

# ***CHeKT Firmware 6.0.0/6.0.0.1 Build 1 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 5.3.1 Build 1. This firmware update is designed to enhance deployment speed & camera status reporting functionality and supports CHeKT Partitions for Alarm.com integration and better management of system arming status.

## Notes for Dealers

The update process is expected to take 5–10 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.

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## New Features

### Alarm.com Integration

- New session completion and warning dialogs to ensure session times are accurate
- Improved Session Completion process for better notes and session tracking / closure

### Partition Support

- Support for up to 16 Partitions with independent arming status, schedules, and user access
- Unpartitioned camera configuration for visibility of camera without alarm generation
- Support for “Self-Monitoring” Partitions to allow a user to not utilize a central station for certain areas or devices while still allowing for Arm/Disarm functionality

## Active, Idle, Dormant Improvements:

- The VCP (Video Control Panel) aggregates camera event activity data and transmits it to the CHekT Cloud at 2-hour intervals.
- The cloud evaluates each camera's activity and classifies it as:
  - Active: Normal event activity detected within expected timeframes.
  - Idle: No event activity detected for a configurable period (e.g., 7 days), indicating the camera may not be functioning as expected.
  - Dormant: No event activity detected for a longer configurable period (e.g., 14+ days), indicating a potential hardware or installation issue.

## Multi-Level Site Maps

- Dealers can create **multiple building levels** within a single site's map configuration.
- Cameras can be placed on **individual floor maps**, accurately representing their physical location within the building.

## Bulk Camera Add

- Ability to add cameras in “Bulk” via Primary, Secondary, Tertiary, and individual passwords via a single interface

- Ability to mount and associate cameras with specific VCPs including the ability to only mount certain cameras for staged deployments
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## Bug Fixes

### Security & Status Improvements

- Resolved an issue where older TLS Cipher Suites could be utilized
- Resolved an issue for delayed event restoral logic
- (6.0.0.1) Fixed an issue where certain local API event calls to the VCP may have failed due to site configuration settings

### Time & Date Improvements

- Improved behavior with Illumiview cameras reporting bad NTP data by compensating for incorrect NTP time-stamps to allow CHeKT to download videos
- Resolved an issue with CHeKT cameras and invalid daylight-saving time data
- Resolved wrong absolute time value for the Bosch cameras
- Support Digest authentication for Local API server

- Update MQTT binary with Openssl library & Fix Renegotiation DoS Vulnerability
- Updated discovery for Hanwha SPA-H100 speaker