



Body-Worn Camera solutions for commercial markets

CAPTURE. SECURE. PROTECT.



MOTOROLA SOLUTIONS

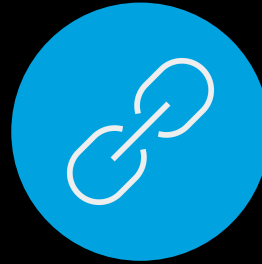
WHY BODY-WORN CAMERAS?



PROTECTION



ACCOUNTABILITY



INTEGRATION



SECURITY



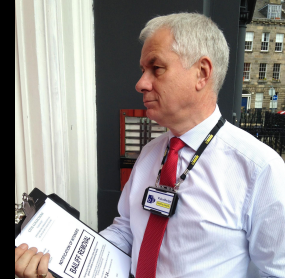
INDUSTRY FOCUS



RETAIL



SECURITY



CODE ENFORCEMENT



PARKING ENFORCEMENT



HEALTHCARE



LONE WORKERS



TRANSPORTATION



WHY BODY-WORN CAMERAS?



VT100 BODY-WORN CAMERA

Built for customer-facing teams, lightweight cameras integrate with fixed video security systems to provide safe working environments



Push-to-stream alerting provides control room team visibility



RFID camera check-out ensures recordings are associated with employee



Up to six months of stand-by battery life ensures camera availability



Live streaming via WiFi or 4G keeps colleagues informed in real-time





VT100 BODY-WORN CAMERA

RECORD. RESPOND. PROTECT.

- VMS integration
- Record local / remote livestream / alarm center notification
- Up to 3 hours continuous recording or 1.5 hours of live streaming
- 6 month standby battery-life
- 16GB on-board storage
- Full HD recording (1280 x 720)
- Secure file encryption: while recording, at rest and in transit
- Flexible mounting (lanyard, clip, klick fast stud, epaulette)
- Ability to brand with your logo
- 1 year warranty



VB400 BODY-WORN CAMERA

The most-reliable, unbiased witness to events that builds trust with the communities and organisations they protect



Pre- and post-record captures critical moments



Peer-assisted recording activates nearby cameras for added views



Live streaming via WiFi or 4G keeps colleagues informed in real-time



Bluetooth sensor monitoring provides options for recording triggers



RFID camera check-out ensures recordings are associated with employee





VB400 BODY-WORN CAMERA

RECORD. RESPOND. PROTECT.

- Up to 12 hours continuous recording or 6 hours of live streaming
- VMS integration with ONVIF systems
- Full HD recording up to 1080p
- GPS
- 'Bookmark' critical incidents during a recording
- Secure file encryption: while recording, at rest and in transit
- Ruggedised and flexible mounting options
- Ability to brand with your logo
- Bluetooth radio integration (specific radios)
- 1 year warranty

VT100 **VERSUS** VB400



	VT100	VB400
Dimension	3.1 x 2.0 x 0.9 in	2.7 x 3.5 x 1.04 in
Weight	2.5 oz	5.7 oz
Memory Size	16 GB	64 GB
IP rating	IP 54	IP 67 MIL-STD-810G
Field of view (H)	Wide Angle, 130 deg	120 deg horizontal, 65° vertical, 140° diagonal



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VT100 **VERSUS** VB400



	VT100	VB400
Resolution	HD to 1280 x 720	HD to 1920 x 1080
Frames per Second	30	25 or 30
Supports low light to 2 lux		X
Live Stream via WiFi to VideoManager / VMS	X	X
Ability to brand the camera	X	X
Notification when camera storage nearly full		X



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Ability to brand the camera	X	X
Notification when camera storage nearly full		X



VT100 **VERSUS** VB400



	VT100	VB400
Notification when battery level critical		X
Customize LED patterns		X
Enable audible beep (on / off)		X
Enable vibrate / haptic feedback (on / off)		X
Peer Assisted Recording		X
Pre / Post-Record available (up to 2 minutes)		X



