

CardAccess 3000: Access control and security management software

Compare features, price and performance, then choose CardAccess 3000



Access control solution scalable from entry level through global, multi-site applications

The CardAccess® 3000 Software is a robust, full- featured software package that has been designed to take advantage of cutting edge technologies to provide Access Control solutions from stand-alone through networked world-class enterprise systems. The scalable architecture and flexibility of the CA3000 software provides you with a system that utilizes secure MSSQL technology and open database information sharing with CA ExchangeDB Import and Export features. This robust enterprise software provides an easy to use and easy to implement solution for any size facility, including education, health care, corporate, transportation, government and others.

The interoperability of the CardAccess 3000 software provides all the functions needed in today's ever more stringent security environment.



CardAccess 3000 software provides a seamless integrated interface for:

- access control
- alarm monitoring
- DVR/NVR interface
- visitor management control
- time and attendance and payroll functions
- photo badging, import/export utilities
- email and SMS notification
- Intrusion with fire alarm systems
- open API support
- threat level management
- dynamic map control
- FIPS 201 PIV badge support (NST SP800-116 support)
- elevator control
- global input/outputs and global links
- global lockdown or lockdown by anti-passback areas



Continental Access 

New technology built on nearly 50 years of access control innovation

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. It's this focus which make Continental's products not only forward thinking and incredibly feature rich, but backwards compatible and on-site upgradeable as well – building on Continental's field tested technology to give you peace of mind.

CardAccess 3000: Access control software 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 business?

CardAccess 3000 allows businesses to grow to over 1,000,000 carholders per panel, 30,000 access groups and over 32,000 readers per location, *without having to switch to a more robust software package.*

Continental systems integrate seamlessly with third-party manufacturers of CCTV and DVRs, biometric devices and readers, burg., fire and badging and boasts a very competitive feature set. Be confident that when new requirements arise, the access control system you choose today will be up to the challenge.

Based on open architecture with a Microsoft SQL Server database, CardAccess 3000 provides Open API support allowing third parties to integrate with our software and harness the power and speed of our hardware. 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.

- Competitively priced – no annual software licensing fees
- Access all the features of the system from an easy to learn and use, clutter free 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.

Lockdown and enhanced security features. Activate global lockdown by badgeholder, system operator or script, including free access doors, deployed by single or multiple APBs. Two person control requires two 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).



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 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. And, badge template designer features.



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).

**Built-in elevator control, easiest programming:
Know when it's not their floor**

- 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 and view with one GUI.
- Supports biometrics, PIN codes, prox and smart cards, etc.
- Pinpoints breaches or attempts to access restricted floors.



Dynamic maps

The CA3000 map functions have been expanded for additional interactivity and integration features. The new 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. Additionally, right-click functions are available on all devices for operations like manual control of doors and relay devices.



The new Dynamic Maps are also integrated with all CA3000 supported DVRs. You can view live video from any camera on the map or replay recorded video. High priority system alerts can automatically display the associated video in a window beside the displayed map. Map tools are provided for editing and placement of the CA3000 devices within the map graphics.

No matter where they are, the client remains in control with CardAccess 3000 Remote Web Client – in the building or out of the office

CardAccess 3000s Remote Web Client provides remote system management through standard web browsers (including Microsoft I.E., Firefox/Mozilla etc.) – no proprietary software to load - and working internally through your LAN or externally via the Internet.

- Complete remote updates over standard web browser
- Full hardware configuration of panels, relays and inputs
- Remote locking and unlocking of doors and relay activation
- Access to view events, time and attendance, as well as personnel and badging changes and in-list reports.

Comprehensive cross time zone support

Expanded for more user-friendly cross time zone support for various facilities in different time regions to see their events, as well as events from other facilities, based on the local time setting. Events can still be filtered to show just one facility or a portion of one facility. Panel configurations are expanded to 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 absolute time of the event. 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 your language

- Multilingual operator support and 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.



Seamless intrusion integration puts the whole security picture under your control and at your fingertips

Continental Access offers interfaces between access control, alarm 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 intrusion events with assigned event and alert priorities.
- Arm/disarm intrusion areas manually, by-schedule, by-card.
- View real-time status of all zones and device, including armed or disarmed state of the alarm area on the reader.
- Set permissions and logging of users in both the intrusion and CardAccess System.
- Alarm console displays live video for active alarm conditions.
- Analyze live and archived event video at the same time.

Central station reporting option

The CA3000 software can now report alarm inputs to a central station over an ethernet connection. The alarms will be transmitted utilizing the NAPCO Netlink receiver protocol. Alarm inputs can be configured for optional reporting to the NetLink receiver in addition to the CA3000 system alert grid.

Scalable video solutions, from legacy systems to multiple locations and unlimited cameras

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 a growing 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 pain-free 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 and 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 DV solution

The Continental Access DVR Integration solution provides seamless integration with the Integral Technologies and Salient Systems DVR product line. By combining the power of the Continental Access CA3000 Version 2 Access Control System and either the Integral/Pelco Technologies or Salient Systems 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**.

