

CHeKT Firmware 6.1.0.2 Release Notes

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Improvement Notes

The CHeKT Video Control Panel Firmware release includes new features and bug fixes added since FW version 6.0.0.1 Build 1. This firmware update introduces firmware for an upcoming feature release, and delivers improvements to camera activity reporting, event delivery reliability, system stability, and platform security

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

New Features

Upcoming Temporary Disarming Support

- This release puts the firmware functionality in place to support an upcoming Monitoring Portal enhancement that will allow operators to disarm a partition for a temporary period of time. The portal capability will be included in a later release of the Monitoring Portal
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Bug Fixes

Camera Activity & Detection Improvements

- Resolved an issue where multi-lens cameras, including Axis dual-lens panoramic models, remained in an Idle or Dormant state even though camera analytic events were being received. Camera activity supervision now correctly transitions these cameras to Active

Event Delivery & Communication Improvements

- Resolved an issue where the MQTT broker could repeatedly restart following certificate updates, causing video AI events, arming events, and other signals to fail to send or to be delivered all at once after a delay
- Resolved an issue where MQTT communication between VCPs on the same site could fail. When the connection to the Main VCP is lost, each VCP now arms, operates, and reports events independently, restoring the expected fallback behavior
- Resolved an issue where the first Digital Input alarm after arming failed to register an alarm event on an Instant Zone. Alarms now report correctly on the first trigger
- Resolved a behavior where a swinger bypass zone would incorrectly trigger an automation rule

Stability Improvements

- Resolved a condition that could cause the event manager service to crash while tracking recent event sources

- Added an event manager liveness watchdog that automatically detects and recovers an unresponsive event manager service
- Resolved a behavior where audio playback could fail due to a bad certificate

Security & Privacy Improvements

- Enforced TLS 1.2 as the minimum version on internal MQTT communication paths where the minimum was not previously applied.
- Resolved a privacy issue by preventing pre-signed media URLs and raw media content from appearing in error, log, and event payloads

Recording & Upload Accuracy

- Improved recording upload accuracy so that empty or failed media retrievals correctly mark the associated event as failed

Embedded Relay Control

- Fixed an issue where embedded relay control on CHeKT Cameras did not show correctly, was showing duplicate devices within the CHeKT Monitoring portal, or experienced intermittent activation of embedded relays
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