CHeKT Firmware 6.3.0 Release Notes

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Improvement Notes

The CHeKT Video Control Panel Firmware 6.3.0 release includes new features and bug fixes added since Firmware version 6.2.0. This firmware update introduces certificate trust management on the VCP and an updated multi-VCP communication module, updates time zone data, and adds workarounds for Dahua camera recording failures. It also serves as a preventive security update for an industry-wide certificate authority issue disclosed in mid-October 2026.

Notes for Dealers

The update process is expected to take 5 to 10 minutes; during this time, do not interrupt or restart the system. If completion takes longer than expected, allow up to one hour before attempting a restart. We recommend updating all VCPs to 6.3.0 promptly. No configuration changes are required before or after the update.

New Features

Certificate Trust Management

- Added certificate trust management on the VCP that keeps root certificates affected by industry-wide certificate authority issues out of the VCP's trusted certificate list. The VCP checks its trusted certificate list daily and restores the policy if it changes, with no effect on connectivity to the CHeKT Cloud

Multi-VCP Communication Module

- Added an updated communication module for multi-VCP sites that keeps VCPs communicating with each other when the site network is unstable

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Bug Fixes

Camera Activity & Detection Improvements

- Added workarounds on the VCP for the Dahua camera recording search and playback failures identified as of this release, including duplicated search results, recordings stored against the wrong stream, and unmatched recordings on the second lens of dual-lens models. These failures originate in the Dahua camera firmware

- Increased the Profile G recording download timeout so downloads complete instead of failing, including on slow-responding Dahua cameras

NOTE: These workarounds address Dahua camera behavior identified as of November 2026 and may not resolve every Dahua issue. Because these failures originate in Dahua's firmware, a future Dahua update may break these workarounds or may introduce additional failures that CHeKT may not be able to mitigate.

Alarm & Arming Behavior

- Resolved an issue where sites in regions with recent time zone rule changes, including parts of Canada, could show times off by one hour and affect time-based arming and disarming. The VCP now ships with current time zone data

Security & Privacy Improvements

- Updated the VCP's trusted certificate list to remove root certificates affected by an industry-wide certificate authority issue disclosed in mid-October 2026. This is a preventive update; there is no evidence that any CHeKT systems were compromised, and VCP connectivity to the CHeKT Cloud is unchanged

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