

Command Management Console



Enterprise video systems can span multiple buildings, locations and regions with possibly thousands of cameras and hundreds of recorders. Management of systems across the enterprise can be challenging especially when it comes to configuration, updates and health monitoring of every site. The CheckVideo Command Management Console (CVCommand) is an enterprise grade management tool that provides a single view of all your assets from any web browser. With powerful device and user management functions, live dashboards, health reports and action shortcuts, CVCommand dramatically simplifies management functions and scales to an unlimited number of cameras and users.

By enabling core diagnostics, troubleshooting and remote recovery, CVCommand also saves on field trips for routine maintenance tasks. With CVCommand, it is easy to keep tabs on the health of your system and keep it running reliably.

Role-based administration lets supervisors appoint administrators for specific functions such as read-only access to device status views or edit and configuration capability. This minimizes the chance of accidental or malicious misconfiguration.



DEVICE MANAGEMENT

System Dashboard

The System Dashboard is a common view for all devices enrolled into the CheckVideo Cloud VMS, and available within a user's account scope. It displays devices, their model and MAC address, online status with last heartbeat date and time, the amount of cloud storage configured and recording status. One-click sort allows you to instantly identify devices that may be offline or reporting recording errors.

The screenshot shows the 'Account Device Status' page in the CheckVideo interface. The page includes a search bar, an 'Export' button, and a table with the following columns: Name, Type, MAC Address / Serial #, Last Heartbeat, Cloud Storage, Port Forward, Rec. Status, and Actions. The table lists various devices with their respective details and status indicators.

Name	Type	MAC Address / Serial #	Last Heartbeat	Cloud Storage	Port Forward	Rec. Status	Actions
SkateQuest CV4IP	CV4IP3201	00210F00B74A	2019-09-24 12:46:23 EDT	5 Days	Check	OK DVC	Actions
AUSTINS OFFICE ADAC DEMONSTRATION UNIT	CV1371005	00210F00AA39	2019-09-24 09:44:28 PDT	14 Days	Check	OK DVC	Actions
CV154 Int Waiting Area	CV1540001	00210F00A5D2	2019-09-24 12:47:26 EDT	1 Month	Check	OK DVC	Actions
SkateQuest ExpressHD 2	CV1540001	00210F00B1CA	2019-09-24 12:47:47 EDT	1 Month	Check	OK DVC	Actions
SkateQuest ExpressHD 1	CV1540001	00210F00A04A	2019-09-24 12:46:58 EDT	1 Month	Check	OK DVC	Actions
SkateQuest ExpressHD 3 - Balun	CV1540001	00210F00B186	2019-09-24 12:45:43 EDT	1 Month	Check	OK DVC	Actions
SkateQuest CVVIEW	CV2001000	00210F00AB0E	2019-09-24 12:47:45 EDT	1 Month	Check	Devices	Actions
CV168 Parking Lot-Front Entrance	CV1681000	00210F00A471	2019-09-23 15:53:07 EDT	1 Month	Check	OK DVC	Actions
CV137 Parking Lot-Side	CV1371000	00210F00A9B8	2019-09-24 12:47:51 EDT	1 Month	Check	OK DVC	Actions
DreamBoat demo 3	CV1671000	00210F007C76	2019-08-18 12:08:29 EDT	1 Month	Check		Actions
Safe Side EHD	CV1671000	00210F00B19E	2019-08-23 09:04:01 PDT	1 Month	Check	OK DVC	Actions
00210F007883	CV4IP1001	00210F007883	2019-09-24 12:46:25 EDT	1 Month	Check	ERROR	Actions
test-610c	CV1511000	00210F006F0C	2019-09-24 12:48:39 EDT	1 Month	Check		Actions

Advanced Filtering

With possibly thousands of cameras across the enterprise, it is important to be able to quickly narrow down specific cameras or devices. CVCommand includes powerful search and filtering capabilities to find devices by name, location, site, IP Address or MAC Address. For instance, when trying to diagnose a connectivity issue for a camera, it is easy to search for other cameras at that site that share the same local network. It can help identify mis-configured network settings or cameras that are mis-categorized into the incorrect site or location.

Drill Down capability

Once you have narrowed down to a camera or recorder, one-click drill down provides detailed configuration information about the device or recording status. For devices with recording errors, CVCommand provides insights into the root cause and severity of the error, by qualifying non-recoverable errors such as media corruption from recoverable errors such as network interruption.