VT100 **VERSUS** VB400



	VT100	VB400
Ability to bookmark footage while recording		X
Bluetooth compatible integration / triggers		X
Configurable camera function control buttons		X
Ability to configure recording resolution		X
GPS tracking & mapping		X
Battery life while recording (live streaming will affect battery life)	3 hours	12 hours





ADDITIONAL HARDWARE



DOCKING STATIONS



1-PORT DOCK

- Small and convenient
- Enables rapid charging and offload of video footage to VideoManager via LAN or WiFi
- Powered over USB for a single-wire solution
- DOCK is different for the VT100 and VB400



14-PORT DOCK

- Holds up to fourteen cameras: cannot use same dock for both cameras
- Enables simultaneous charging and offload of video footage to VideoManager via LAN or WiFi
- Expandable (using DockController) for connecting large fleets of cameras to VideoManager
- Recommended for use with our RFID scanner
- DOCK is different for the VT100 and VB400



DOCKCONTROLLER

Expand your charging and offload solution to larger fleets of body-worn cameras:

- Gigabit ethernet connection for rapid downloads
- Connects up to four 1-port docks
 - Up to 4 camera slots, as a distributed solution
- Connects up to six 14-port docks
 - Up to 84 camera slots, as a high capacity solution
- Enables remote deployments, interconnected over corporate intranet
- Compatible with RFID reader for automatic camera assignment



CAMERA ALLOCATION

FAST CAMERA ALLOCATION



RFID RF-220 FEATURES:

- Maximum one Reader per Dock Controller = maximum 84 cameras per Reader
- Can use customer RFID tags if compatible
- Can use MSI-supplied RFID tags
- Users need unique RFID serial in Touch Assign field in VideoManager



BEYOND THE CAMERA

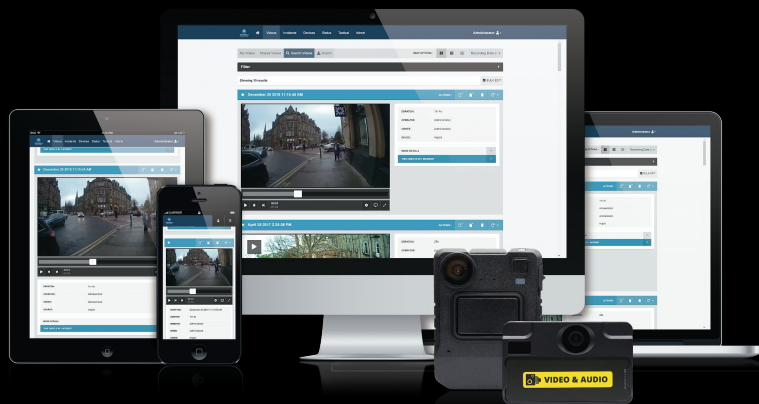


VIDEOMANAGER

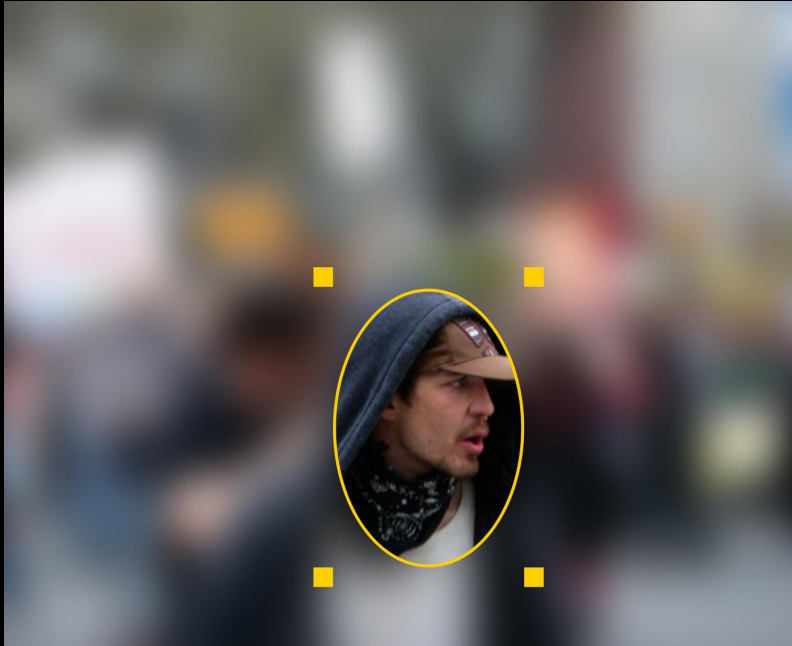
CAMERA, USER AND FOOTAGE MANAGEMENT SOFTWARE

