

CHeKT 6.0

Release Readme

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Overview

CHeKT Release 6.0 introduces significant new capabilities across the CHeKT platform, focused on improving installation efficiency, enhancing monitoring session management, providing proactive camera health visibility, and expanding integration with [Alarm.com](https://www.alarm.com). Below is a summary of each feature included in this release.

Features & Enhancements

1. Monitoring Portal Session Timeout & Complete Session

The Monitoring Portal now enforces a **60-minute session timeout** to ensure more accurate session tracking and better resource management, as well as provides session completion prompts to better categorize actions taken by operators.

- MP sessions will automatically end after **1 hour** from the session start time if not manually closed by the operator.
- A **10-Minute, 30-Minute, and 50-Minute** warning dialog keeps the agents contextually aware and ends the session if left unattended to better track actual session time for each agent. Monitoring Portal sessions will also automatically end after **1 hour** from the session start time if not manually closed by the operator.
- Operators can now add **Completed Session Notes**, providing a structured way to document observations and outcomes at the end of each session.
- A new database distinction between a session that was "**Completed**" (operator took the Complete action) versus a session that simply "**Ended**" (timed out or closed without completing) enables better reporting on operator behavior and session quality.

2. CHeKT Partition Functionality

CHeKT Partitions allow a single physical site to be logically divided into **independent security areas**, each with its own arming schedule, device assignments, and user permissions. This new feature is ideal for campuses, mixed-use facilities, and sites with different security requirements by building.

- Up to 16 configurable partitions can be created in the Dealer Portal, with the ability to assign cameras to specific partitions.
- Independent arming and disarming per partition, allowing each partition to operate on its own schedule and be controlled separately.
- Partition-based user management, enabling dealers to grant or restrict user access at the partition level so users only see and control authorized areas.
- Self-monitored partition support, allowing selected partitions to be excluded from the Monitoring Portal and prevented from generating central station signals.
- Voltage arming as a partition control source, enabling partitions to be armed or disarmed through a VCP voltage input for integration with third-party access control or alarm systems.
- Partition-specific notifications, ensuring users receive alerts only for the partitions they are assigned to.
- End-User App (EUA) and End-User Web (EUW) support, with full partition visibility including camera grouping by partition, partition name headers, bookmarking, and arming status indicators.

- Unpartitioned Camera Functionality, providing a method to add cameras to a site such as on poles or shares areas to give visual context and visibility to the Monitoring Center, without generating alarms.
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3. Camera Activity Monitoring — Active, Idle, Dormant

A new **Camera Activity Monitoring System** provides proactive visibility into the health and operational status of every camera on a site. Instead of discovering a camera problem only when an event is missed, dealers can now see at a glance which cameras are functioning normally, and which may need attention.

Core Functionality:

- 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.
- Idle and Dormant thresholds are configurable per site from the Dealer Portal.

Dealer Portal features:

- A new Activity Dashboard displays camera status across all sites.
 - Provides filters to show a list of sites with Idle or Dormant cameras.
 - Daily email reports summarize unhealthy sites and cameras requiring attention.
 - Monitoring Center notification of devices in Idle or Dormant status, including Restore status when event activity resumes, or can be manually reset when a camera is replaced or serviced.
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4. Multi-Level Site Maps

The CHeKT site map feature has been expanded to support **multi-level (floor) maps**, enabling dealers to represent multi-story buildings and complex facilities more accurately.

Core Functionality:

- 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.
 - Multi-level maps are fully supported in the **Monitoring Portal**, the **End-User App (EUA)**, and the **End-User Web (EUW)**, providing operators and end users the ability to navigate between floors to view cameras on each level.
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5. Bulk Camera Add

A new **Bulk Camera Add** workflow dramatically reduces the time required to commission cameras on a CHeKT site. Instead of adding cameras one at a time, installers can now discover, authenticate, and configure all cameras on a network in a single streamlined process.

Core Functionality:

- Automatic ONVIF discovery and configuration for all devices is available by clicking "Add Bulk Cameras" from the device list. The system discovers cameras on the local network using ONVIF and manufacturer-specific protocols, displaying IP address, model, and MAC address for each discovered device.
- Multiple authentication paths are supported, either using individual device authentication or the ability to use three sets of credentials (e.g., factory defaults, installer credentials, customer credentials). The system attempts each credential set sequentially across all selected cameras, marking successes and failures in real time.
- Exception Handling for unknown passwords allows bulk added cameras that fail all three authentication attempts are displayed separately, allowing the installer to manually enter credentials and re-verify on a per-camera basis.
- Channel Assignment & Configuration are aligned in one flow, as authenticated cameras display live snapshots and are automatically mapped to available VCP channels. Installers can drag and drop to make specific assignments, and batch-edit zone types and zone names for multiple cameras at once.

6. Alarm.com (ADC) Integration — Including Partition Follow Logic

Release 6.0 introduces the **CHekT & Alarm.com Limited Availability (LA)** integration, connecting CHekT's video verification platform with Alarm.com's security ecosystem.

Core Functionality:

- Alarm.com cameras are now visible in the CHekT monitoring portal, enabling video verification workflows for Alarm.com alarm events cameras as well as any camera connected to the CHekT VCP (Video Control Panel).
- CHekT partitions can be configured to follow the arming status of a corresponding Alarm.com partition. When the ADC panel arms or disarms a partition, the CHekT partition automatically mirrors that status, keeping arming states synchronized without manual intervention.
- Mixed-Use arming control allows certain partitions to follow the Alarm.com platform, while also allowing for independent control of other CHekT partitions from the CHekT app or Monitoring Portal, giving you flexibility and control.
- Control your CHekT system with your Alarm.com keypad! As the CHekT platform now can follow the Alarm.com system status, the arm and disarm actions can now be controlled directly by the status of the keypad without the need of providing CHekT app access.