Integrated Enterprise Access Control, Video, Alarms & Locking

- Scalable Solutions Security from a Few to Thousands of Doors & Users
- More Choices in Video Brands and Wireless Locks Seamlessly Integrated
- Fastest Processing • Lowest Total Cost of Ownership

Continental Access
A Napco Security Group Company

Education • Healthcare • Business • Transportation • Government

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Continental Access

CA3000 Enterprise Integrated Access, Locking, Video, Intrusion & Fire Alarms

Continental Access Control Panels

- CICP1300
- CICP1800T
- CICP1800
- CICP2800

Expandable to 4,000
Control Panels Maximum

Server/PC with Continental CA3000 Enterprise Software (V2.11+)

Wired (RJ-45) or Wireless

Alarm Lock Trilogy® Networx™ Wireless Access Locks

- PDL6100, PL6100, DL6100 (Cylindrical)
- PDL6200, PL6200 (Cylindrical w/Door Monitoring)
- DL6200, DL6500 and DL6600
- PDL6500, PL6500 (Mortise)
- PDL6600, PL6600 (Mortise w/Door Monitoring)
- ETPDLN, ETPLN, ETDLN (Exit Trims)
- PDL8200, PL8200, DL8200 (Cylindrical w/Door Monitoring and Iclass support
- PDL8600, PL8600, DL8600(Mortise w/Door Monitoring and Iclass support
- NET PANEL (One Door / Two Reader Wireless Controller)
- New! ArchiTech Networx 9-Series

Up to 63 locks for each Gateway

Wired (RJ-45) or Wireless 802.11

Existing Corporate Ethernet Network

Company's Existing Ethernet Network

Wired (RJ-45) or Wireless 802.11

Gateway #1

EXPANDABLE

Up to 251 Gateways on each socket server

Gateway #251

Repeater/ Range Extender

Radio PDL6100 PDL6500

New! ArchiTech Networx 9-Series

Radio PDL6200 PDL 6600 With Door Monitoring

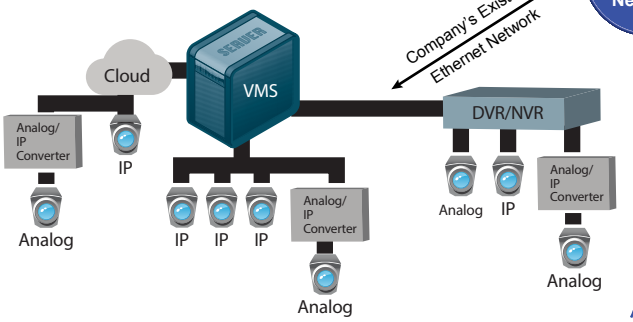
ArchiTech

Radio PDL8200 PDL8600

Networx NET PANEL

Video

VMS Software & IP/Analog Integration via Cloud or LAN



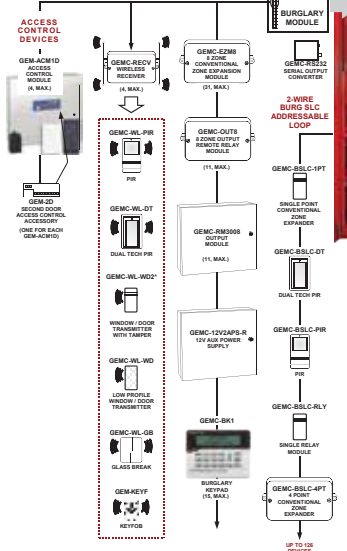
Choose from a Growing List of Video Partners: Milestone, Pelco DS & DX, Salient, Hitron & Integral

Local Internet/Intranet Alarm Reporting Option -Saves on response time & phone charges

GEMINI C-SERIES COMMERCIAL COMBINATION CONTROL PANEL

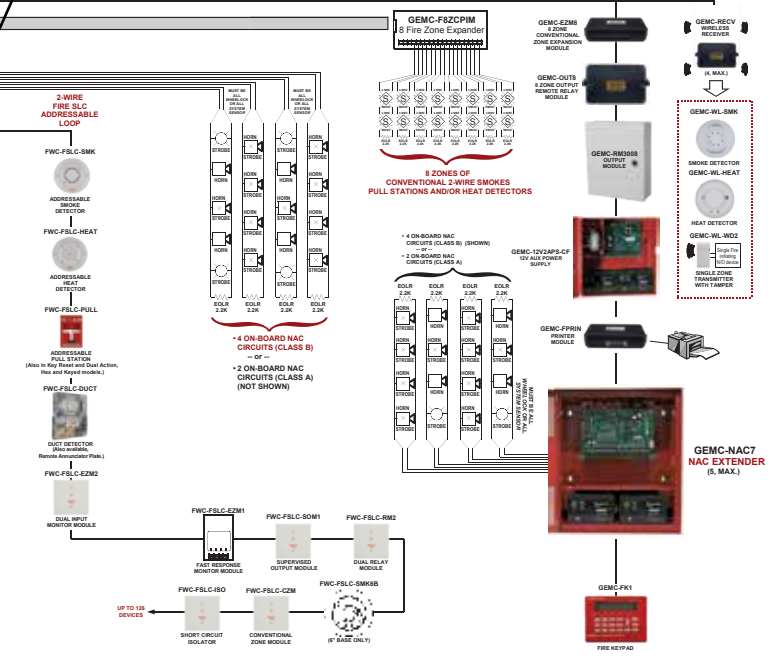
GEMC-BSLC Burg SLC Mod. and GEMC-FW-SLC Fire SCL Mod
Mount beneath motherboard

BURGLARY BUS DEVICES



NL-Mod

FIRE BUS DEVICES



2 SLC MODULES, max.
- Two Fire or
- Two Burglary or
- One Fire and one Burglary

Note: The four GEMC-RECV max. is reduced by 1 for each SLC module.

†Residential Burglary when both loops are used
Single Commercial Burglary Supervised Loop and Integral Magnetic Contact

Napco Commercial™ GEMC-Series Intrusion &/or Fire Systems

Continental CA3000: Enterprise access control & integrated security management

Unparalleled speed, performance & scalability for any application or enterprise.

Education · Healthcare · Business · Transportation · Government

Seamless security solution scalable from entry level through global, multi-site, enterprise applications

Continental CA3000 Enterprise Class Software is a robust, scalable, access control and security platform designed for risk and security managers, to provide one flexible, interoperable, integrated security solution, for stand-alone through networked world-class new or retrofit systems, for two to thousands of doors and unlimited users. Field proven for one or global sites, the scalable architecture and flexibility of the CA3000 software provides secure MSSQL technology and open database information sharing with CA ExchangeDB import and export features. Continental software can also run as a service, for both security and ease of recovery. This robust enterprise platform provides an easy to use , easy to train and easy to implement solution for any size facility, including education, healthcare, business, transportation, government and others.

With lightning-fast processing speeds up to 921Kbps, the interoperability of the CardAccess 3000 software provides all the functions needed in today's demanding enterprise environment.

CA3000 provides one integrated interface for managing:

- 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
- open API support
- threat level management
- dynamic map control
- FIPS /TWIC/CAC PIV card support
- LDAP compliant single sign-ons
- elevator control
- global input/outputs and global links
- global lockdown or lockdown by anti-passback areas
- remote management / web client

LDAP Active Directory Compliant (Lightweight Directory Access Protocol) for streamlined operator log-in processes.

InterAccess - Open API Support. Provides third party custom application integration allowing for infinite possibilities, as relates to current or future system functionality with CardAccess. (An API is a set of routines, protocols, and tools for integrating external software applications.)

Time and attendance/payroll. Track and report in and out card reads for individuals or groups. Establish rules, adjust payroll hours (administrators), create reports and export to payroll processing companies.

Visitor management. Scan a person's driver's license, passport or business card and automatically enroll them into CardAccess 3000. Print their badge, do a background check, scan live against gov't/police "Watch Lists", and provide precise visitor access privileges with user definable visitor fields to specified areas. Allow your visitors to pre-register and receive a barcode via email.

Email and SMS notification. Setup priority alarms to be routed to an email or SMS service. Scheduling allows you to only be notified when you are away from the system.

Photo badging. Easily capture employee images, add custom text and graphics, create custom card layouts and print ID cards or credentials with magnetic stripes, barcodes, smart chips and/or holographic images with advanced WYSIWIG virtual badge viewer. Supports most common image capture devices. (Now supports EPI Suite on 64-Bit computers, too.)

Global inputs/outputs and global activity links. Systemwide and individual device control; enable/disable, undo, time schedule, etc. Global control using hi/low counters, such as for parking garage control, etc.

CA ExchangeDB – Import / Export Utilities. Provides data exchange of badge and personnel data, export of time and attendance data, import-export of photos for an open exchange between ERP (human resources and IT management) and other database systems, which support import/export (e.g. Oracle).

Seamless intrusion, fire & locking integration

Continental CA3000 integrates access control, alarms, locking and video systems allowing user-specified alarm events to be displayed on the CA3000 alert/event grids. An alarm event can trigger automatic locking/unlocking of doors and presentation of live and pre/post video. When the system is armed, only personnel authorized to disarm the security system will be granted access.

- View and control alarm and locking events with assigned event and alert priorities.
- Arm/disarm alarm areas manually, by-schedule, by-card.
- View real-time status of all zones and devices, including armed or disarmed state of the alarm area on the reader.
- Set permissions and logging of users for alarm-, locking- & access control systems.

Built-in elevator control, easiest programming

- Control access and track who gets off and on at which floor.
- Easiest scheduling and programming: Apply access group to entire relay bank. (No discrete relays to handle individually.)

- Integrate with elevators' CCTV cameras, DVR/NVRs & motion. - Control & view with 1 GUI.
- Supports biometrics, PIN codes, prox and smart cards, etc.
- Pinpoints breaches or attempts to access restricted floors.

Dynamic maps - on screen control

CA3000 Dynamic Maps provide a choice of viewing the system from the CA3000 Event Grids or the map view. From the map view you can see high priority alerts as text and acknowledge those alerts as you would from the CA3000 grid controls. All devices in the CA3000 system can be seen and checked from the dynamic map for status, such as doors status and system relays, readers and input status. You can view live video from any camera on the map or replay recorded video conveniently tagged with a camera icon, to replay video from that exact event.

No matter where you are, stay in touch & total control with Remote Web Client

CardAccess 3000s Remote Web Client provides remote system management through standard web browsers – no proprietary software to load - all work internally through your LAN or remote Internet.