VIDEOMANAGER FEATURES:

- Device management
- User management
- Preparation of recorded footage for evidence export
- Reporting, Auditing and Data retention controls
- Streaming gateway from cameras to Avigilon Control Center (ACC) or other ONVIF Video Management Systems



VIDEOMANAGER EDITING TOOLS



Long video? Bystanders in the background? Confidential information exposed during a recording?

All of these problems can be overcome with VideoManager's advanced, simple-to-use editing features, including:

- **REDACT:** Conceal the identity of an individual by blurring the item or the background. You can also redact audio
- **CROP:** Provide only the relevant footage by cropping longer videos quickly and easily
- **SHARE:** Securely share footage via a link sent within your network

VideoManager NEVER modifies or overwrites the original footage

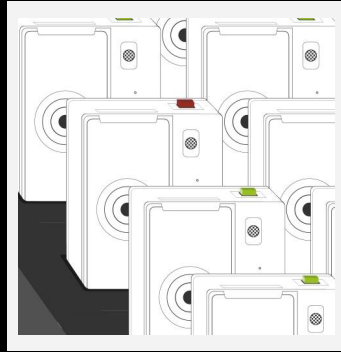


RFID ASSIGNMENT PROCESS



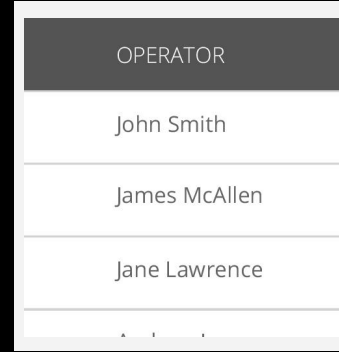
Requesting a camera

Users simply swipe their personal ID / RFID card across the RFID reader to initiate a request for a VT100 or VB400.



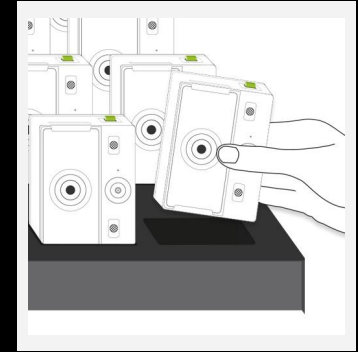
Identifying the camera

VideoManager automatically assigns a VT100 or VB400 to the user. The camera illuminates a solid red LED to identify itself.



Tracking the User

VideoManager tracks which user is using which VT100 or VB400. Each camera is associated with a user until its return.



Returning the camera

The user docks their VT100 or VB400. Video footage is uploaded and tagged with the user's ID. The camera is de-allocated and its battery is charged.

