



INTEGRATED SECURITY & ACCESS CONTROL MANAGEMENT PLATFORM

Continental's all-new CA4K® Security Management Software Platform is the single solution that makes access control, wireless locking, alarm monitoring & IP video integration easier than ever - *wherever you are.*



➤ **A truly scalable single solution that is easy and economical to use, program, deploy and maintain-** CA4K is the right fit, for right now and the future. Whether used on a small system of a few doors, or a multi-site global enterprise with thousands of doors, multiple credential/reader types and unlimited users, the budget-friendly/IT-friendly secure platform is designed to grow with the requirement, eliminating the costly need to upgrade software packages or replace hardware, or both, "down the road", as occurs with other manufacturers. Also, the CA4K one-box solution, frees you from pricey add-on modules for functionality and there's no annual software licensing, not to like. (Yearly upgrade program available.)

➤ **Powerful, all-new security management system delivers smartly and easily on all fronts,** new intuitively-designed easy-icon user interface with multiview-windows, trees & more; active visitor management with live cross-check; streamlined LDAP Active Directory-compliant and custom multi-language auto-load operator log-ins; enhanced security with unlimited threat level, lockdown- and multi-area APB-configurations. CA4K's full-function webclient,(creation,assignment&control)providestoday'simportant mobile convenience, plus robust multi-database partitioning, combines for ideal, easy dealer-managed services, too.

➤ **For dramatic labor savings, CA4K has seamless integration with a full line of Wireless Networkx® & ArchiTech™ Customizable locks and keypads with built-in HID®, iClass® or multi-technology smart readers;** as well as ultra-high-speed support for Continental's new POE uniVerse™ single door controller or expandable, field-upgradable conventional controllers, i.e., SuperTwo™, SuperTerm™ or AccelaTerm™ for the fastest processing performance available on the market, (up to 921.6KBPS communications) i.e., door opens in a fraction of a second, rapid reports and full data downloads occur in mere minutes - There's even a new non-polling mode option for max. performance, at certain times.

➤ **New CA4K works extremely well with others, for easy, dependable integration, and featuring more integration partners than ever-** for video, VMS, NVR/DVR, badging, biometrics and building management, additionally, it features an enhanced API for other third party integration; as well as configurable custom menus to launch external applications, and customizable-menus, -links and -queries. With the exception of custom utilities, all CA4K applications run as Windows® Services and with the ability to support mobile credentials and multiple credentials per badge holder, leading-edge ease and future needs are accommodated. The platform's comprehensive alarm monitoring integration also features dynamic alarm mapping, as well as fast, time-saving, 'First-Manager-In' badge /alarm system disarm capability, and options for email or SMS notifications to be sent in certain alarm events, for example, upon priority alarms.

Single solution, integrated, interoperable enterprise Security Management Platform:

- Access control
- Alarm monitoring
- Video DVR/NVR interface
- Visitor management control
- Time and attendance and payroll functions
- Photo badging
- Import/export utilities
- Email and SMS notification
- Wireless lock, Intrusion and fire alarm systems integration
- Turnkey Managed Services Option
- Open API support
- Threat level management
- Multiple area Anti-Passback (APBs)
- Dynamic map control
- FIPS /TWIC/CAC/PIV/PIV I card support
- LDAP compliant single sign-ons
- Elevator control
- Global input/outputs and global links
- Global lockdown or lockdown by APB area
- Remote management / web client

Robust CA4K Platform Capabilities:

- Card capacity up to 1,000,000 cards on later generation panels
- Event Transaction storage limited only to hard drive size
- 30,000 access groups
- 5 Holiday calendars with 100 holidays each
- Over 12,000 readers and 112,000 relay outputs per location
- Database partitioning (Ideal for Dealer hosted business model)
- Over 124,000 supervised alarm inputs per location

The configuration used for the per location capacities include CA4KSQL software, AccelaTerm panels and two secondary com servers.

CA4K PLATFORM FEATURES

- Threat Level Management- Unlimited
- Facility Lockdown and enhanced security features
- Labor saving access manager features
- Visitor management with live cross-check against Gov't Watch Lists, etc
- Unsurpassed card/reader processing speeds and multitasking
- Comprehensive Web Client, built in (full access - create, assign, control all)
- Built-in elevator control, easiest programming
- Dynamic maps view option and on screen control
- Comprehensive cross time zone support
- Napco Security System Integration
- Central station reporting option -Ideal for Security Offices
- Multilingual operator support & custom language entry
- Open API facilitates third-party integration
- Plug-In architecture
- Import / Export Utilities - Open exchange between HR & IT databases, etc.

WIRELESS LOCK & POE INTEGRATION

- **Single-Door Wireless Access Lock Integration** Alarm Lock Trilogy Network's act as single-door controllers on the CA4K System in real time. One-hour wireless lock installation, brings power, HID reader and door-position contact to any opening without any wires. All Alarm Lock Network and customizable ArchiTech Network Models supported, now including DL/PDL8200, 8600 & Exit Trim Models for pushbars (ETs), as well as Network wireless, 802.11 and POE gateways and repeaters, for expanded reach in any construction.
- **Single-Door POE Controller** - Continental's new uniVerse™CICP2100 Controller is tiny but powerful, fitting in as double gang box for easy, concealed installation anywhere, controlling up to 2 readers for one door. Use as Power over Ethernet or RS485 option (to downstream up to 10 units on one network address). IT-friendly with AES 256bit advanced encryption and diagnostic LEDs. 2 Form C relay outputs, door and auxiliary; 4 supervised inputs + tamper. High-speed 921.6KBPS comm. **Intermix with full family of conventional Continental Controllers:** 8 or 16 door CICP2800 AccelaTerm™, 8-Door CICP1800T Turbo SuperTerm™, 1-2 Door CICP1300 SuperTwo™, etc.