- Complete remote updates
- Full hardware configuration of panels, relays and inputs
- Remote un/locking of doors and relay activation
- Access to view events, time & attendance: personnel/ and badging changes and in-list reports.
- Web Interface standard in CA3000 enables complete remote control & oversight of system from anywhere, e.g., using smart devices.

Comprehensive cross time zone support

Enables various facilities in different time regions to see their events, as well as those of other facilities, based on the local time setting. Events can still be filtered to show just one facility or any portion. Panel configurations allow assignment of a panel to a particular time zone and each CA3000 Workstation can view events based on either the local Windows time setting or the event's absolute time. View or report any events in your local time region, even if your CA3000 server is centrally administrated half way around the world.

CardAccess 3000 speaks their language

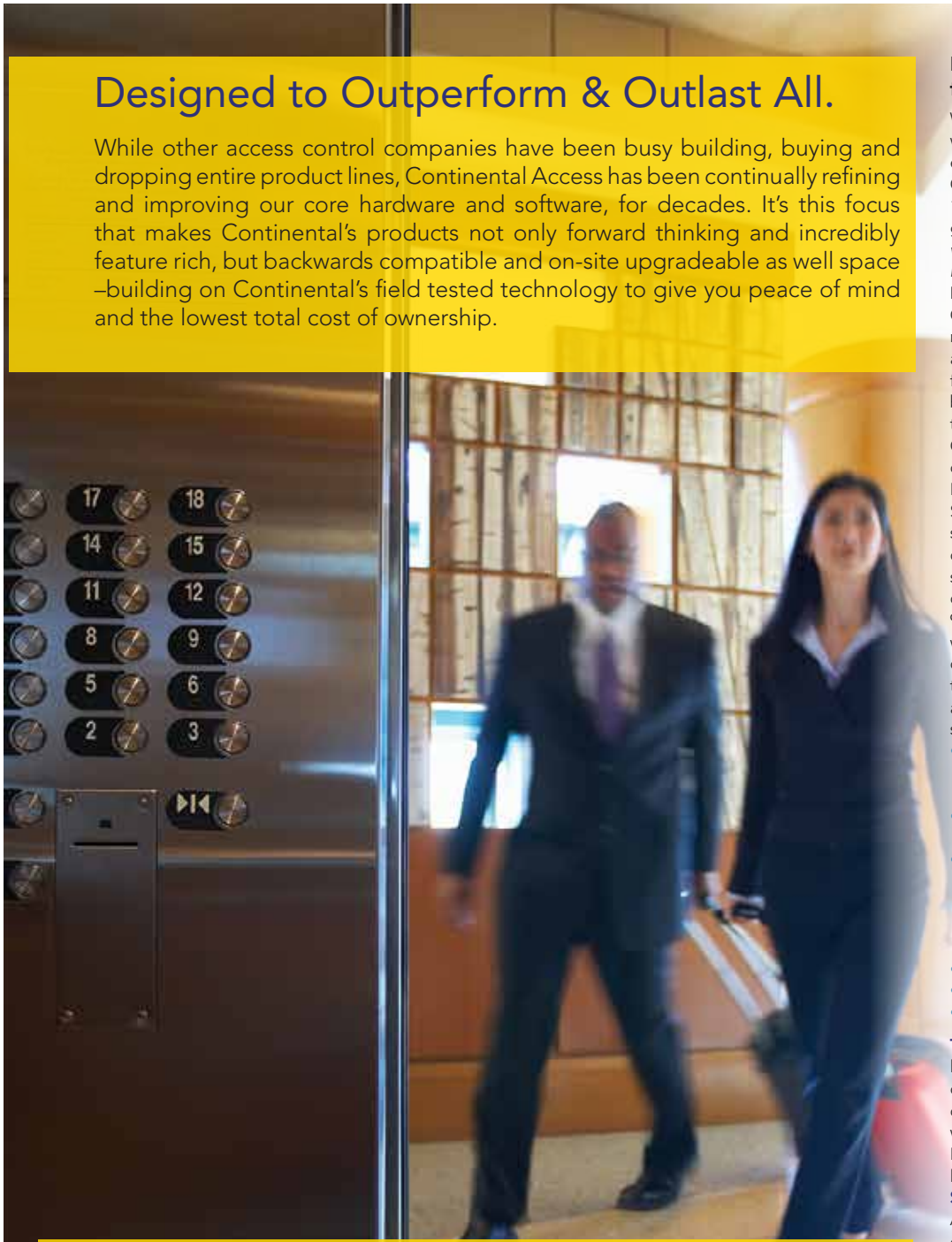
- Multilingual operator support & custom language entry
- User's language auto-loads with their log in
- Preset languages: Arabic, Danish, Dutch, English, French, Greek, Polish, Portuguese, Russian and Spanish with custom language entry supported, too.

Central station reporting option -Ideal for Security Offices

The CA3000 software can report alarm inputs to a central station over an ethernet connection saving valuable time & toll calls. Alarm inputs can be configured for optional reporting to the Napco NetLink receiver in addition to the CA3000 system alert grid.

Designed to Outperform & Outlast All.

While other access control companies have been busy building, buying and dropping entire product lines, Continental Access has been continually refining and improving our core hardware and software, for decades. It's this focus that makes Continental's products not only forward thinking and incredibly feature rich, but backwards compatible and on-site upgradeable as well space –building on Continental's field tested technology to give you peace of mind and the lowest total cost of ownership.



CA3000 V2.11+ Highlights

- **LDAP Active Directory Compliant** (Lightweight Directory Access Protocol)
- **Software Runs As A Service** (Desktop applications associated with CardAccess 3000 may now run as a service.
- **More Choices in Integrated Video-** Seamless support for Milestone, Pelco DS & DX, Salient, Hitron, Integral
- **More Alarm Lock Networx Wireless Lock Models supported -** DL/PDL6200, 6500, 6600 & ETDL/PDL (Also faster Networx Gateway Discovery)
- **Seamless Napco Alarm Integration –** Improved (Gemini & Napco Commercial)
- **Support for EPI Badging 3000 on 64 Bit Computers**
- **Support for Super-Speed Continental Accelaterm™ 8 to 16 Door Controllers**

Enterprise Control: from 1 to 32,000 doors

Why not choose a system that your requirements won't outgrow, that's scalable and full-featured enough to fit any size enterprise?
CA3000 easily expands to provide grow to over 1,000,000 carholders per panel, 30,000 access groups and over 32,000 readers per location, *without having to switch or trade up to a more robust software package*.
Despite the name, far more than just card access, Continental systems integrate seamlessly with even more leading third-party manufacturers of CCTV and DVRs; biometric devices and readers, intrusion, fire, locking, & visitor management systems and boast a very competitive feature-set. Be confident that when new requirements arise, the Continental CA3000 System you choose today will be up to the challenge for many, many years to come..
Based on open architecture with a Microsoft SQL Server database, CA3000 provides Open API support allowing third parties to integrate with our own software and harness the power and speed of our controllers, with models providing full downloads in under 5-minutes & processing over 921Kbps.Continental's open architecture integrates with and supports a wide range of technologies and databases including partitioning, as well as allowing the importing of Microsoft® Active Directory® and Oracle® exports. Also, new CA3000 runs as a service for easier restorals, etc.

- Competitively priced – no annual software licensing fees and new optional yearly software upgrade program available.
- Access all the features of the system from an easy to learn and use, uncluttered interface
- GUI grid and personnel screens feature quick keystroke commands and shortcuts, allowing you to save filters and preferences for each user, as well as saving search templates for frequently used reports.
- Event driven automation
- Central station reporting option
- Disaster recovery/redundant systems option.

Threat Level Management. Five states of threat level management, enables managers to more quickly react to present threats, by instantly deactivating access privileges, by badge, or by whole badgeholder groups, with a mouse click: Fifteen assignable threat level groups; color-coded levels; each group independently controlled.
Single-Door Wireless Access Lock Integration
Alarm Lock Trilogy Networx's act as single-door controllers right on the CA3000 System in real time. One-hour wireless lock installation, brings power, HID reader and door-position contact to any opening without any wires! (All models supported. They're intelligent edge devices!)
Lockdown and enhanced security features.
Activate global lockdown by badgeholder, operator or script, including free access doors, deployed by single or multiple APBs. Two person control requires 2 users to authorize access if desired, while anti passback, timed anti passback and assigned occupancy limits are all standard features.
Labor saving access manager features. With EZ First-In Management, presenting one badge can enable systemwide actions for groups of cardholders. A manager activates their department and assign access, rather than security or HR labor. Controlled via software (not relays).

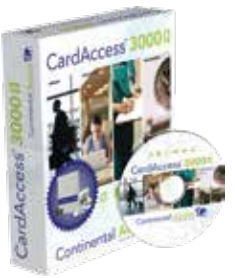
Infinitely scalable video solutions, for systems old and new, in one or multiple sites

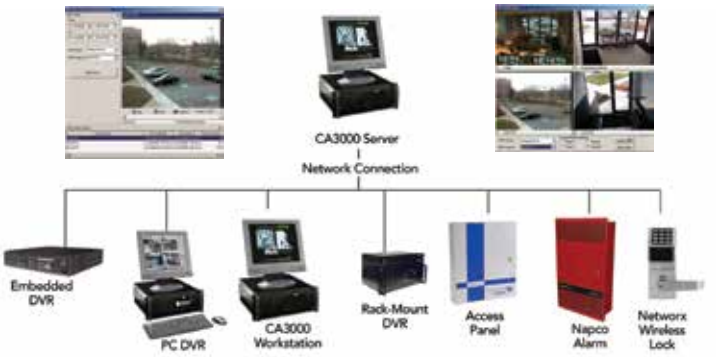
Install multiple cameras in multiple locations with virtually unlimited users, from a few cameras on one server to thousands of cameras on multiple servers. Interface with a nearly unlimited number of analog, digital and IP cameras, plus DVRs/ NVRs from an increasingly expanded list of manufacturers. Features include triggering of pre and post recording, viewing of live and recorded video associated with an event; recording indicators, displaying motion triggered recording as an alarm event and one click viewing of recorded video, all from the CA3000 event screen.

- 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
- Single seat administration tightens security and lowers costs.
- Supports nearly all leading IP and analog cameras and encoder manufacturers – you choose the best camera at the best price.
- Reduce costs with Active Directory and LDAP
- Systems are available pre-configured to save manpower costs, or customizable to save equipment costs.
- Easy installation, less training, easy administration and painless licensing
- Video doesn't interfere with existing applications and uses less bandwidth to reduce the costs associated with network capacity.