VT100 / VB400 assignment may also be done manually, but process is more complex



CAMERA CHECK OUT AND RETURN WITH VIDEOMANAGER



ASSIGN A CAMERA USING VIDEOMANAGER, STEP 1 OF 8

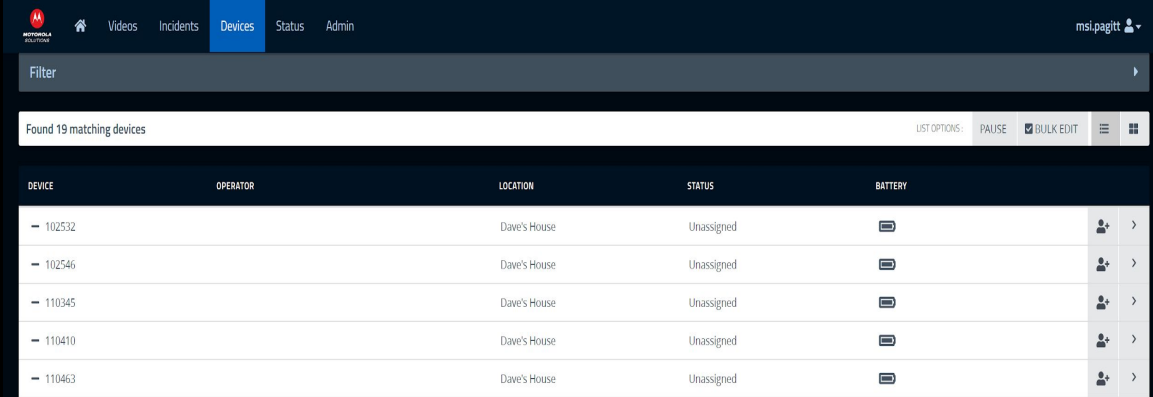
- You must have the right permissions within VideoManager to allocate a camera to a user
- Sign into VideoManager and click on Devices

DEVICE	OPERATOR	LOCATION	STATUS	BATTERY	
102532		Dave's House	Unassigned		
102546		Dave's House	Unassigned		
110345		Dave's House	Unassigned		
110410		Dave's House	Unassigned		
110463		Dave's House	Unassigned		



ASSIGN A CAMERA USING VIDEOMANAGER, STEP 2 OF 8

- Scan list provided for desired device
- Select the device you wish to assign



The screenshot shows the Motorola VideoManager interface. The top navigation bar includes 'Videos', 'Incidents', 'Devices' (selected), 'Status', and 'Admin'. The user 'msl.pagitt' is logged in. A search filter is present, and a message indicates 'Found 19 matching devices'. Below this is a table with columns for DEVICE, OPERATOR, LOCATION, STATUS, and BATTERY. The table lists five devices, all with 'Unassigned' status and 'Dave's House' location. Each row has a minus sign on the left and a user icon with a right arrow on the right.

DEVICE	OPERATOR	LOCATION	STATUS	BATTERY
- 102532		Dave's House	Unassigned	
- 102546		Dave's House	Unassigned	
- 110345		Dave's House	Unassigned	
- 110410		Dave's House	Unassigned	
- 110463		Dave's House	Unassigned	



ASSIGN A CAMERA USING VIDEOMANAGER, STEP 3 OF 8

- Start typing the name of the person you want to assign the device to

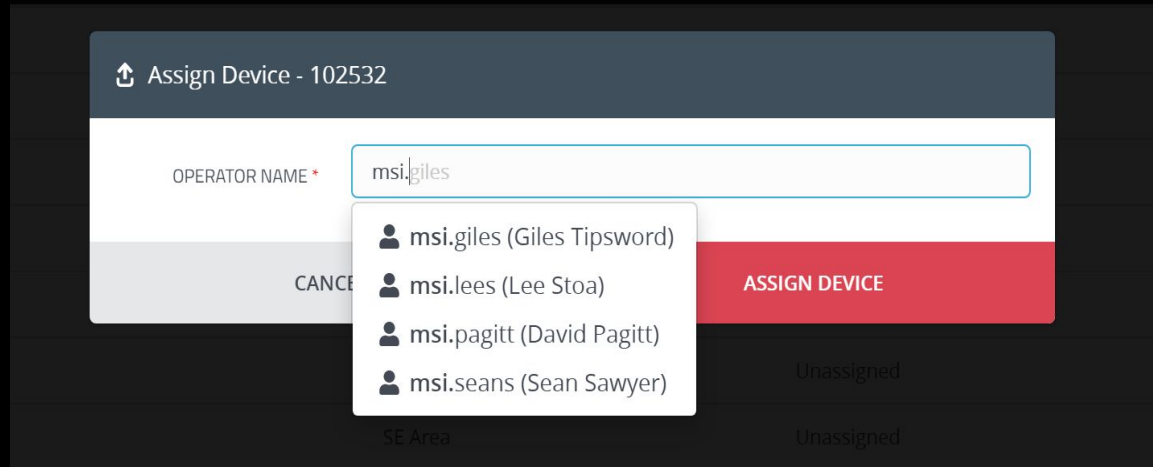
The screenshot shows a modal dialog box titled "Assign Device - 102532" with an upward arrow icon. Below the title is a text input field labeled "OPERATOR NAME *". At the bottom of the dialog are two buttons: "CANCEL" on the left and "ASSIGN DEVICE" on the right. The background is dimmed, showing a table with columns "LOCATION" and "STATUS".