ALARM INTEGRATION

Security System Integration (using any Napco Gemini™ System & iBridge® interface)

- Fast arm/disarm response times
- First Manager-In Option for Badge-activated arm/disarm of system or areas, saves time & labor
- Dynamic Mapping view option of Napco Events
- Send SMS/Email notifications on alarm events, e.g. for priority alarms

Central Station Reporting Option -Ideal for Security Offices

- Report alarm inputs to a central station over an ethernet connection saving valuable time & toll calls
- Alarm inputs can be configured for optional local reporting for faster response (via Napco NetLink™ Receiver, in addition to the CA4K system alert grid)

SIMULTANEOUS MULTI-READER INTEGRATION

Multi-Reader Technology Support for use in retrofit and new construction, at once - saves (existing) equipment and labor

- Simultaneous multiple credential and reader format support, from cards and fobs to biometrics: Biometric, Smart Card, Proximity, Wiegand, X-Y matrix keypad, barcode, magnetic stripe
- Processing of full cardholder CHUID numbers, without degrading super-fast door open times under a fraction of a second
- FIPS/TWIC Full reader support, including Biometric compliant FIPS201, TWIC; FRAC, CAC-NG; 26 to 256 bit cards.
- Complete FASC-N software support

Mobile Access Control via Smart Devices - Bluetooth LE & NFC

- **HID®-M** support of virtual credentials (in lieu of cards) with HID® App & Smart Readers, using a Bluetooth LE Solution in Readers ("M" suffix).
- **XceedID®** Reader support, all standardly include an NFC Solution, used in conjunction with their App & series of purchased virtual credentials
- **iLock® App** for smartphone/device entry thru Alarm Lock Network & ArchiTech Access Locks, securely encrypted comm. and paired to lock via Bluetooth LE technology. App available thru GooglePlay® & iTunes®

ENHANCED VIDEO INTEGRATION

Seamless integration with Video Insight®, Exacq®, Milestone®, Pelco® DS & DX, Salient®, Hitron®, Integral® & Avigilon®+ video partners -

For real-time video that can be automatically associated to any alarm event from a reader, input, NAPCO alarm zone or Network Wireless Lock, in the CA4K system. Then, from any workstation, the operator can instantly retrieve recorded video associated with the event with a simple click of an icon.

- Single seat administration tightens security and lowers costs.
- Manage video from a single desktop, locally or remote.
- View up to 64 cameras from a single screen or choose the views you want. Unlimited viewing layouts per user, with multiple monitor support
- Recorded Video Window with play button, stop button and a scroll bar for intuitive simplicity. New events will have priority over video review.
- Remotely search for recorded video from 1, to as many as 99, DVR servers on the network by using the CA4K Integrated Search Feature. Smart Search technology saves time by applying motion filters to highlight activity.
- CA4K DVR Integration features include: Remote 4/9 camera viewing, video picture enhancement, PTZ control, camera preset recall, zoom, focus and iris control.
- TCP/IP protocol Communications with any supported DVR Server on the network; time-synchronized with the CA4K Server.
- Trigger pre & post recording, viewing of live & recorded video associated with an event; recording indicators, displaying motion triggered recording as an alarm event & one click viewing of recorded video, all from the CA4K event screen.
- Export images & video evidence files. Access synchronized video from multiple servers including time-/date-stamp.
- Instant retrieval from any camera or server by time, date or motion events.

† Note: Avigilon® Integration (available Fall 2017, CA4K v1.1 or greater)

ROBUST MULTI-PARTITIONING & REMOTE MANAGED SERVICES

Ideal Turnkey Dealer Management Service Model (ask for details)

- High-Performance Multi-Database design includes five databases (separate Configuration and Events databases)
- Complete remote system management & updates through standard web browsers - No proprietary software to load - use LAN or Internet
- Full capability to create, assign and control all remotely:
 - Full hardware configuration of panels, relays, inputs; Remote unlocking/locking of doors and relay activation
 - Real-Time event viewing, time & attendance: personnel/ and badging changes and in-list reports

SYSTEM REQUIREMENTS

- **CPU** Intel Dual Core, 2.6 GHz, min. (server w/ 1 to 4 workstations, workstation or report station); Xeon Quad Core, 2.0 GHz, min. (5-19 workstations)**
- **RAM** 8 GiG, min. (server w/ 1 to 4 workstations, workstation or report station); 16 GiG, min. (server w/ 5-19 workstations, workstation or report station)
- **Hard Drive** 300GB, min. (server w/ 1 to 4 workstations, workstation or report station); 500GB, min. (server w/ 5-19 workstations)**
- **Backup** Network, DVD, CD
- **USB Ports** 4, min.
- **Serial Ports, Optional** 1 Expandable to 64
- **Ethernet (NIC)** 100/1000Mbit
- **Display** 17" or greater (1500 x 900, min. resolution)

** Note: All configuration specs, not shown. For complete configuration reqts. including server w/ 20+ workstations or database server, etc. please see Full CA4K Technical Documentation or consult factory.

SINGLE & MULTI-SERVER SYSTEMS OPERATING SYSTEMS

- Microsoft Windows 8.1 Professional
- Microsoft Windows 10 Professional
- Microsoft Windows Server 2012 R2

DATABASE ENGINE

- Microsoft SQL Server 2008 R2 Express, Standard or Enterprise
- Microsoft SQL Server 2012 Express, Standard or Enterprise

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