Intuitive interface makes working with archived video easy

- Pan-tilt-zoom, including motion detection within archived video
- Access synchronized video from multiple servers. Export images & video evidence files
- Instant retrieval from any camera or server by time, date or motion events. Includes scrollable events timeline
- SmartSearch technology saves time by applying motion filters to highlight activity





DVR integration: Complete access control and video solution

The Continental Access DVR Integration solution provides seamless integration with Milestone (XProtect Series – Enterprise, Corporate, Professional, Expert, Express), Pelco (DS & DX models), Hitron (EH Series, OEM), Integral (DS model), Video Insight, Dedicated Micro, Salient video partners. This results in real-time video that can be automatically associated to any alarm event from a reader, input or NAPCO alarm zone, or Networx Wireless Lock, in the CA3000 system. Then, from any CardAccess workstation, the operator can instantly retrieve recorded video associated with the event with a simple click of an icon.
The recorded video window has a play button, stop button and a scroll bar for intuitive simplicity. When the recorded video window is on display, the occurrence of a new event will replace the recorded video display with the recorded video of the newly occurred event. In addition, the user may monitor live video from either 4 or 9 cameras simultaneously directly from the CA3000 GUI.* The user may also remotely search for recorded video from 1, to as many as 99, DVR servers on the network by using the CA3000 Integrated Search Feature. CA3000 DVR Integration features include: Remote 4/9 camera viewing, video picture enhancement, PTZ control, camera preset recall**, zoom**, focus**and iris control**.
The CA3000 software communicates with any supported DVR Server on the network via TCP/IP protocol. All DVR servers are time-synchronized with the CA3000 Server. So, no matter where the video is being stored, across the street or across the country, the CA3000 can access it.

*Dependent on DVR system manufacturer. ** Camera must support these functions

Advantages and Benefits

- Vehicle tracking
- Flexible reporting capability including muster report
- Elevator control
- Super Fast - Door opens under ½-second; processing up to 921Kbps; full downloads in under 5-minutes (firmware & data)
- LDAP Active Directory Compliant for streamlined log-ins
- Foreign language support (including right to left support)
- Easy upgrade path for legacy Continental & Sensormatic AC500
- Graphical floorplan maps
- Unlimited system operators
- Advanced scripting service
- Custom alert sounds

Server and Database

- Server OS: Win 2003 Server R2/ Win 7 Pro/Win 2008 Server R2/Win 8.1 Pro/Win 2012 Server R2
- Software runs as a Service (Desktop applications associated with CA3000 can run as a service.)
- Database: Microsoft SQL 2005/ 2008 R2/2012
- Additional communication & redundant server support
- TCP/IP communication to controllers

Access Control

- Unlimited cardholder database (SQL)
- Database partitioning
- Card capacity up to 1,000,000 cards on later generation panels
- Transaction storage limited only to hard drive size
- 30,000 access groups
- 5 Holiday calendars with 100 holidays each
- Unlimited readers and 112,000 relay outputs per location readers and 112,000 relay outputs per location

Alarm Monitoring

- Over 124,000 supervised alarm inputs per location
- Photo recall and/or video pop up on alarm
- Custom sound files per alert
- Color coding of priority events
- Single acknowledge or acknowledge all capability

Unsurpassed card/reader processing speeds and multitasking

- Super-fast door open times under ½ a second, even processing full cardholder CHUID numbers.
- **FIPS/TWIC Full reader support, including Biometric compliant FIPS201,TWIC; FRAC, CAC-NG;** 26 to 256 bit cards. Ideal for local, municipal, state and Federal Government applications
- Complete FASC-N software support, badge expiration evaluation, autonomous fast badge evaluation in all firmware at control panels.
- Validation of ID card certificate and continuous monitoring of Government Revocation List (programmable frequency).
- Enrollment Station Reader - Both validates certificate from Government website and auto-populates cardholder data – eliminating data entry/ errors

Multitasking Reader Technology Support

- Biometric, Smart Card, Proximity, Wiegand, X-Y matrix keypad, barcode, magnetic stripe
- Simultaneous multiple credential and reader format support, from cards and fobs to biometrics

The configuration used for the per location capacities include CA3000 SQL software, Turbo Superterm panels and two secondary com servers.

CA3VrNuK	*CA3000 Software where:* *Vr = version (25=v2.5; 26=v2.6; 27=v2.7;28=v2.8;29=2.9; 11=V2.11), Nu = # of users, (01=1 user; 05=5 users; 10=10 users; …), K = security key type, (S = software key and U = USB hardware key)*
Common Configurations:	
CA321101U	CA3000 V2.11 Single User Software. Includes CardAccess" 3000 file server software and SQL Express Database with a USB security key.
CA321105S	CA3000 V2.11 Software, supporting up to 5 Users. Includes CardAccess 3000 file server software and SQL Express Database (MS SQL 2008 R2 recommended for larger databases and higher performance) recommended forlarger databases and higher performance) with a software security key.
CA321110S	CA3000 V2.11 Software, supporting up to 10 Users. Includes CardAccess 3000 file server software (MS SQL 2008 R2 required - not included with CA3000) with a software security key.
CA321125S	CA3000 V2.11 Software, supporting up to 25 Users. Includes CardAccess 3000 file server software (MS SQL 2008 R2 required - not included with CA3000) with a software security key.

** Contact Sales Rep for over 25 Workstation Quotes**

CA3000 V2.11.x Server/Host PC Recommendations

	Server (1-4 Workstations)	Server (5-19 Workstations)	Server (20-49 Workstations)
Processor	Intel Dual Core, 2.6GHz (min)	Xeon Quad Core 2.0GHz (min)	2 x Xeon Quad Core 2.0GHz (min)
Ram	4 GB Min	8 GB Min	8 GB Min
Hard Drive	300 GB	500 GB	Raid 5 - 3 drives minimum
USB Ports	4 Min	4 Min	4 Min
Serial Ports	Optional - 1 expandable to 64	Optional - 1 expandable to 128	Optional - 1 expandable to 128
Mouse	USB	USB	USB
Monitor	17" SVGA (1024x768)	17" SVGA (1024x768)	17" SVGA (1024x768)
DVDROM	48x/16x	48x/16x	48x/16x
DVDRW	24x/8x	24x/8x	24x/8x
Sound	Optional but Stand-Alone	Optional	Optional
Network Card	100/1000 Mb NIC Ethernet	100/1000 Mb NIC Ethernet	100/1000 Mb NIC Ethernet
Operating System	Win 7 Pro w/ SP1 32/64 bit, Win 2003 Server R2 w/SP2 32/64 bit or Win 2008 Server R2 w/ SP2 (Windows 8.1 Pro and Server 2012 R2 supported on V2.9.88 or later)	Win 7 Pro w/ SP1 32/64 bit, Win 2003 Server R2 w/SP2 32/64 bit or Win 2008 Server R2 w/ SP2 (Windows 8.1 Pro and Server 2012 R2 supported on V2.9.88 or later)	Win 7 Pro w/ SP1 32/64 bit, Win 2003 Server R2 w/SP2 32/64 bit or Win 2008 Server R2 w/ SP2 (Windows 8.1 Pro and Server 2012 R2 supported on V2.9.88 or later)
Database	MSSQL 2005/2008 R2 Express or MSSQL Server 2005/2008 R2 for higher performance (SQL 2012 R2 supported on V2.9.88 or later)	MSSQL Server 2005/2008 R2/2012 R2 recommended (MSSQL 2012 R2 supported on V2.9.88 or later)	MSSQL Server 2005/2008 R2 recommended (MSSQL 2012 R2 supported on V2.9.88 or later)
Backup	Tape / CD / DVD / Network	Tape / CD / DVD / Network	Tape / CD / DVD / Network
System Size	This is the recommended PC server specification for a system with up to four workstations. It can be used for a stand- alone system, a workstation or a CA3000 Server. For high transaction environments some specifications may change.	This is the recommended PC specification for a CA3000 Server supporting up to nineteen workstations. For high transaction environments some specifications may change.	This is the recommended PC specification for a CA3000 Server supporting up to forty nine workstations. For high transaction environments some specifications may change. For larger systems please consult with Continental Access.
Notes:	(1) If using SQLExpress 2005/2008 R2/2012 R2, the database size should not exceed 4GB/10GB/10GB. (2) Disk drive usage is dependent on the number of transactions kept in backup. (3) Additional RAM will improve performance (4) It is best to perform badging and other integration functions on a workstation, not the server.		

Note: Other than a small Stand-Alone system, Continental Access does not recommend running Photo-badging, DVR/NVR Integration, Napco Integration, Scripting, or Dynamic Maps from a Host machine. Please refer to our Workstation Recommendation below for these specifications.

CA3000 V2.11.x Workstation PC Recommendations

	Workstation-Event Viewing Only	Workstation-Event Viewing + any one Integration feature (Badging, DVR/NVR, Napco, Scripting, or Dynamic Maps)	Workstation-Event Viewing + any two Integration features (Badging, DVR/NVR, Napco, Scripting, or Dynamic Maps)
Processor	Intel Core2 Duo, 2.2GHz min	Intel Core2 Duo, 2.6MHz min	Dual Intel Core2 Duo, Intel Quad Core or Xeon
Ram	4 GB Min	8 GB Min	8 GB Min
Hard Drive	80 GB min	160 GB min	250 GB min
USB Ports	2	4	4
Serial Ports	N/A	N/A	N/A
Mouse	USB	USB	USB
Monitor	17" (1024 x 768) min	17" (1024 x 768) min	17" (1024 x 768) min
DVDROM	48x/16x	48x/16x	48x/16x
DVDRW	24x/4x Optional	24x/4x Optional	24x/4x Optional
Sound	Recommended	Recommended	Recommended
Network Card	100 NIC Ethernet minimum	100/1000 NIC Ethernet	100/1000 NIC Ethernet
Operating System	Win XP Pro w/SP3, Win 7 Pro w/ SP1 32/64 bit, Win 2003 Server R2 w/SP2 32/64 bit or Win 2008 Server R2 w/SP2 (Windows 8.1 Pro and Server 2012 R2 supported on V2.9.88 or later)	Win XP Pro w/SP3, Win 7 Pro w/ SP1 32/64 bit, Win 2003 Server R2 w/SP2 32/64 bit or Win 2008 Server R2 w/SP2 (Windows 8.1 Pro and Server 2012 R2 supported on V2.9.88 or later)	Win XP Pro w/SP3, Win 7 Pro w/ SP1 32/64 bit, Win 2003 Server R2 w/SP2 32/64 bit or Win 2008 Server R2 w/SP2 (Windows 8.1 Pro and Server 2012 R2 supported on V2.9.88 or later)
Database	N/A	N/A	N/A
Backup	N/A	N/A	N/A
Notes:		For large corporations, hospitals or colleges, a frame video capture card and high- end digital camera is recommended on a badging station. Depending on the amount of photo's needed to be taken per-day on a Badging station; or for other functions the number of DVRs/NVRs or Napco Panels Integrated; or the number of Scripts or Dynamic Maps running additional RAM may be required.	