LOCATION	STATUS
TS Testing Cube S2A17	Unassigned
RF App	Unassigned



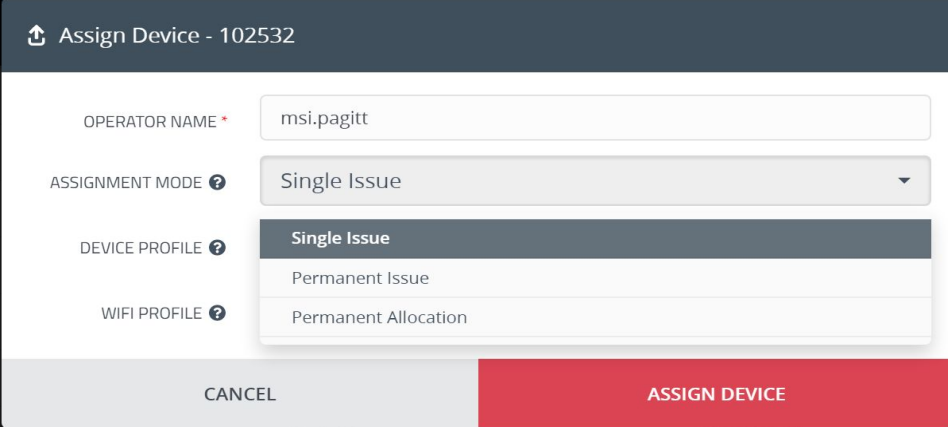
ASSIGN A CAMERA USING VIDEOMANAGER, STEP 4 OF 8

- Select the name of the person who you want to assign the device to



ASSIGN A CAMERA USING VIDEOMANAGER, STEP 5 OF 8

- Decide on the type of allocation:
 - Permanent Issue: if you want the user to keep the device assigned to them going forward
 - Single Issue: if you want the user to use the device for that day / shift



The screenshot shows a web interface for assigning a device. The title is "Assign Device - 102532". There are four fields: "OPERATOR NAME" with the value "msi.pagitt", "ASSIGNMENT MODE" with a dropdown menu showing "Single Issue", "DEVICE PROFILE" with a dropdown menu showing "Single Issue", and "WIFI PROFILE" with a dropdown menu showing "Permanent Allocation". At the bottom, there are two buttons: "CANCEL" and "ASSIGN DEVICE".


Field	Value
OPERATOR NAME	msi.pagitt
ASSIGNMENT MODE	Single Issue
DEVICE PROFILE	Single Issue
WIFI PROFILE	Permanent Allocation

Permanent Allocation is not associated with manual allocation



ASSIGN A CAMERA USING VIDEOMANAGER, STEP 6 OF 8

- If you want the user to be able to use a WiFi network for live streaming or video upload, select the desired WiFi profile
- If you do not want live streaming and / or WiFi upload capability, you don't need to assign a WiFi profile
- Click on 'Assign Device' (red box at bottom right)



The screenshot displays the 'Assign Device - 102532' configuration window. It features four main settings:

- OPERATOR NAME:** msi.pagitt
- ASSIGNMENT MODE:** Single Issue
- DEVICE PROFILE:** Hi-res (VideoTag 50 / 100)
- WIFI PROFILE:** Demo1

A dropdown menu for the WiFi Profile is open, showing two options: 'Demo1' and 'Disabled'. A red box is visible at the bottom right corner of the form, indicating the 'Assign Device' button.



