

FW 5.1.9 Build 3 Release Notes – Improvements

The CHeKT Video Control Panel Firmware release notes include new features and bug fixes added since FW version 5.1.8 Build 2. This firmware update is designed to enhance current CHEKT Dealer and Monitoring Portal features, while others are designed to support new features and future portal development.

Notes for Dealers

Dealers should anticipate the firmware update process to take between 5 and 10 minutes, depending on the download bandwidth available on the site. If you notice the process is taking longer, we advise you to allow your video control panel at least one hour before attempting a power cycle or reboot.

New Features

Practical Internet Speed Test

- The internet speed test has been enhanced for more **accurate and quicker results**.
 - Instead of testing against random internet servers, the test now checks speed directly with the **CHeKT Cloud server** for more relevant performance results.
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Bug Fixes

Clinton AI Box Improvements

- Fixed an issue where RTSP metadata from Clinton AI was not processed correctly due to missing XML prefixes.
- Resolved a failure to create Intrusion Detection events by adding fallback logic for both empty event topics and general VideoAnalyticsEvent topics.
- Addressed event creation failures caused by Clinton AI not providing a timezone in its event timestamps. A new failsafe converts these timestamps into UTC format.

Bosch Camera (FLEXIDOME IP 4000i IR – FW 7.90.0098)

- Fixed issues where no event snapshots were generated and event videos showed jitter.
- The issue was caused by Bosch cameras using B-slice video frames. The new logic skips problematic frames to ensure smooth event handling.
- Trade-off: Frame rate is reduced from 8fps to 4fps in these cases.
- Benefit: Ensures reliable integration with Calipsa/Actuate video analysis for every event.

Profile G Playback (Multi-channel Cameras)

- Fixed an issue where **Profile G playback** only worked with the first video source on multi-channel cameras.
- This bug was originally introduced on **Jan 17, 2025 (vd: v0.16.2)** and has now been resolved.

This firmware continues CHEKT's commitment to platform stability, camera interoperability, and practical dealer controls. Please ensure your site cameras are compliant and up to date for optimal performance.