CardAccess 3000: A complete access control and digital video solution

The Continental Access DVR Integration solution provides seamless integration with industry leading video partners (see below). By combining the power of the Continental Access CA3000 Version 2 Access Control System and state-of-the art DVR products, real-time video can be automatically associated to any alarm event from a reader, input or Napco zone in the CardAccess system. Then, from any CardAccess workstation, the operator can instantly retrieve recorded video associated with the event with a simple click of an icon.

The recorded video window has a play button, stop button and a scroll bar for simple VCR-like control. When the recorded video window is on display, the occurrence of a new event will replace the recorded video display with the recorded video of the newly occurred event.

In addition, the user may monitor live video from either 4 or 9 cameras simultaneously directly from the CA3000 GUI.* The user may also remotely search for recorded video from 1, to as many as 99, DVR servers on the network by using the CA3000 integrated search feature. Other CA3000 DVR Integration features include: Remote 4/9 camera viewing, video picture enhancement, PTZ control*, camera preset recall**, zoom**, focus**and Iris Control**. (**Camera must support these functions)

The CA3000 software communicates with any supported DVR server on the network via TCI/IP protocol. All DVR servers are time-synchronized with the CA3000 server. So no matter where the video is being stored, across the street or across the country, CA3000 can find it.

- **Video Event Notification** Custom icon displays in the CA3000 whenever there is video associated with an event or alarm
- **Motion Event Recording** Camera starts to record on motion in an area
- **Alarm Recording** Setup events from the CA3000 to trigger camera recording
- **Recording Notification Event** Notifies the user through the CA3000 GUI when a camera starts recording due to motion or alarm
- **Audio Inputs** Allows monitoring and recording **of up to** 4 audio devices
- **4/9 Video View** Monitor 4 or 9 cameras* from different DVR's simultaneously from the CA3000 GUI
- **PTZ Control** Pan, Tilt & Zoom control from the CA3000 GUI (camera must be capable of these functions)
- **Recorded Video Search** Search for recorded video directly from the CA3000 GUI.
- **TCP/IP Communication** The CA3000 uses reliable TCP/IP communication to all DVR Servers on the network
- **User Setup** Video monitoring is controlled and limited by a user name and password.
- **Preset Control** Setup and run custom camera presets directly for the CA3000 GUI.
- **IP Camera Support***** Connect to IP cameras on your network

**Dependent on DVR system manufacturer.*

Video Partners Include:

- Milestone (XProtect Series – Enterprise, Corporate, Professional, Expert, Express)
- Pelco (DS & DX models)
- Hitron (EH Series, OEM)
- Integral (DS model)
- Video Insight
- Dedicated Micro
- Salient (models shown on next page)

New Salient™ Power Protect Series: DVR/NVR s

PowerChoice Model Features:

All PowerChoice models include Windows 7 64 bit OS, 4GB Ram and up to 32 direct connect analog & simultaneous IP camera support.

Part Number	Model	Video & OS Storage
CA-PC-1TB	PowerChoice 1TB	1TB
CA-PC-3TB	PowerChoice 3TB	3TB
CA-PC-6TB	PowerChoice 6TB	6TB
CA-PC-8TB	PowerChoice 8TB	8TB

PowerPlus Model Features:

All PowerPlus models include a Dual Intel Zeon E5-2047 CPU's, 12GB Ram, Windows Server 2008 R2 64 bit OS, 2U rack mountable chassis, 500GB RAID 1 OS Storage and up to 32 direct connect analog & simultaneous IP camera support.

Part Number	Model	Video Storage
CA-PPL-4TB	PowerPlus 4TB	4TB Raid 5
CA-PPL-8TB	PowerPlus 8TB	8TB Raid 5
CA-PPL-12TB	PowerPlus 12TB	12TB Raid 5
CA-PPL-16TB	PowerPlus 16TB	16TB Raid 5

PowerPro Model Features:

All PowerPro models include a Intel i7-2600 CPU, 8GB Ram, Windows 7 64 bit OS, 4U rack mountable chassis, 500GB RAID 1 OS Storage and up to 32 direct connect analog & simultaneous IP camera support.

Part Number	Model	Video Storage
CA-PP-1TB	PowerPro 1TB	1TB
CA-PP-3TB	PowerPro 3TB	3TB
CA-PP-6TB	PowerPro 6TB	6TB
CA-PP-9TB	PowerPro 9TB	9TB
CA-PP-12TB	PowerPro 12TB	12TB
CA-PP-15TB	PowerPro 15TB	15TB
CA-PP-20TB	PowerPro 20TB	20TB

PowerPro-R Model Features:

All PowerPro-R models include a Intel i7-2600 CPU, 8GB Ram, Windows 7 64 bit OS, 4U rack mountable chassis, 500GB RAID 1 OS Storage and up to 32 direct connect analog & simultaneous IP camera support.

Part Number	Model	Video Storage
CA-PPR-4TB	PowerPro –R 4TB	4TB Raid 5
CA-PPR-6TB	PowerPro –R 6TB	6TB Raid 5
CA-PPR-9TB	PowerPro –R 9TB	9TB Raid 5
CA-PPR-12TB	PowerPro –R 12TB	12TB Raid 5
CA-PPR-16TB	PowerPro–R16TB	16TB Raid 5

PowerUltra Model Features:

All PowerUltra models include a Dual Intel Zeon E5-2620 CPU's, 16GB Ram, Windows Server 2008 R2 64 bit OS, 2U rack mountable chassis, 146GB RAID 1 OS Storage and up to 32 direct connect analog & simultaneous IP camera support.

Part Number	Model	Video Storage
CA-PU-12TB	PowerUltra 12TB	12TB RAID 5
CA-PU-16TB	PowerUltra 16TB	16TB RAID 5
CA-PU-18TB	PowerUltra 18TB	18TB RAID 5
CA-PU-24TB	PowerUltra 24TB	24TB RAID 5
CA-PU-30TB	PowerUltra 30TB	30TB RAID 5
CA-PU-40TB	PowerUltra 40TB	40TB RAID 5

Badging 3000: Complete badging solution

Optional Badging3000 photo-badging package for Continental CA3000 software enables users to easily capture employee images, add custom text and images, create custom card layouts and print ID cards or credentials with magnetic stripes, barcodes, Smart chips and/or holographic images.*

The Badging3000 package is extremely flexible. Employee images can be captured remotely with a handheld digital camera, no need for special capture devices, imported into the PC. Or, photos can be directly captured via our point and click image station with badging printer, custom backgrounds, video camera and capture card. **

Continental Badging3000 also comes with many time saving features including a smart, face finding tool. This feature enables users to capture consistent photos every time by automatically cropping to the face portion of the photograph.

Badging3000 database management tools enable users to quickly view, retrieve and reprint cards.

Feature list:

- Drag-and-Drop WYSIWYG Badge template editor
- Desktop automated camera capture
- Context sensitive online help
- Integration with CA3000 SQL Database
- User defined badge templates

Printing

- Supports any Windows-compatible printer
- Prints both sides of a layout (duplex printing)
- Supports CMYK

Image Capture

- Face finding feature automatically locates a face within an image then centers, crops and stores it
- Supports capturing from file, AVI, TWAIN & WinTab point and click configuration of image capture devices
- Plug-in functionality according to plug-in driver capabilities

Image Support

- Supports most industry standard image file formats.
- Auto size static images to match size of object to physical size of image in header file
- Correct color and crop during image acquisition
- Adjust-by-example dialogs
- Special effects
- Red-eye removal
- Image enhancement
- Horizontal and vertical image mirroring option
- Print images with watermarks

Card printing

- Multiple alignment choices and duplex printing on cut-out sheets
- Point and click configuration of card printers and internal encoders
- Magnetic stripes can be encoded at print time
- Easily copy, cut and paste elements between multiple design windows
- Duplex printing with user-definable printing modes
- Select background color from standard and custom palettes
- Import all popular Windows image file formats
- Vertical text option
- Draw lines, rectangles, round rectangles & ellipses
- Create dynamic text objects including database fields and expressions
- Create drop shadows
- Apply predefined ghost effect to static and dynamic images
- User-definable fade or transparency levels with static and dynamic images
- Remove background pixels from static and dynamic images (close-cropping)
- Add barcodes with user-definable properties and values
- Unlimited user-definable image types
- Add static images with aspect ratio control
- Full True Type and ATM font support
- Supports all popular bar code types
- Supports Symbol® PDF417

*Special ordering may be required. ** Contact Continental Access for compatible capture cards

Ordering Information for CA3000 Software with Badging Software & Hardware (requires PC):

CICEFPACKC-1 Badging3000/CA30005U Package (C) – Still Digital

- **CA3000** 5 user software package with dongle CA30005U (Does not include PC)
- **Badging3000** - badging software for use with CA3000 V2.1 and higher.
- **CICDC**- Still digital camera with software, stand/tripod & power cord
- **CICGF52000 FARGO DTC4250E** Single Side Base model printer and 1 printer ribbon.

Note: EPICANON-EOS is required to capture directly into CA3000 – See package D.

CICEFPACKD-1 Badging3000/CA30005U Package (D) – Direct Capture

- **CA3000** 5 user software package with dongle CA3000 5U
- **Badging3000** - Badging Software for use with CA3000 V.2.1 and higher
- **EPICANON-EOS** - Canon plug-in
- **CICDC**-Digital camera with software, stand/tripod & power cord, universal blue background screen 5
- **CICGF52000 FARGO DTC4250E** Single Side Base model printer & printer ribbon.

Note: Contact Continental for additional printer options and Direct Capture Economy Package options.

Napco Gemini Alarm System Integration

CardAccess 3000's Gemini Alarm Panel Interface (#CA3NAPX) integrates alarm events, reporting and control within the CA3000 graphical user interface. It routes alarms by priority on the event/pending screen in realtime.