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, the CA3000 can find it.

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

Advantages and Benefits

- Vehicle tracking
- Flexible reporting capability including muster report
- Elevator control
- Foreign language support (including right to left support)
- Easy upgrade path for legacy Continental systems and Sensormatic AC500
- Graphical floorplan maps
- Unlimited system operators
- Advanced scripting service
- Custom alert sounds

Server and Database

- Server OS: Windows 2000/XP Pro/Windows 2003/Windows 2008
- Database: Microsoft SQL
- Redundant server support
- Additional communication server support
- TCP/IP communication to controllers

Access Control

- Unlimited cardholder database (SQL)
- Database partitioning
- Over 210,000 cardholders per panel (accelerator supports over 1,000,000 cards)
- 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

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.

Continental Access controller features –

Feature:	Microterm	Super Two	Superterm 4	Superterm 8	Turbo Superterm 8
Door capacity	1-2	2	4	8	8
Card capacity	1,400	20,000-125,000	20,000-210,000	20,000-210,000	20,000-210,000
Onboard outputs	3	5	9	17	17
Onboard supervised* inputs	2	8	16	24	24
Max. expanded outputs		48	57	65	65
Max. expanded* inputs		48	57	57	72
High speed communications		●			●
High speed transaction capability					●
Field-upgradeable firmware		●	●	●	●
Onboard lightning/surge protection	●	●	●	●	●
Power supply included	●	●	●	●	●

CA3000 Server/Host PC Recommendations

	Server (1-5 Workstations)	Server (6-20 Workstations)	Server (21-50 Workstations)
Processor	Pentium Core2 Duo 1066MHz, 2.13GHz	Pentium Core2 Duo 2.4GHz or Xeon Dual Core 1.6GHz	2 x Xeon Dual Core 1066MHz
Ram	1.0 GB DDR2	1.5 GB Min (2 GB Recommended)	2GB Min (4GB Recommended)
Hard Drive	160 GB	250 GB	Raid 5 - 3 drives minimum
USB Ports	2 min.	2 min.	2 min.
Serial Ports	Optional - 1 expandable to 64	Optional - 1 expandable to 128	Optional - 1 expandable to 128
Parallel Ports	1	1	1
Mouse	2 Button PS2 / USB	2 Button PS2 / USB	2 Button PS2 / USB
Monitor	17" SVGA (1024x768)	17" Flat Panel	17" Flat Panel
CD/DVDROM	48x/16x	48x/16x	48x/16x
CDRW/DVDR	24x/8x	24x/8x	24x/8x
Sound	Optional	Optional	Optional
Network Card	10/100 Mb NIC Ethernet	10/100/1000 Mb NIC Ethernet	10/100/1000 Mb NIC Ethernet
Operating System	Win XP Pro w/SP3, Win 2003 or Win 2008	Win XP Pro w/SP3, Win 2003 or Win 2008	Win XP Pro w/SP3, Win 2003 or Win 2008
Database	MSSQL 2005 Express or MSSQL Server 2005 for higher Performance	MSSQL Server 2005 recommended	MSSQL Server 2005
Backup	Tape / CD / DVD / Network	Tape / CD / DVD / Network	Tape / CD / DVD / Network
System Size	This is the recommended PC server specification for CA3000-1 through CA3000 -5. 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 CA3000-10 through CA3000-20 with 6-20 workstations. For high transaction environments some specifications may change.	This is the recommended PC specification for CA3000-25 through CA3000-50. For high transaction environments some specifications may change. For larger systems consult the factory.
Notes:	(1) If using MSDE, the database size cannot exceed 2GB (2) Disk drive size dependent on number of transactions kept in backup (3) Additional RAM will improve performance (4) Best to perform badging and other functions on a workstation (5) 100Mb min switched network recommended	(1) Disk drive size dependent on number of transactions kept in backup (2) Additional RAM will improve performance (3) Best to perform badging function on a workstation (4) 100 Mb min switched network recommended	(1) Disk drive size dependent on number of transactions kept in backup (2) Additional RAM will improve performance (3) Best to perform badging function on a workstation (4) 1000 MB min switched network recommended

***Note: Continental Access does not recommend running Photo-badging, the DVR interface, Napco Integration or Scripting from a Host machine. Please refer to our Workstation Recommendation sheet for these specifications. Virtual machines along with 64 bit computers are not supported.

