

CT700

HEALTHCARE SURVEILLANCE PLATFORM

The CT700 is CCOE's highest-specification platform for healthcare environments. It combines 4K wide-angle imaging, AI-assisted behavioral analytics, and HIPAA-compliant encrypted storage in a system purpose-built for the regulatory and operational demands of hospitals, long-term care facilities, and specialty care campuses.

4K

WIDE-ANGLE IMAGING

90

DAY CLOUD RETENTION

<4s

ALERT RESPONSE TIME

COMPLIANCE **HIPAA** CMS STANDARDS SOC 2 TYPE II ADA STATE LICENSING NIST 800-53

PLATFORM CAPABILITIES



AI Behavioral Analytics

Detects falls, unauthorized access attempts, and elopement-risk movement patterns in real time, flagging events before they escalate to incidents.



Elopement Perimeter Alerts

Configurable perimeter zones trigger sub-4-second alerts routed directly to the care team via nurse call integration, with automatic incident timestamping.



Low-Light Corridor Imaging

Adaptive optics maintain clear 4K imaging in corridors dimmed to overnight lighting levels, ensuring continuous visibility without disrupting resident sleep.



HIPAA-Compliant Storage

All footage is encrypted at rest and in transit using AES-256. Access is role-gated with a full audit trail, satisfying HIPAA Security Rule requirements for ePHI handling.



Audit-Ready Incident Reports

The built-in reporting module compiles timestamped footage clips, alert logs, and response records into CMS-formatted documentation packages in minutes.



Native EHR and Nurse Call Integration

Pre-built connectors for leading EHR and nurse call platforms mean alerts and incident records flow into existing clinical workflows without additional software or manual logging.

TECHNICAL SPECIFICATIONS

IMAGING

Resolution	4K UHD (3840 x 2160)
Frame Rate	30 fps (standard) / 60 fps (motion mode)
Field of View	180° wide-angle, configurable zones
Low-Light Performance	Full color to 0.005 lux; IR assist below
IR Range	Up to 30m

HARDWARE

Form Factor	Compact dome, vandal-resistant IK10
Installation	Ceiling mount, surface or recessed
Power	PoE+ (IEEE 802.3at)
Operating Temp	0°C to 50°C
Certifications	UL 2050, FCC Part 15, CE

STORAGE AND SECURITY

Cloud Retention	90 days (standard) / 365 days (extended)
Encryption	AES-256 at rest and in transit
Access Control	Role-based, MFA-enforced
Audit Trail	Full user access log, tamper-evident
Local Backup	Onsite NVR failover (optional)

ANALYTICS AND ALERTS

Alert Response	Under 4 seconds
Detection Modes	Fall, elopement, loitering, crowd density
Alert Routing	Nurse call, SMS, email, dashboard
False Positive Suppression	AI scene calibration per zone
Concurrent Streams	Up to 128 per facility node

FACILITY TYPES

Hospital Systems
 Rehabilitation

Long-Term Care
 Behavioral Health

Memory Care
 Specialty Clinics

Surgical Centers
 Assisted Living

INTEGRATIONS

WORKS WITH

Epic EHR

Cerner

Rauland Responder

Hillrom Nurse Call

Lenel OnGuard

Genetec

Active Directory / LDAP

SAML 2.0 SSO

Request a CT700 site assessment for your facility.

Contact a CCOE Certified Partner to begin.

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CORPORATION

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