Advantages are:

- Direct alarm reporting for faster response; central station-like reporting
- Pinpointing of alarm locations on GUI
- Email or pager notifications in emergency
- Cardholder arm/disarm of alarm system with audit trail option
- Alarm event-to-DVR video triggers
- Bidirectional relay control
- Communication options for 50', 100' or remote TCP/IP network connection (with NL-MOD-UL & iRemote-MOD/12)

CardAccess supports Gemini X255, P9600, P3200 and Gemini Commercial GEMC-255, GEMC-96, GEMC-32 and GEMC-128 Alarm Panels, featuring:

Napco Panel	P3200	P9600	X255	GEMC-128
Min.- Max. Zones (wired/RF)	8 -32 (48RF)	8 - 96	8 - 255	8-128
Fire Zones	32, 2 2-wire	96, 8 2-wire	96, 8 2-wire	128
User codes	48 / 195	96 / 195	195	195
Relays: Onboard, max. expandable	3; 24 max.	3+1 prog lug,; 96 max.	3+1 prog lug,; 96 max.	96
Areas	2 / 8	8	8	8
Event Log	800	800	800	800
Schedules	255	255	255	255
Gemini Custom-Alphanumeric Keypads (GEM-)	7; RP1CAe2,K1CA	15; RP1CAe2, K1CA	15; RP1CAe2, K1CA	GEMC-BK1

Accelaterm™ CICP2800 Super-Speed 16-Door Access Controller

Featuring:

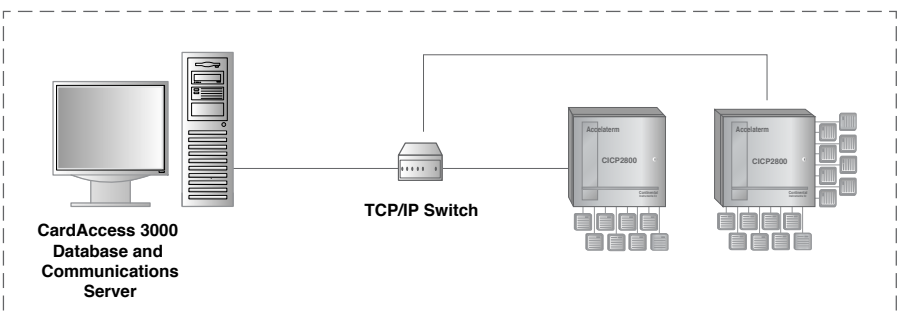
- Minimum 40,000 card capacity, 100,000 to 200,000 typical, expandable to Million+
- Eight or Sixteen Wiegand Output Readers (Eight standard onboard), Eight additional readers with Optional Reader Expansion Plug-in PCB
- Eight or Sixteen Keypads (Wiegand Format only)
- Superfast 54 MHz 32 bit processor
- Onboard direct-connect LAN adapter for speeds 921K BPS (standard on all units)
- Downloadable Firmware loaded to Flash memory 2 sec or less
- Under 5 minutes for full downloads (firmware and data).
- 24 Supervised inputs (Standard), Expandable to 72 using I/O Expander (3 I/O Expander Boards Max. on 8 Door and 2 I/O Expander Boards Max. on 16 Door)
- 17 Form C rated relay outputs (Standard-All relays 2.5 AMP PTC Limited), Expandable to 65 using I/O Expander (If 3 I/O Expander boards are used on a 16 Door Accelaterm, the inputs are not available on the third I/O Expander Board)
- 4MB on-board memory, expandable to 20MB
- 1000 Standard transaction buffer, Expandable to 10,000 (software dependent)
- 256 Time schedules
- 30,000 Access groups
- 5 Sets of 100 holidays
- Unsurpassed FIPS/CAC/TWIC performance
- Super-capacity power supply for max. standby and reader power
- Reader Power 1.5A@5VDC (total for all readers), 350mA@12VDC(max. for each reader)
- Accessory Power 600mA@12VDC
- Switchable P.S. 120 VAC/240 VAC, 120W Nominal
- Battery Backup 3-4 hours with 2-12 AH Batteries at Max. Load (Batteries not included)
- Enclosure Size 24.18"H x 16.13"W x 5"D, 48lbs.
- UL294, CUL and CE listed.

Accelaterm Ordering & Options:

Part No.	Description
CICP2800	Accelaterm Eight/Sixteen (8 /16) Reader processing panel (for use with CA3000 v.2.9 and above), super-fast 54MHz 32-bit processor; 4MB on-board memory capacity, expandable to 20MB; supports up to 40,000 cards, expandable to over a million; 24 supervised inputs, expandable to 72, 17 Form C-rated relay outputs (expandable to 65), tamper. Supports multiphase threat level management and lock-down. On-board direct-connect LAN adapter for speeds over 921Kbps, 30,000 access groups; 5x100 holidays; 256 time schedules. Unit shipped complete in a lockable steel enclosure including relay board for 8/16 doors, on-board ethernet adapter, power supply/charger and battery standby(batteries not included) for memory and system operation. UL294, CUL and CE listed.
CICP2800EXPRDBD	Optional 8-Input Wiegand/Mag plug-in board, for door-contact monitoring and power.
CICP1300IOCOMBO	Optional Input/Output Relay Board provides 16 supervised alarm inputs and 16 Form C relay outputs. Supplied with RJ12 connector cable and within enclosure with power supply, charger and battery. (Can house one additional board, CICP1300IOBD.)
CICP2800RS485BD	Optional Full-duplex EIA485 Repeater Board with ground fault isolation. (Plug-in board).
CICP1800NETBD	Ethernet Adapter (Best Option: Alternative to EIA and 485 communications).
CICP18ACCMEMBD	Optional 8MB Memory expansion board (stick), add up to 2ea. for 20MB memory, on CICP2800.
CICP2800RLYBD	17-Relay expansion board, provides 16 Form C-rated outputs plus tamper for CICP2800. (Replacement use.)
CICP2800PMBD	Accelaterm Mother board circuit board only. (Replacement use.)
CICP2800PCHGBD	Power charger board for CICP2800. (Replacement use.)
CICP2800PS150	12A power supply for CICP2800. (Replacement use.)

CICP2800 Eight/Sixteen Door intelligent Controller

The Accelaterm can connect to the CardAccess Server via 10 /100 Base-T LAN/WAN (Standard), EIA-232 (Optional) and EIA485 (optional). Refer to the Accelaterm Service and Installation manual for additional detailed system wiring information.



Turbo Superterm: More speed, more power and unmatched performance

Turbo Superterm-8 is an expandable intelligent controller capable of supporting all access control functions for one to eight doors. This distributed processor-based panel will operate as a stand alone unit in the event server-communications are interrupted. The Turbo Superterm is programmed via Continental Access CardAccess® software, a Windows based access control and security management solution. Once programmed, the controller does not require continuous server communications, as it automatically stores system transactions in its internal memory. The Turbo Superterm's memory is field expandable, allowing for greater cardholder populations and/or a larger transaction buffer. The controller's Flash EPROM firmware is easily upgraded when additional features or system enhancements are required. Continental's controllers feature extensive multi-stage lightning/ transient protection on-board for maximum reliability even in harsh environments.

Turbo Superterm-8 Capacities

- 40,000 cards standard (exp. to 210,000)
- 8 Five-wire, Wiegand output readers
- 8 Seven-wire X-Y Matrix type keypads
- 24 Supervised inputs
- 48 Additional inputs (Supervised)
- 17 Form C rated standard outputs at 3A@24VDC/VAC
- 48 Additional Form C rated outputs at 3A@24VDC/VAC
- 1000 Standard transaction buffer (exp. to 250,000)
- 256 Time schedules
- 30,000 Access groups
- 5x100 Holidays
- Reader Power 800mA@5VDC, 500mA@12VDC
- Battery Backup 4-6 hours included
- Enclosure Size 21.5"H x 21.25"W x 7"D, 48lbs.
- UL Listings Optional UL294, UL1076, CE

Note: *A maximum of 3 Expansion Boards in any combination may be added to the Turbo Superterm

ORDERING INFORMATION	
CICP1800T	Turbo Superterm Eight (8) reader Access Control processing panel (for use with CA3000) with up to 20,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Unit shipped complete in a steel enclosure including a 7AH battery standby for memory and system operation. Note: The Turbo Superterm advanced features will only function when running with CA3000 Software v2.0 and higher; with all other CardAccess windows-based software products, the Turbo will funciton as a standard Superterm. UL294 and CUL Listed.
CICP1800TEXP	Turbo Superterm with expanded power supply. Required if more than one relay expander board (CICP1800RB) is to be used.
CICP1800TPCB	Turbo Superterm Pc Board
CICP1400ULT	Turbo Superterm Four
	Four (4) reader Access Control processing panel with 20,000 card capacity 12 supervised alarm inputs, tamper alarm, 9 relay outputs. Unit shipped complete in a painted steel enclosure including 7 AH battery standby for system operation. UL294 and CUL Listed.
CICP1400ULTPCB	Turbo superterm four pc board
CICP1800MB2X2	Turbo/Superterm Memory Board - 2MB (up to 140,000 cardholders); two (2) of these units may be installed on a Turbo Superterm. One of these units may also be installed on a standard Superterm.
CICP1800RB	Relay Expander Board - 16 output relays, 8 alarm inputs
CICP1600AB	Alarm Expander Board (Supervised) - 16 alarm inputs UL Listed
CICPEXPPWS	Expanded Power Supply for Superterm or Turbo Superterm Only - (if more than one relay expander board is to be used, or if powering multiple 12VDC readers from the controller) This option may be field installed.

Accelerator Board for Super family of Controllers

CICP18ACCBD

Smart-module that attaches to Superterm or Turbo Superterm family of controllers (excluding SuperTwo) and adds numerous functionality advantages. Accelerator supports FIPS 201 PIV badge formats.

Once attached, the accelerator board takes over all processing and memory duties from the original controller with a 32-bit microprocessor that executes a staggering 54MIPS (million instructions per second). It also adds an on-board LAN adapter for direct CAT-5 connection to a network with connection speeds in excess of 921Kbps. This is roughly fifty to seventy-five times faster than current download speeds.

Along with all of the speed advancements, memory capacity has also been substantially increased. The accelerator board comes standard with 4MB of on-board memory that is expandable to 20MB with the addition of two 8MB modules of industrial type SIMMS. These are user installable and optional. This gives the Super controllers equipped with an accelerator five times the memory capacity of a standard Superterm and the ability to store over one million cardholders on a single controller.