CA3000 Workstation PC Recommendations

	Workstation-Event Viewing Only	Workstation-Event Viewing+Badging	Workstation-Event Viewing+DVR and/or Napco Integration, Scripting or Dynamic Maps
Processor	Pentium Core2 Duo	1066MHz	2.2GHz
Ram	256 MB	512 MB	1GB
Hard Drive	80GB	80GB	160GB
USB Ports	1	2	2
Serial Ports	N/A	N/A	N/A
Parallel Ports	1	1	1
Mouse	2 Button PS2 / USB	2 Button PS2 / USB	2 Button PS2 / USB
Monitor	17" Flat Panel"	17" Flat Panel	17" Flat Panel
CD/DVDROM	48x/16x	48x/16x	48x/16x
CDRW/DVDR	24x/4x Optional	24x/4x Optional	24x/4x Optional
Sound	Optional	Optional	Optional
Network Card	100 NIC Ethernet	100 NIC Ethernet	100 NIC Ethernet
Operating System	Win XP Pro w/SP3 or Win 2008	Win XP Pro w/SP3 or Win 2008	Win XP Pro w/SP3 or Win 2008
Database	N/A	N/A	N/A
Backup	N/A	N/A	N/A
Notes:		For large corporations and/or Colleges, a frame grabber capture card and high-end digital video camera is recommended on this badging station. Depending on the amount of photo's needed to be taken per-day, additional RAM may be required.	Depending on the number of DVR's being accessed, additional RAM and/or processor upgrade may be required.

Virtual machines along with 64 bit computers are not supported.

CardAccess 3000: Configurations and software options

CardAccess 3000 Windows-based software	
CA3VrNuK	CA3000 Software where: Vr = version (23 = v2.3; 25=v2.5; 26=2.6; 27=v2.7...) 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:	
CA32701U	CA3000 v2.7 Single User Software. Includes CardAccess 3000 file server software and SQL Express Database with a USB security key.
CA32705S	CA3000 v2.7 Software, supporting up to 5 Users. Includes CardAccess 3000 file server software and SQL Express Database (MS SQL 2005 recommended for larger databases and higher performance) with a software security key.
CA32710S	CA3000 v2.7 Software, supporting up to 10 Users. Includes CardAccess 3000 file server software (MS SQL 2005 required - not included with CA3000) with a software security key.
CA32725S	CA3000 v2.7 Software, supporting up to 25 Users. Includes CardAccess 3000 file server software (MS SQL 2005 required - not included with CA3000) with a software security key.

** Contact Sales Rep for 25-150 Workstation Quotes**

CA3000 Servers and Workstations	
CICA3SERVPC	Card Access 3000 server, PC only - includes 17" SVGA monitor, keyboard and mouse.
Note: All software configurations are available, pre-loaded on CA3000 recommended hardware. Contact Continental for more information.	
CICA3WSPC	Card Access 3000 workstations, PC only - includes 17" SVGA monitor, keyboard and mouse.

Continental reserves the right to change or discontinue part numbers at any time.

Additional CA3000 software options	
CA3VrNuK (as above, plus) DvCAITv	where: Dv = # and type of CA DVR/NVR servers (00=none; 11 =1 Integral; 12 = 2 Integral; 21=1 Salient; 25 = 5 Salient...) C = # of CA Secondary Communication (Remote Com) Servers (0,1 or 2) A = # of CA Napco Alarm Integration Servers (0, 1, 2, 3, ... , 9) I = CA InterAccess API Interface (O = no, 1=yes) Tv = CA Time Keeper & CA Visit Components (0 = none, 1=CA Time Keeper, 2= CA Visit, 3 = both)
Notes: 1. When ordering any additional software options, all six software option digits must be specified. If ordering the base software only, none of the option digits need to be specified. 2. Field upgrade of software features is supported by use of the software key. Contact Continental for more information. 3. Not all optional software features are available in all software versions. Contact Continental for more information.	

Common Configurations:	
CA32701U110000	1 user (USB key) CA3000 v2.7 base software with 1 Integral DVR/NVR Server.
CA32705S002000	5 user (Software key) CA3000 v2.7 base software with 2 Secondary Com Servers.
CA32710S000510	10 user (Software key) CA3000 v2.7 base software with 5 Napco Alarm Integration Servers and the CA InterAccess API.
CA32725S250001	25 user (Software key) CA3000 v2.7 base software with 5 Salient DVR/NVR Servers and CA TimeKeeper component.
CA32705S000002	5 user (Software key) CA3000 v2.7 base software with CA Visit component.
CA32710S172413	10 user (Software key) CA3000 v2.7 base software with 7 Integral DVR/NVR Servers, 2 Secondary Com Servers, 4 Napco Alarm Integration Servers, the CA InterAccess API, CA TimeKeeper, and CA Visit.
EPISOFT	CA3000 Badging software key.

Note

The CA3000 badging software is optionally loaded on any software installation, but requires an additional software key for activation. Continental reserves the right to change or discontinue part numbers at any time.

For more information, please contact your local sales representative or contact Continental Access directly at (631) 842-9400



Continental Instruments, A Napco Security Technologies Company • 355 Bayview Ave., Amityville, NY 11701
Phone (631) 842-9400 • Fax (631) 842-9135 • www.cicaccess.com • GSA GS-07F-00039H

CardAccess® and CI SQL 3000™ are trademarks of Continental/NAPCO, 2009 A460C

Specifications subject to change without prior notice.