Release Notes

FortiCamera Cloud 24.1.0

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Change log

The following is a list of documentation changes. For a list of software changes, see the other contents of this document.

Date	Change Description
2024-03-04	Initial release of FortiCamera Cloud 24.1.0 Release Notes.

Introduction

FortiCamera Cloud is video surveillance as a service (VSaaS). It provides management of Fortinet FortiCamera cloud-native cameras, and the ability to view live and previously recorded video. Easy operation and scalability support installations from small businesses to very large organizations.

This document provides information about changes in the FortiCamera Cloud 24.1.0 build 007 release.

What's new

- Logs now have a date filter
- Mute/unmute button for video streams
- FortiRecorder ports show on **Maintenance > Network**
- Show network information on **Cameras > Manage Cameras**
- Support new design of FortiCare menus in the Support dropdown

Improvements

- Timeline no longer jumps while dragging
- Adjusting schedule periods now works more smoothly
- Timeline can now center-zoom
- Adjusted the time length range for exported video clips to 1 - 30 minutes
- Detect when lost RTP packets cause video start failure
- Added error message for wrong infrared threshold settings
- Support for GUI session heartbeat
- Support for FortiCare OU edge cases, such as 2FA redirects

Resolved issues

- Failed to save the configuration to the database when a camera was offline
- When changing settings on a camera that is connected via FortiRecorder, recording no longer stops
- Connectivity graph showed an invalid date after the site timezone was changed
- Connectivity graph showed the local time of the administrator's computer, not the site
- Prevent overwrite wireless settings and camera becoming inaccessible
- Navigation bar could disappear after a browser hard refresh on **Site > Settings**
- Video was paused after a browser refresh
- Fixed the rotation direction of the loading icon
- Network connection type on video overlay was not compatible with Mozilla Firefox
- Motion on timeline did not update while watching live video feed, and required a browser refresh
- When renaming a schedule with a period, the settings were cleared
- Fixed renaming of schedule and video profiles
- External IdP users were not blocked from accessing the FortiCamera Cloud portal
- When exporting and downloading video clips, the calendar widget did not default to the same time as the edit field (the current timestamp on the video player)
- Cameras did not show the same status on the organization dashboard and the hyper dashboard (all organizations)
- Fixed camera navigation issue on **Cameras > Claim Cameras**
- No notification appeared when saving changes on **Settings > Motion**

Vulnerabilities

- Overrun found in `tunneld`
- Name format check for REST API api/v1/site for creating site
- Cross Site Scripting on **Maps**
- Cross-site request forgery
- Server version information leak on WebSocket response headers
- Path manipulation
- Precaution fix: Out-of-bounds read
- Precaution fix: Name format check for REST API `api/v1/org`
- Precaution fix: Sanitize input for user's name in organization and site user management
- Precaution fix: Filter user text format input for new organization creation
- Precaution fix: Reduce the session cookie timeout
- Precaution fix: Remove unused database API code
- Precaution fix: Filter user text format input for new site creation
- Precaution fix: Sanitize user input for camera name
- Precaution fix: Sanitize user input for camera wall name under **Views**
- Precaution fix: Outdated libraries

- Precaution fix: Sanitize user input for the camera profile name
- Precaution fix: Sanitize user input for the camera schedule name

Known issues

- FortiCam-MC51 cameras connected via FortiRecorder cannot set sensitivity and item size for motion detection

Special notices

⚠️ This is a beta release. Some features could change, or are not yet optimized.

H.265 codec support is not enabled in the beta release. Some web browsers and hardware do not support it yet. Future availability will depend on web browser and hardware support.

Compatibility

Supported FortiCamera models

Cloud native FortiCamera models are designed to connect to and be managed by FortiCamera Cloud, with on-board storage for video.

FortiCamera Cloud supports these cloud native models:

- FortiCam-CD51-C
- FortiCam-CD55-C
- FortiCam-MC51-C

FortiCamera models that are **not** cloud native are also supported if they are deployed in a hybrid model, connected through FortiRecorder.

Supported FortiRecorder version

For hybrid cloud deployments that use FortiRecorder with FortiCamera Cloud, the minimum required firmware version is FortiRecorder 7.0.3.

Other versions might function, but have not been tested, and are not supported.

Supported web browsers

The FortiCamera Cloud GUI has been tested on the following web browsers:

- Apple Safari 17
- Google Chrome 122
- Microsoft Edge 122
- Mozilla Firefox 123

Other browsers might function, but have not been tested, and are not supported.

Recommended screen resolution

The minimum recommended screen resolution is 1920 x 1080 pixels. Please adjust your screen resolution accordingly. Otherwise the GUI might not display properly.

Licensing

After an initial 7-day grace period, all cameras require a subscription license to use the FortiCamera Cloud service.

For example, the account owner can order a license for any number of cameras ("seats"), with a subscription for 1, 3, or 5 years, like the following:

SKU	Contents
FC1-10-FCCLD-518-02-DD	FortiCamera Cloud plus FortiCare Premium support Subscription license certificate

- **To renew an existing subscription:** Register a new contract with the same number of cameras.
- **To add more camera subscriptions:** Contact your Fortinet partner or Fortinet customer service. Request a co-term quote. Co-term licensing aligns all of your subscription expiry dates.

For cameras that are not cloud native, but are connected through FortiRecorder in a hybrid cloud deployment, they require licenses like the following:

SKU	Contents
FRC-CLM-20	FortiRecorder Cloud Mode for camera license Perpetual license for 20 cameras Electronic license certificate

Cloud mode is a permanent stackable license. Apply it to the FortiRecorder serial number on FortiCare.

See also the FortiCamera Cloud Portal Guide and FortiRecorder Administration Guide.

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