Performance improvements:

- Faster downloads
- Larger cardholder capacity
- Faster processing performance
- Built-in TCP/IP communication
- Simple installation

The accelerator board is yet another example of Continental's commitment to making existing equipment upgradeable to today's ever-expanding needs. Unlike other access control manufacturers, Continental does not obsolete equipment just because of a new software release. This translates into substantial cost savings in both equipment and labor.

Turbo Superterm HID Iclass Package

TURBO8H-iPK
Contains:
1 - **CICP1800T** Turbo SuperTerm Controller
8 - **CICR10** iClass Readers
1 - **CA321105U000100** CA3000 Five User Software w/ Napco Integration
100 - **CICC2080** iClass Clamshell Contactless Smart Card

Turbo Superterm aptiQ 13.56mhz Package

TURBO8XPK
Contains:
1 - **CICP1800T** Turbo SuperTerm Controller
8 - **CICRXF1060** Mini-Mullion 13.56MHz Readers
1 - **CA321105U000100** CA3000 Five User Software w/ Napco Integration
100 - **CICCXC9440** XceedID ISO-X Clamshell Contactless Smart Card

Turbo Superterm HID Package

TURBO8HPK
Contains:
1 - **CICP1800T** Turbo SuperTerm Controller
8 - **CICR2364P** Proxpoint Readers
1 - **CA321105U000100** CA3000 Five User Software w/ Napco Integration
100 - **CICC2321P** HID ProxCard II's

Mobile Access Control

Continental Access CA3000 Software seamlessly supports HID® & XceedID™ Readers and Bluetooth LE and Near Field Communications (NFC) for Mobile Access Control, using "virtual credential access" on smart phones, smart devices, to grant authorized users access priviledges, as an alternative to traditional, physical ID cards, badges, keyfobs credentials,etc.

Both NFC & Bluetooth LE Support:

- HID Smart Readers, using a Bluetooth LE Solution in Readers (ordered with "-M" suffix), using their App, with purchased series of virtual credentials (used in lieu of cards).
- XceedID Readers, all standardly include an NFC Solution, used in conjunction with their App & series of purchased virtual credentials (used in lieu of cards).

For more specifications on either of these NFC and Bluetooth solutions, please contact the respective reader manufacturer.

SuperTwo: Expandable two door controller

SuperTwo 2 door intelligent controller

CICP1300

Super-Two is an expandable intelligent controller capable of supporting all access control functions for one or two doors. This distributed processor-based controller will operate as a standalone unit in the event communications with the server are interrupted. The Super-Two is programmed via Continental Access CardAccess® software Once programmed, the controller does not require continuous server communications, as it automatically stores systems transactions in its internal memory. The Super-Two's memory is field expandable, allowing for greater cardholder populations and/or a larger transaction buffer. The controller's Flash EPROM firmware is easily upgraded when additional features or system enhancements are required. All Continental Instruments' controllers feature extensive multi-stage lightning/transient protection on-board for maximum reliability, even in harsh environments. The Super-Two accepts industry standard Weigand output devices and supports virtually all card/reader technologies. Proximity, Smart, Biometric, Magnetic Stripe, Barcode, Weigand and Keypad readers are easily connected and controlled. The Super-Two can store multiple (up to 10) card bit formats in its internal memory, making it a cost-effective retrofit panel. Supporting multiple bit formats allows existing card populations and readers to remain in place when upgrading to the Super-Two controller.

- 20,000 Cards standard (expandable to 125,000)
- 2 Readers (Weigand output)
- Support for 2 Weigand keypads or X-Y matrix (optional interface required)
- Simultaneous support for 2 Weigand readers plus 2 Weigand keypads or 2 X-Y matrix keypads
- X-Y matrix keypad interface optional (required for X-Y matrix Keypads)
- Standard Memory 512KB (upgradeable)
- 2 MB memory expansion optional (CIC P1300XYB2)
- Optional 10-100 base T network interface plug-in (CICE-PNETBD)
- 8 Supervised inputs
- 48 Additional expanded inputs (supervised)
- 5 Form C rated standard outputs at 2.5A@24VDC/VAC
- 48 Additional Form C rated expanded outputs at 3A@24VDC/VAC
- Transaction buffer 1000 standard (expandable to145,000)
- 255 Time schedules
- 1,000 Access groups
- 100 Holidays
- Power Input 120VAC/60Hz to 230VAC/50Hz
- Power per reader 100mA@5VDC, 200mA@12VDC
- Accessory Power 1.2A@12VDC available for powering strikes,mag-locks and other accessories
- Battery Backup 7AH 4-6 hours (included)
- Enclosure Size 15.75"H x 13.75"W x 3.25"D, 14lbs.
- UL 294, CSA C22.2

Accelaterm/ SuperTwo I/O Expander

Overview

The Continental Access Accelaterm/Super-Two I/O Combo Supervised Alarm/Relay Expander is designed to expand the capability of the Accelaterm/Super-Two Access Control panels. Each I/O board allows for an additional 16 supervised alarm inputs and 16 Form C Relay outputs. The user may add a maximum of three (3) additional I/O boards per Super-Two.

I/O Combo Standard Features

- 16 Supervised Alarm Inputs per board
- 16 Relay Outputs per board
- LED Status Indicators
- Auto-switching Power Supply
- 12V Accessory Power
- Battery Powered Backup
- Battery Charger
- The Super-Two I/O Combo version comes equipped with everything you need for plug-n-play operation including an auto-switching power supply, 7aH Battery and battery charger.
- The battery charger provides open-collector outputs for AC Fail & 12V Fail notification as well as both fast and trickle charge of the battery.
- The power supply provides automatic switching between 120V & 240V for use in both North America and Europe.
- The I/O expander board provides LED status feedback for 12V power, relay activation, input status and overall board health.
- The board also comes standard with an Accessory Power Out circuit that provides battery-backed 12V DC power for accessory equipment such as sounding devices, REX sensors, door strikes, etc...

Simplified Connectivity

The I/O Expander connects to the Accelaterm and the Super-Two via a three-foot RJ-12 communication cable (supplied).

Additional Expandability

The Super-Two I/O Combo allows for growing expansion (see figure on back). In order to reach the maximum number of relay outputs and alarm inputs one need to add an additional Expander board to the Combo enclosure. The board would be powered from the same power supply and comes with the necessary RJ-12 communication cable. Next, a third Expander board and additional enclosure would need to be added to the system. Once again the board is powered from the same power supply in the Combo enclosure and comes with the RJ-12 communication cable. On an 8 Door Accelaterm, this combination allows for control of an additional 48(72 total) supervised alarm inputs and an additional 48(65 total) relay outputs. On a 16 Door Accelaterm, this combination allows for control of an additional 32(72x total) supervised alarm inputs and 48(65 total) relay outputs. On the Super-Two, this combination allows for control of additional 48 (56 total) supervised alarm inputs and 48 (52 total) relay outputs per Super-Two.

SuperTwo HID iClass Package

CA-2PACK-I Contains:

1 - **CICP1300** SuperTwo Controller
2 - **CICRR10SE** iClass Readers
1 - **CA321105U000100** CA3000 Five User Software w/ Napco Integration
50 - **CICC2080** iClass Clamshell Contactless Smart Card

SuperTwo aptiQ 13.56MHz Package

CA-2PACK-APT Contains:

1 - **CICP1300** SuperTwo Controller
2 - **CICRSM10B** Mini-Mullion 13.56MHz Readers
1 - **CA321105U000100** CA3000 Five User Software w/ Napco Integration
50 - **CICCX9420** XceedID ISO-X LITE MIFARE Clamshell Contactless Smart Card

SuperTwo HID Package

CA-2PACK-H Contains:

1 - **CICP1300** SuperTwo Controller
2 - **CICR2364P** Proxpoint Readers
1 - **CA321105U000100** CA3000 Five User Software w/ Napco Integration
50 - **CICC2321P** HID ProxCard II's

SUPERTWO OPTIONS	
CICP1300	Two (2) reader processing panel (for use with CA3000 V 2.0.25 and above) 512K memory standard upgradable to 2.5M total memory capacity with up to a 125,000 card capacity, 8 EOL supervised alarm inputs, tamper, 5 Relay outputs. Support for on-board LAN adapter, 57.6Kps, 6 Access Groups per card-holder Unit shipped complete in a lockable steel enclosure including battery standby for memory and system operation UL294 and CUL Listed.
CICP1300BD	Same as above-Circuit Board Only
CICP1300XYBD	X-Y MATRIX INTERFACE BOARD Optional interface when using 7-wire X-Y matrix keypads with the Super-two (not required for keypad with wiegand output)
CICP1300MB2	2MB MEMORY EXPANSION BOARD FOR SUPERTWO - up to 125,000 card capacity
CICP1300 NETBD	NETWORK INTERFACE BOARD FOR SUPERTWO - Optional plug-in adapter for communicating with the Super-Two over TCP/IP(LAN/WAN).
CICP1300ARBD*	ALARM-RELAY EXPANDER BOARD- Optional board adds 16 supervised inputs and 16 relay outputs.

