VCAforensics Release Notes

Version: **1.5.4**

Release date: **4th February, 2026**

The release notes outline all the changes made in this release period. Changes and features described are valid for the platforms listed under Supported Products unless otherwise stated.

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Release Summary

The V1.5.4 release focuses on improving system stability, updating the licensing framework, and refining data management.

The key highlights are:

- **MetDetect Optimization:** Fixed snapshot loss during high-speed operations and added new retention period settings for videos and analytics data.
- **Licensing & OS Support:** Integrated Licensing SDK 2.4.0 to support new license types and improved Forensics Server stability on Windows (including Chinese OS support).
- **Search & Analytics Refinement:** Added **Fisheye Tracker** as a new tracking engine option.
- **System Reliability:** Resolved various bugs related to channel registration, port forwarding, and UI display issues in multi-cluster environments.

Supported Products

Supported platforms for VCAforensics server:

- ABP301, ABP302 (Jetpack 6.0.2, arm64) - Not supported in v1.5.0
- ASP501, ASP502, ASP503, General desktop PC (Ubuntu 22.04, x86) - Supported
- General desktop PC (Windows 10, x86) - Not supported in v1.5.0
- NUMA server system (Ubuntu 22.04, x86) - Supported

Supported platforms for VCAforensics client:

- General desktop PC / Laptop (Ubuntu 22.04, x86; Windows 10, x86; macOS)

New Features

- **MetDetect:** Added "Input video retention" option.
- **MetDetect:** Added "Analytics data retention period" option.

Improvements

This release contains improvements in existing features:

- **MetDetect:** Enhanced snapshot processing to prevent missing snapshots during high-speed operations.
- **Analytic Sources:** Resolved an issue where channels were displayed as "Unknown" when performing searches by channel selection.
- **Channel List:** Fixed an issue where channels were not appearing in the list for non-cluster environments.
- **Tracking Engine:** Added the ability to select "Fisheye Tracker" as a Tracking Engine option in Analytic Sources.
- **Licensing:** Integrated **Licensing SDK 2.4.0** to support Face licenses and the latest license types.
- **License Activation:** Improved the activation process to correctly handle newline characters (\n) when inputting tokens on the License page.
- **Forensics Server (Windows):** Configured Elasticsearch to be registered as an "Automatic" service to ensure it always restarts upon Windows installation.

Changes

This release contains important changes:

- **Image Search:** Modified the process to always call `getFeatures` to use fresh feature values, rather than relying on the feature values returned in the initial search call response.

- **Installer:** Removed the "Delete Data" option when uninstalling the Forensics Server from the installation package.

Bug Fixes

This release contains fixes for the following issues:

- **License Allocation:** Fixed a failure in license allocation when adding a VCAnx channel if only a Forensics evaluation license was present.
- **Analytic Sources Edit:** Resolved an issue where the "Update" button remained inactive even after refreshing license information on the Edit page.
- **Add Analytic Sources:** Fixed an issue where "Available Channels" were displayed incorrectly.
- **Search Page:** Fixed an issue where channel information from other clusters was inaccessible during channel selection.
- **Web Server:** Fixed a bug where the web server failed to terminate properly when performing a "reset config" on Windows.
- **UI/UX:** Fixed an issue where IP addresses were truncated in the channel selection list on the Search page.

- **Port Forwarding:** Resolved an issue where Tracking Engine and Image Search settings would not appear when adding channels to a Forensics server if multiple VCA servers were running on the same IP via port forwarding.
- **RTSP Authentication:** Fixed a channel registration failure in the Forensics server when the RTSP URL of a VCA server channel included authentication credentials.
- **OS Compatibility:** Resolved an issue where the Forensics server failed to execute on Chinese versions of Windows.

Known Issues

Outlined below are known issues that are under consideration by the development team.

- No known issues included as part of this release

Dependant Libraries/Applications

The dependent applications and libraries used within this product are provided below. For compatibility a deployment environment should match the versions given below.

Library	Version

Test Environment

Details of the testing environment used in QA for this release is provided below:

OS Version	Application Version
Ubuntu 22.04 LTS (L4T 36.3.0, Jetpack 6.0.2)	
Ubuntu 22.04 LTS (x86_64)	
Windows 10 / Windows 11 (x64)	

For support queries and documentation please see VCA Technology support page.

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