see the two previous sections

To apply a device profile when you assign a body-worn camera:

- Navigate to the **Devices** tab.
- In the **Search Devices** pane, filter the body-worn cameras as necessary, and click **Find Devices**.



- Click **Assign Device**.
- In the **Operator Name** field, enter the name of the operator who will be using this body-worn camera.
- From the **Assignment Mode** dropdown, select one of the following options:
  - **Single issue** - the body-worn camera will be assigned to the operator for one trip. Once it has been docked, it will become unassigned again.
  - **Permanent issue** - the body-worn camera will be permanently assigned to the operator, even when it is docked.
- From the **Device Profile** dropdown, select the previously-created device profile.



- Click **Assign Device**.

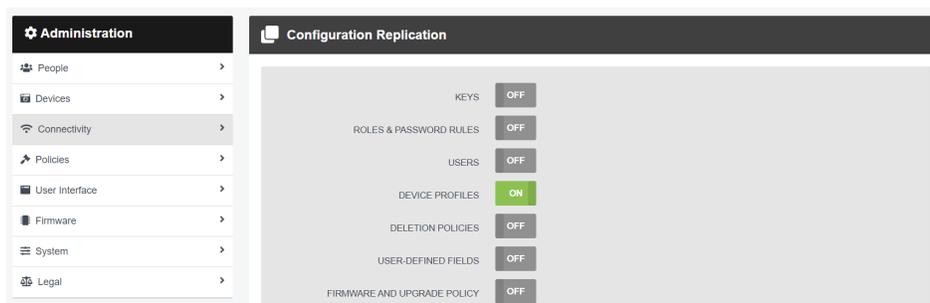
# HOW DO I REPLICATE DEVICE PROFILES ACROSS MULTIPLE INSTANCES OF VIDEOMANAGER?

If you have multiple instances of VideoManager, you can copy the device profiles from one instance to another. This is useful if you have a Central VideoManager with multiple Sites (e.g. for satellite offices or remote workers), or a test server.

## REPLICATE DEVICE PROFILES FROM A CENTRAL VIDEOMANAGER TO SITES

If you are on a Central VideoManager, you can replicate device profiles across your sites, to be updated automatically when a change happens on the Central VideoManager. To do so:

- Navigate to the **Admin** tab.
- Select the **Connectivity** pane.
- Click the **Configuration Replication** section.

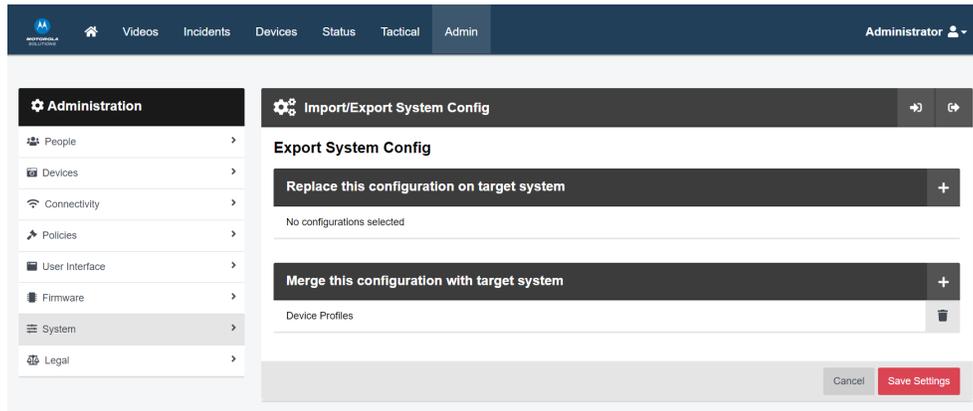


- Set **Device Profiles** to **On**.
- Click **Save Settings**.

## MANUALLY EXPORT AND IMPORT ALL DEVICE PROFILES (14.5 ONWARDS)

If you would like to export all of your device profiles from one instance of VideoManager (e.g. a test system) into another instance (e.g. a live system):

- In the original instance of VideoManager, navigate to the **Admin** tab.
- Select the **System** pane.
- Click the **Import / Export system config** section.



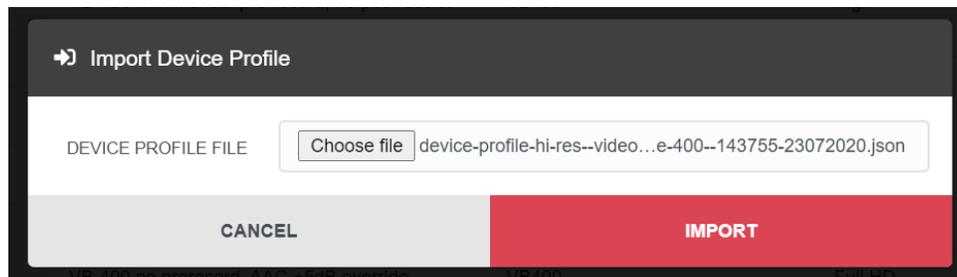
- In the **Merge this configuration with target system** section, click **+** and select **Device Profiles** from the dropdown.
- Click **Save Settings**.
- Click **Export System Config** in the top right-hand corner. The configuration will be downloaded to your PC's default downloads location as an XML file.
- In the new instance of VideoManager, navigate to the **Admin** tab.
- Select the **System** pane.
- Click the **Import / Export system config** section.
- Click **Import System Config**.
- Select the previously-exported XML file and click **Confirm**.

**PLEASE NOTE:** Any device profiles on VideoManager which have the same names as the imported device profiles will be overwritten.

## MANUALLY EXPORT AND IMPORT INDIVIDUAL DEVICE PROFILES

If you would like to export individual device profiles from one instance of VideoManager (e.g. a test system) into another instance (e.g. a live system):

- In the original instance of VideoManager, navigate to the **Admin** tab.
- Select the **Devices** pane.
- Click the **Device Profiles** section.
- Click **Export Profile** next to the relevant device profile. It will be automatically downloaded to your PC as a JSON file.
- In the other instance of VideoManager, navigate to the **Admin** tab.
- Select the **Devices** pane.
- Click the **Device Profiles** section.
- Click **Import Profile**.
- Select the previously-exported profile.



- Click **Import**.

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