Continental Access Control Panel Line:

Features and Capacities	Networx Panel	Super Two	Turbo Super Term 4**	Turbo Super Term 8**	Accelaterm
Part Number	NETWORXPANEL	CICP1300	CICP1400ULT	CICP1800T	CICP2800
Credential Capacity	Up to 5000	20,000 to 125,000	20,000 to 200,000	20,000 to 200,000	40,000 to 1,000,000
Number of Reader Ports	1 or 2	2	4	8	8 or 16
Number of Doors	1	1 or 2	1, 2, 3 or 4	1 - 8	1 - 16
Anti-Passback	Yes	Yes (1 Door)	Yes (2 Doors)	Yes (4 Doors)	Yes (8 Doors)
Matrix Keypad Capacity	No	Yes, Add-on Module	Yes	Yes	No
Duress Keypad	Yes	Yes	Yes	Yes	Yes
On-Board Supervised Inputs	No	8	16	24	24 (8 Door) or 40 (16 Door)
Additional Inputs Expansion	No	48	48	48	48 (8 Door) or 32 (16 Door)*
Tamper Input	No	Yes	Yes	Yes	Yes
On-Board Relay Outputs	2	5	9	17	17
Relay Output Expansion	No	48	48	48	48
Relay Output Contact Rating	8amps @ 30VAC or VDC	3amps @ 24vdc/vac	3amps @ 24vdc/vac	3amps @ 24vdc/vac	2.5amps @24vdc/vac
"On-Board" Communication Ports	WIFI, IEEE 802.11b, 802.11g	RS232/422	RS232/422	RS232/422	Ethernet
PC to Control Panel Communications	********** Serial / USB / Modem / TCP-IP / Fiber Optics / WiFi / Polling Line Converter **********				
Communication Baud Rates (BPS)	900 mhz spread spectrum	Up to 57.6Kbps	Up to 57.6Kbps	Up to 57.6Kbps	Up to 921Kbps
Power Input	16.5 vac, 50 VA Transformer	120/230vac	120/230vac	120/230vac	120/230vac
On-Board Battery Backup	Approximately 2 hours at Full Load	Yes (4 to 6 hours)	Yes (4 to 6 hours)	Yes (4 to 6 hours)	YYes - 3-4 Hours with 2-12AH batteries at max load *(Batteries not included)*
On Board Lithium Battery to preserve memory	No	Yes	Yes	Yes	Yes
+12V Reader Power Output	250ma @ 12V	1.2amps @ 12vdc	500ma or 3amps @12vdc	500ma or 3amps @12vdc	350ma max. @ 12V (per reader)
+5V Reader Power Output	800ma @ 5vdc	100ma @ 5vdc	800ma @ 5vdc	800ma @ 5vdc	1.5A@ 5VDC (total for all readers)
Auxialary Power Output	12 Volts @ 1.5 amps	1.2amps @12VDC	500 ma or 3amps@12V	500 ma or 3amps@12V	600ma
Diagnostic LED's	No	Yes	Yes	Yes	Yes
Firmware Upgrades	Flash ROM	Flash ROM	Flash ROM	Flash ROM	Flash ROM
On-Board Transient Protection	No	Yes	Yes	Yes	Yes
On-Board Memory	N/A	512K	512K	512K	4MB
Memory Expansion	No	2MB	4MB	4MB	20MB
Time Schedules	99	256	256	256	256
Access Groups	99	30,000	30,000	30,000	30,000
Holidays	5 X 30	5 x 100	5 x 100	5 x 100	5 x 100
Event Buffer Capacity	5000	1,000 to 10,000	1,000 to 10,000	1,000 to 10,000	1,000 to 10,000
Compliances	N/A	UL294, CSA C22.2	UL294, UL1076, CE	UL294, UL1076, CE	UL294, UL1076, CE

*An 8 Door Accelaterm can have up to 3 I/O Expander Boards added to it, unlike the 16 Door Accelaterm, which is limited to 2 I/O Expander Boards.
** Adding an Accelerator can expand the capacities of the Superterm and Turbo Superterm controllers

Trilogy Networx: Advanced wireless networking locks

Used with **Continental CardAccess,** Trilogy Networx Wireless Prox Locks are a **Realtime Intelli-Edge™ Solution,** including power, door position contact & request-to-exit button, all in a wireless lock that communicates over any size network eliminating door-to-door operations

PL/PDL6200 Intelli-Edge with built in HID® Prox Reader

Trilogy® Networx™ Locks eliminate door-to-door programming and audit trail retrieval by communicating wirelessly via Ethernet or 802.11B/G, while providing all original Trilogy standalone lock's functionality. They provide quick, easy, economical door access with advanced features & functions, like automatic schedules, event logs and support for 2000 doors and 5000 existing Prox. HID® ID Cards/Badges, but with no wires to run, and no extra power supplies to buy or install. At its simplest, it's one Grade 1 durable cylindrical wireless battery-powered lock per door (prox-only or prox & key-pad model), installed in about an hour, communicating to a single Gateway (each gateway controls up to 63 locks) simply networked to a PC. Or, for realtime solutions, using Continental CardAccess 3000, the locks also deliver *Intelli-Edge* door status (open, close or held) and forced-door events. In addition to Wireless Trilogy Networx' unsurpassed battery-life, exceeding 5 years, the cylindrical and mortise (6600 Series) models have new network-wide capabilities, executed from any lock or the network server, including emergency priority global lockdown or unlock deployed in seconds, and you can activate (non-priority) system-wide free-passage or locking modes globally or locally.

Features:

- **Trilogy Networx Locks communicate wirelessly via Ethernet or 802.11B/G** providing all standalone Trilogy lock functionality **plus** new network-wide global emergency lockdown/unlock commands
- **Built in Power - Unsurpassed 5-year+ battery life, typical**, using 4 C-cell batteries (supplied)**.
- **Trilogy Networx and gateway modules have an integral transceiver for highly-efficient 900MHz bidirectional communications**, for longer range and less interference.
- **In seconds, activate emergency global lockdown/unlock from any Networx lock or the server (with or without the PC online), by any authorized user with global permissions**
- **System-wide free-passage enable or disable**, can likewise be activated from the network
- **Built in HID® Reader - Networx Locks support up to 5000 HID® proximity ID cards, fobs, credentials** (Ideal for access doors where wiring a conventional HID reader is problematic.)
- **Instantly, in real time, wirelessly change users, schedules, lock features or retrieve audit trails of up to 10,000 events/lock from any networked PC.**
- **Realtime daily, weekly, monthly unattended programming updates or event log retrievals can be pre-scheduled**
- **Secure 128bit AES PC encryption and proprietary RF-link lock-to-Gateway communication encryption**
- **Remote System Management:** Web interface or VPN-connection /remote capability for accessing the Networx System and controlling up to all 2000 locks
- **Minimizing hardware & installation costs, a single gateway module can be placed anywhere on any size network and interface between the PC network and up to 63 Networx locks.**
- **Networx Gateways' wireless coverage performance equals or surpasses that of 802.11,** with each Gateway spanning up to 900' clear field range or 50,000 square feet of indoor coverage, typical***.
- **Up to 53 wall- or ceiling-mountable, compact gateway modules can be used per account and are available in wireless/hardwired and wired-only versions**
- **For the fastest most reliable networked system, in discovery setup mode, the system will locate and CardAccess 3000 will display each lock's signal strength** at each installed gateway, so you can select it and optimize reliable communications and eliminate guesswork.
- **Lock programming, user- and usage-data are also stored locally** at the battery-powered lock for uninterrupted door access usage in a power outage or server offline situation.
- **Up to 2000 locks and a computer communicate wirelessly** through bidirectional Gateways – eliminating the need for door-to-door programming and audit trail retrieval. In seconds, global lockdown or unlock can be implemented from any Trilogy lock, even if the server/computer is inaccessible or offline!

Trilogy Networx 6200 Series Specifications:

Weatherproof locks for indoor/outdoor use with wide operating temperature range (-31 to 151 degrees F). Industrial strength BHMA Grade 1 durability and vandal-resistant all-metal chasis with built in HID prox reader. ADA-compliant leversets. Easy-to-install modified ANSI A115 Series door prep; easily/neatly retrofit standard cylindrical knobsets and mechanical standalone locks, in under an hour. Non-handed. 3 hour UL fire-rated deadlatch. Supports 1-5/8 to 1-7/8" door thickness; 2-3/4" backset (2-3/8" available.) Manual key override standard; most IC cores alos supported on interchangeable core models. Wide choice of seven architectural finishes and IC core preps (6-7 pin). 26D Satin Chrome finish is standard.

Ordering Information for Networx Locks with Intelli-Edge Functions & Accessories:

PL6200 Cylindrical Trilogy Networx™ Wireless Access Control Lock with built in HID proximity reader, **Intelli-Edge Door position feature and contact, i**ntegral bi-directional radio, 4-C cell battery-operated (batts. supplied), serial number ID card, standard format SCI keyway for manual key override, 4-7/8" ASA Strike (incldd).

PL6100IC Model as above, but with interchangeable core prep. (Core not supplied)

PDL6200 Similar to PL6100, but also including full-metal digital keypad for digital code entry (or HID prox)

PL6200IC Model as above, but with interchangeable core prep.

PL6600 Mortise lock version of PL6200, specify left or right handed; field-reversible. Classroom function features stainless steel latchbolt, 3/4" (1.91cm) projection and deadlocking latch.

PDL6600 Mortise lock version, of PDL6200, with Digital Keypad and built in HID prox reader.

Networx Gateways:

AL-IM80211 Hardwire/Wireless Gateway Interface Module, with integral bi-directional radio, interfaces Networx locks with PC network with hardwired Ethernet and wireless 802.11. Powered with Class 2, 6VAC transformer (supplied). Supports up to 63 Networx Locks. Two antennas. Ceiling or wall mountable.

AL-IME Hardwire Gateway Interface Module, supports up to 63 Networx Locks, similar to above, but using hardwired connection to the network via RJ45 Ethernet cable. One antenna. Powered with Class 2, 6VAC transformer (supplied).

AL-IMEPOE Hardwire Gateway Interface Module + POE, supports up to 63 Networx Locks, as above, but using hardwired Ethernet and Power Over Ethernet (P.O.E.). Connects directly to a network via Ethernet cable.

*** Note: Battery life is directly proportionate to lock activations: users, door usage, program updates and audit trail downloads. Expected 5 year+ battery consumption estimate assumes 2000 authorized users, 100 passes per day, 365 days per year; daily updates changing one user and downloading 200 logged events every day.*

**** Note: Actual coverage is dependent upon building construction and mounting location of Gateway.*

ArchiTech: Designer Wireless Access Control Platform

ArchiTech™

Standalone • Networked • Enterprise

ArchiTech Series Networx Locks are an ideal access control solution; elegantly blending advanced wireless access control convenience within any décor, in an attractive, infinitely customizable designer locking form factor, in choice of trims and finishes. Ideal for educational, commercial office or multi-dwelling residential settings, these stylish, durable locks, leveraging proven Networx access control technology, offer a choice of ID credential technology, and can be used to control access a door at a time; across a wireless network; or as an integral part of a new or existing enterprise security system—spanning a few, or thousands of doors, in one building, a campus or multiple sites around the world.

Performance Overview

All Applications and Doors - Cylindrical and Mortise models for wood and metal doors, for new and existing applications, with wireless surface mount or mortised-in electronics and batteries.

Customize To Match Any Aesthetic Look, For Every Décor - Over 300 locks, levers, roses and finishes to choose from, durable ANSI/BHMA Grade 1 hardware over 300 locks, levers, roses and finishes

Future-Proof Multi-Technology Access ID Credentials Replace Cumbersome Keys – HID® Prox, Mag Stripe, Smart Cards, PIV, keyfobs and remote buttons

Emergency Lock-Down option via lock, button, keyfob or server (where networked). (Global Unlock via server too.)