ASSIGN A CAMERA USING VIDEOMANAGER, STEP 6 OF 8

- If you want the user to be able to use a WiFi network for live streaming or video upload, select the desired WiFi profile
- If you do not want live streaming and / or WiFi upload capability, you don't need to assign a WiFi profile
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Assign Device - 102532

OPERATOR NAME * msi.pagitt

ASSIGNMENT MODE ⓘ Single Issue

DEVICE PROFILE ⓘ Hi-res (VideoTag 50 / 100)

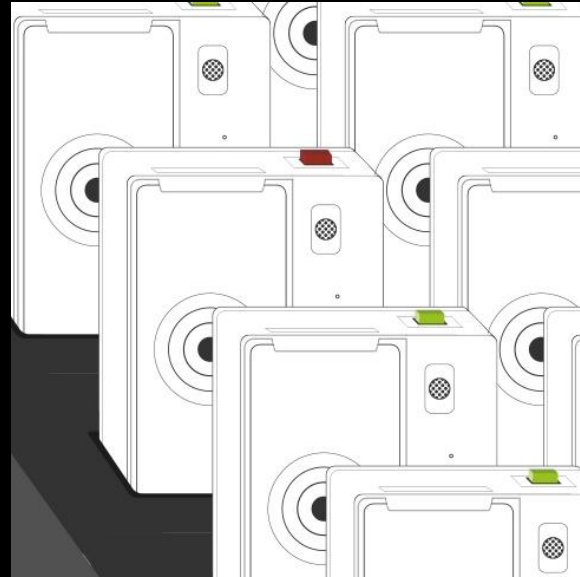
WIFI PROFILE ⓘ Demo1

Cancel Assign Device



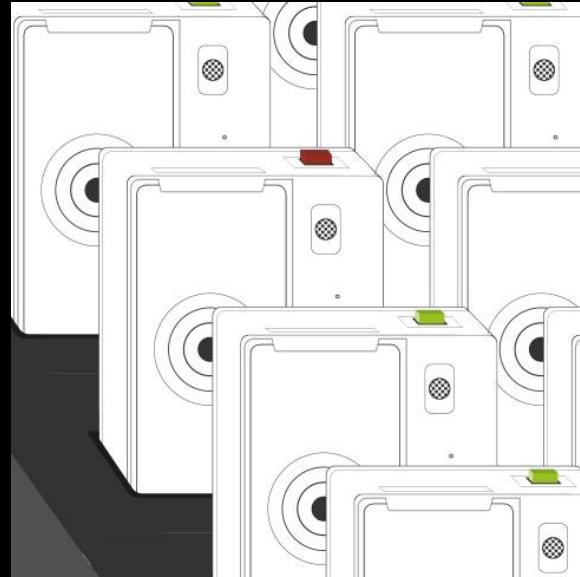
ASSIGN A CAMERA USING VIDEOMANAGER, STEP 7 OF 8

- VideoManager automatically assigns a camera to a user, identified by a solid red LED on the top of the camera
- User takes assigned camera



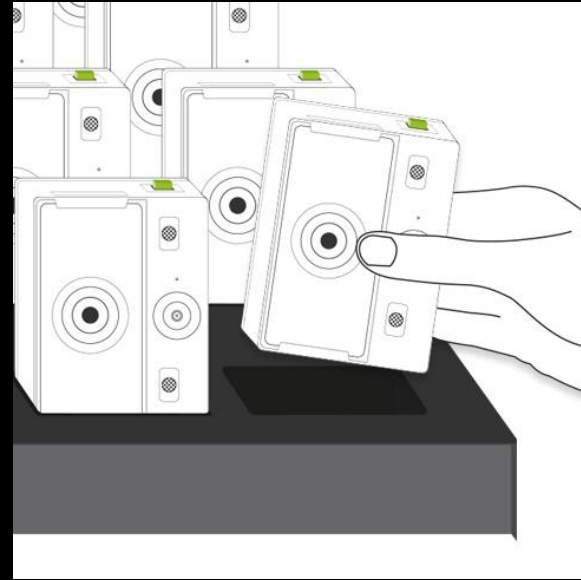
ASSIGN A CAMERA USING VIDEOMANAGER, STEP 7 OF 8