CVVIEW	
ID	650
Type	CV2001000
MAC Address	00210F00AB0E
Online	YES
Local IP	192.168.10.53
Public IP	192.168.10.53
Public Port Number	65432
Heartbeat Policy	5 seconds
Last Heartbeat	2019-09-24 12:47:45 EDT
Cloud Storage	1 Month
Device Time Zone	US/Eastern
Location	
Site	

Name	Port	IP Address	Status	NVR	Actions
New-IPCam-1	1	10.2.1.31	OK DVC	NA	View NVR
New-IPCam-11	2	10.2.1.34	ERROR	NA	View NVR
IPCam10-2-1-31	3	10.2.1.31	OK DVC	NA	View NVR
IPCam10-2-2-140	4	10.2.2.140	OK DVC	NA	View NVR

Rec. Status	Actions
OK DVC	Actions
OK DVC	Actions
OK DVC	Manage Users
OK DVC	Restart Device
OK DVC	Filter by this IP
OK DVC	Actions

One Click Actions

The System Dashboard also includes one-click convenience actions to simplify administration. For instance, if a new employee needs access to a camera, that function is easily accessed right from the Action dropdown on the System Dashboard. Similarly, you can remotely restart a camera or recorder or find other devices that are on the same network segment.

Export Reports

Data on the System Dashboard can be exported easily for future reference or further analysis. Save all records or just the filtered set into CSV or HTML format. Whether it is a few cameras or all cameras across the enterprise, this can be easily done with an Export button on the System Dashboard.

USER MANAGEMENT

Add User Accounts

The Primary User is the owner and main contact for this CheckVideo account. This person defines system preferences, including access for additional users to the same CheckVideo system.

Multi-Factor Authentication (MFA)

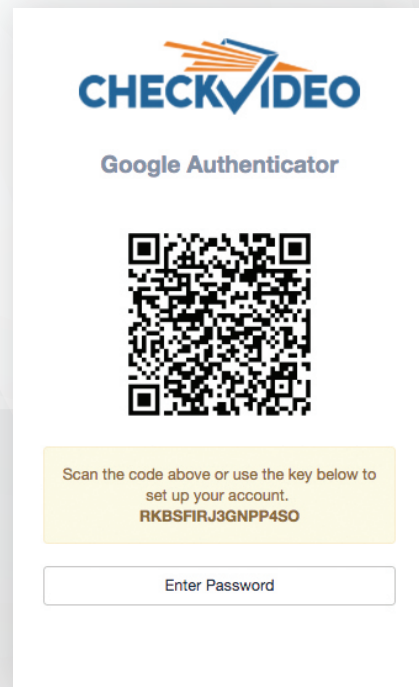
Multi-Factor Authentication (MFA) adds an extra layer of protection on top of your user name and password. With MFA enabled, when a user signs in, they will be prompted for their user name and password, as well as for an authentication response from their MFA device. Taken together, these multiple factors provide increased security for your CheckVideo account settings and resources.

Active Directory Integration

User credentials can be managed by CheckVideo or integrated with Active Directory as the authorization mechanism which can be configured on a per-user basis. This makes it possible for enterprises to have a centralized Identity Provider.

Audit Logs

Administrator activities such as user-device association, account creation and deletion are recorded. User logins are also recorded and maintained. Device error logs are also available for viewing.



Manage Account Users

Search Users:

Email Address	First Name	Last Name	Customer ID	Actions
	Anthony	Novotne		Actions
	ADAC	AUSTIN KUSHAR		Manage
	CheckVideo	Engineer		Assign devices
	David	White		Clone
	ONTEL SECURITY	DAVID MCCANN		Delete

CLOUD VMS

CheckVideo's revolutionary managed service enables centralized configuration, viewing and monitoring of video feeds across hundreds or thousands of locations while reducing infrastructure costs. Every video camera enrolled into the service benefits from remote live, playback and export without the need to add servers or install software. Combining the best of on-premise recording and off-site backup, your video evidence is safe.

An industry-first search engine saves hours of time on investigations, and built-in video analytics notify you about activities of interest as they occur, not after the fact. As a managed system, updates are included and automatically applied, and the health of the system is monitored to ensure that your property stays secure.



BENEFITS

Automated Software Updates

Pushes software updates over the network ensuring you always have the latest features.

Built-in Health Monitoring

Our devices monitor their own health and alert within minutes if any component, including your 3rd party cameras, have an issue.

Unified Management Interface

Provides single-point management of all appliances, with automatic time synchronization across customer locations.

Web Based Integration

Delivers point-and-click setup via a web browser.

IP Security

Aggregates, authenticates and encrypts data from video cameras, keeping hackers out.

Software as a Service

Hosted software for system configuration and management that easily scales with business growth, eliminating the need for capital investment in local servers.

Video Dashboard

Enables viewing of video alarm, streaming live and recorded video from all cameras.

Configuration Backup

Stores configuration settings on the CheckVideo appliance and the CheckVideo servers.