Proven, Low Maintenance, Wireless Installation And Unsurpassed Battery-Life with Advanced Power-Saver circuit, with years of use in even high-traffic areas, using off-the-shelf AA batteries.

Flexible System Programming Locally using a USB Gateway or remotely across a wireless network (using free Alarm Lock DL-WINDOWS Windows-based software) or integrated on an enterprise class IT environment, in realtime, using either Continental-Access® CA3000 V2.11+

Networking Choices – Choose 802.11 or Ethernet network, with wireless encrypted bi-directional gateways, in which many locks communicate to a single gateway, or use a wireless RF USB Gateway equivalent. For entry door applications and the like, used in conjunction with strikes and mags, use with Networx NetPanels. Or, use as a single-door control, as part of the IT-Network environment, with CA3000.

Optional Keyfobs for Convenience or Lock-Downs in an emergency condition. Both global lockdown and unlock are also provided at server, for networked systems.

ArchiTech™ Access Lock Series blend architecturally-pleasing aesthetics with Alarm Lock Networx's advanced, scalable proven, keyless access-control locking platform

Beautifully complementing any décor, ArchiTech Series meets architectural and designer tastes, for new and existing applications, with the choice of unlimited combinations of several hundred architectural trims & finishes, in mortise and cylindrical lock styles.

Functionality & Form for every Application: Schools, Dormitories, Hospitals, Multi-Dwelling Co-ops, Condos and Senior Living , Corporate, Law Offices & Courthouses, etc.

Future-proof, ArchiTech's attractive Prox ID reader adapts to multi-credential technologies today, and in the coming years: Prox, Magstripe, Smart Cards, PIV, etc.

Secure Network / IT-Friendly – ArchiTech Locks are flexible. The lock can use its own free Windows-based software and either an 802.11 or Ethernet network . Also, ArchiTech can be used with wireless encrypted bi-directional gateways, in which many locks communicate to a single gateway, or use a wireless RF USB Gateway equivalent. It can also be used in same system, or entry areas, with electric strikes or mags, using Networx NetPanels.

Wirelessly and labor-free, updates, ID changes, scheduled routines, and time-/date-stamped audit trail queries don't require going door to

door. All can be securely made over the wireless network, on-demand, or set schedule.

In emergencies, campus-wide Lockdown commands can be activated globally in seconds, via ID card, fobs, mounted button, from any other locks, or from the server. ArchiTech's vivid indicator light on inside and outside door confirms it's been set. (Global unlock can also be activated from server.)

Proven, low maintenance with durable all ANSI/BHMA Grade 1. hardware and unsurpassed battery-life, with up to 3 to 4 years of use, using AA batteries and advanced Power-Saver circuit. Approx. 2 years in real-time enterprise environments. (Actual battery life dependent upon setting, traffic and transactions.

Wireless Networked Specifications:

- Supports up to 5000 Key-free users
- Multiple access credential technologies, prox, mag stripe, smart cards, fobs, or stationary button (adapts to future technologies, too)**
- Global Lock-Down in emergency activated from lock, key fobs, panic button or server. (Global Unlock from server too)
- Enables 500 Scheduled Events, lock, unlock, queries, etc.
- Provides 40,000 Event Audit Trail, with time- and date-stamp of access by user
- Recessed and Surface Mount Models
- Available in Mortise and Cylindrical Versions
- Real Time Clock
- Uses 4 standard AA Batteries – 3 to 4 year battery life credential dependent. Advanced Power-Saver circuit, with scheduled radio-dormant mode.
- Compatible with infinite selection of architectural trims and 300+ lever designs
- Built In wireless capability for easy installation

Features:

- Administrative DL-Windows Software for programming**
- PC Radio USB Radio Equivalent Programming Method or Via Networx Gateways (in Ethernet, 802.11 or POE models)
- Manual Card Enrollment Option for Quick Installation
- Wireless programming range: up to 100 ft.
- Grade 1 locking hardware for added durability
- Integrated Door position switch
- Seamlessly Integrates with Networx NetPanel Wireless Access Panel for use with electric strikes, mag locks.
- For Real-time Access Options**- Also see Enterprise Platform options with Continental Access® CA3000

Finally it's possible to integrate advanced, wireless, keyless access control in custom designer style, in real time, within a full-featured, enterprise-class IT environment such as Continental Access® CA3000®

Ideal for educational, commercial office or residential multi-dwelling settings, durable Grade 1 locks plus choice of ID credential technology, attractive ArchiTech models can be added on to control doors within existing enterprise systems or part of a new building's overall design.

Risk and security managers can simplify security administration this attractive, interoperable enterprise platform for locking, access control, alarms, video, badging, elevator control & visitor management scalable from one to over tens-of-thousands of doors, for one building, an entire campus, or over many remote locations across the world.

With infinite finish and trim choices and multiple access credentials, are Ideal for blending sophisticated keyless access into any aesthetic or application, supporting both ArchiTech, and all standard Networx Series wireless locks in real time.

Support virtually unlimited users and multiple card/ID technologies simultaneously, prox, smart cards, PIV cards, magstripes, HID fobs and more.

Acting as cost-effective, wireless single-door controllers within your choice of several leading enterprise software platforms, with integral door position indicator and power built in, they're ideal intelligent edge devices.

Proven, low maintenance with durable all ANSI/BHMA Grade 1. hardware and unsurpassed battery-life, with approx. 2 years of use, in real-time, in even high-traffic areas, using off-the-shelf AA batteries & advanced Power-Saver circuit, with scheduled radio-dormant mode. (Actual battery life dependent upon setting, traffic and transactions.)

Continental Access: Access exit switches & sensors

Continental Access offers a wide range of extremely durable exit switches and door REX motion sensors. All sensors and switches have easy installation with Continental Access controllers. Switches in a variety of options including single pole, double-pole-double-throw and narrow styles are available for tight locations and door frames. Choose from exterior and vandal resistant switch options for harsh environments and full-featured REX motion sensors for automated exit convenience. Trust Continental Access to offer excellent value, easy-to-use switches and detectors to accompany our feature-rich access products.

Single pole: Illuminated, mushroom, time delay

Single pole illuminated switches

CA-SIS2

- SPDT illuminated
- 12/24 volt AC/DC replaceable bulb - 25,000 hr.)
- 2" square pushbutton switch
- Labeled "PUSH TO EXIT"
- Mounted on single gang wall plate
- Rated 10 amp @ 35VDC or 120VAC

Single pole mushroom button switches

CA-SBS1

- 1.5" red mushroom button switch
- One N/O and one N/C contact
- Mounted on single gang wall plate
- Labeled "EXIT"
- Rated 10 amp @ 35VDC or 120VAC

CA-SBS27N

- 1.5" green mushroom button switch
- One N/O and one N/C contact
- Screw terminals
- Mounted on 1.75" narrow wall plate
- Labeled "PUSH TO EXIT"
- Rated 10 amp @ 35VDC or 120VAC

Single pole pneumatic time delay switches

CA-SP14

- Pneumatic time delay switch
- Requires no external power
- One N/O and one N/C contact
- Mounted on single gang wall plate
- Labeled "PUSH TO EXIT"
- Rated 10 amp @ 120/240 Volts

CA-SP14N

- Pneumatic time delay switch
- Requires no external power
- One N/O and one N/C contact
- Mounted on 1.75" narrow wall plate
- Labeled "PUSH TO EXIT"
- Rated 10 amp @ 120/240 Volts

Single pole throw time delay switches

CA-ST2

- Electronic time delay switch
- SPDT illuminated
- 1 momentary SPDT
- 1 timed SPDT
- 30 second built-in timer
- 2amp @ 12 - 28 VDC

Double pole: Double throw exit switches & REX PIRs

Double pole double throw illuminated switches

CA-SID2

- DPDT illuminated
- 12/24 volt AC/DC
- Replaceable bulb - 25,000 hr)
- 2" square pushbutton switch
- Labeled "PUSH TO EXIT"
- Mounted on single gang wall plate
- Rated 10 amp @ 35VDC or 120VAC

CA-SID9N

- DPDT illuminated
- 12/24 volt AC/DC high brightness led
- .675" x .875" pushbutton switch
- Labeled "PUSH TO EXIT"
- Mounted on 1.75" narrow wall plate
- Rated 3 amp @ 35VDC or 120VAC

CA-SID7

- DPDT illuminated
- 12/24 volt AC/DC high brightness led
- .675" x .875" pushbutton switch
- Labeled "PUSH TO EXIT"
- Mounted on single gang wall plate
- Rated 3 amp @ 35VDC or 120VAC

Double pole double throw vandal resistant switches

CA-SV13N

- DPDT vandal resistant
- .750" diameter pushbutton
- Mounted on 1.75" narrow wall plate
- Labeled "PUSH TO EXIT"
- Rated 4 amp @ 25VDC or 125VAC
- IP65 rated

CA-SV12

- DPDT vandal resistant
- .750" diameter pushbutton
- Mounted on single gang wall plate
- Labeled "PUSH TO EXIT"
- Rated 4 amp @ 25VDC or 125VAC
- IP65 rated

CA-SV111

- DPDT vandal resistant
- Single gang push plate
- Labeled PUSH TO EXIT
- Rated 4 amp @ 28VDC

Full-featured Request-to-exit (REX) Door PIRs

CA-PS520-W

- Mirrored-optic passive infrared sensor for optimal door detection response, with adjustable sensitivity
- 12 or 24 VAC or VDC
- Adjustable hold-time from 0.25 to 60sec
- Single/double door pattern selector
- Compact design for flexible transom or ceiling mounting
  - Adjustable 35' vertical mount
  - Adjustable 20' vertical overhead mount
- 2 Form C (SPDT) relays
- Precision Japanese optics/circuitry
- Off white housing

CA-PS520-S

- Mirrored-optic passive infrared sensor for optimal door detection response, with adjustable sensitivity
- 12 or 24 VAC or VDC
- Adjustable hold-time from 0.25 to 60sec
- Single/double door pattern selector
- Compact design for flexible transom or ceiling mounting
  - Adjustable 35' vertical mount
  - Adjustable 20' vertical overhead mount
- 2 Form C (SPDT) relays
- Precision Japanese optics/circuitry
- Silver housing

enterprise class • super scalability • fastest processing
• seamless interoperability • longest life • easy upgrades
• lowest total cost of ownership

Continental Access
A Napco Security Group Company

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