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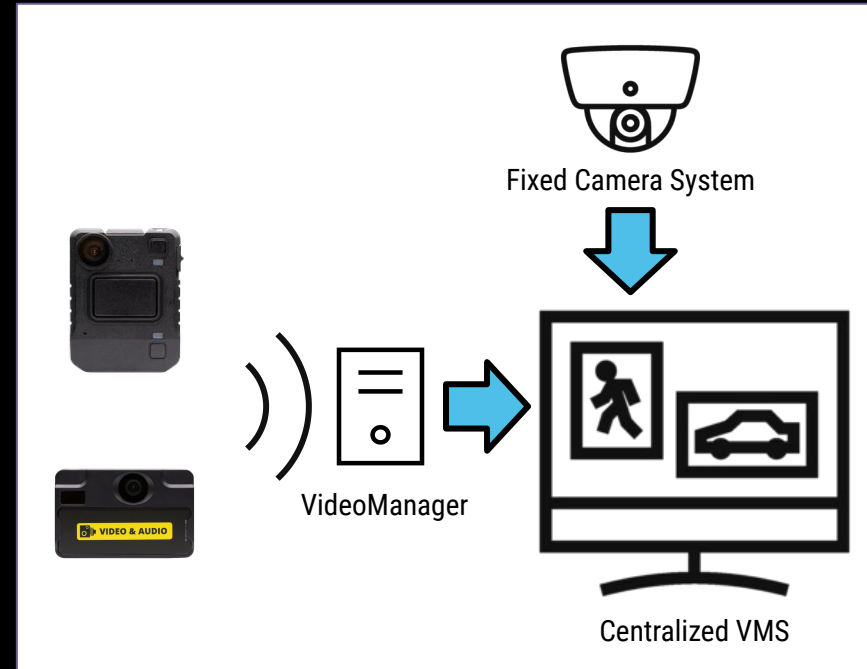
ASSIGN A CAMERA USING VIDEOMANAGER, STEP 8 OF 8

- User docks their camera for footage upload and charging
- If the camera was assigned for single use, the camera is returned to the 'pool' of available cameras
- If the camera was permanently assigned, the user will need to use that specific device going forward until the device is returned to the 'pool' in VideoManager



INTEGRATION WITH FIXED CAMERA SYSTEM

- Unify a site's security and monitoring systems at a centralized location
- Get more contextual detail from a combined fixed and body-worn camera system
- Record live streams as evidence, and securely share them with third parties, including the police or
- Initiate an 'alarm' to centralized VMS when a recording is initiated



WHAT DO I NEED?

Item	Required	Optional	Notes
Camera	X		1 year of hardware warranty included May buy up to 2 additional years of warranty
Mount	X		Select the mount that meets the needs of your environment
VideoManager License	X		1 perpetual license needed per camera. 1 year software support / upgrades included. May buy additional support / upgrades each year
1-Port Dock	(X)		Dependent upon number of devices being deployed at each location: fewer devices, 1-port dock may be more cost-effective
14-Port Dock	(X)		When deploying high numbers of cameras, or want to use a 'pool' model, may be more cost effective than 1-port docks
DockController		X	Needed if you want to link together up to 6x 14-port docks, or 4x 1-port docks and must use if you want RFID deployment of VT100s
RFID Scanner		X	Needed if you want to use RFID to allocate your cameras: 1 per DockController





THANK YOU



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