



**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
- 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



Continental **Access**



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 v2.9+ 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 Network Wireless Lock Models supported** - DL/PDL6200, 6500, 6600 & ETDL/PDL (Also faster Network 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 cardholders 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 Network'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).

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.



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.

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.

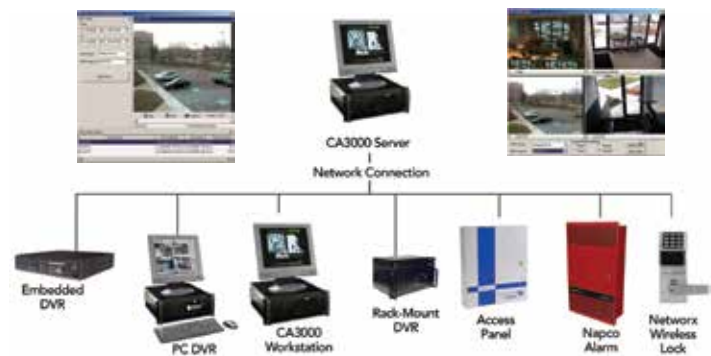
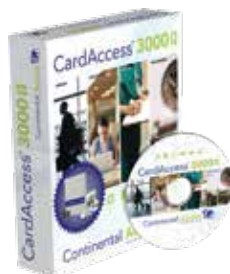
Interface with a nearly unlimited number of analog, digital and IP cameras, plus DVRs/NVRs from an increasingly expanded list of manufacturers. Features include triggering of pre and post recording, viewing of live and recorded video

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, Pelco DS & DX, Salient, Hitron & Integral 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 Network 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 XP Pro/Win 7 Pro/Win 2003 Server R2 / Win 2008 Server R2
- Software runs as a Service (Desktop applications associated with CA3000 can run as a service.)
- Database: Microsoft SQL 2005/2008 R2
- 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
- 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 acknowledgment 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:	Super Two	Turbo Superterm 4	Superterm 8	Turbo Superterm 8	Accelaterm
Door capacity	2	4	8	8	8-16
Card capacity	20,000-125,000	20,000-210,000	20,000-210,000	20,000-210,000	200,000-1,000,000
Onboard outputs	5	9	17	17	17
Onboard supervised* inputs	8	16	24	24	24
Max. expanded outputs (Total)	53	57	65	65	65
Max. expanded* inputs (Total)	56	64	64	72	72
High speed communications	●			●	●
High speed transaction capability				●	●
Ethernet Plug-in Module Option	●				●
Field-upgradeable firmware	●	●	●	●	●
Onboard lightning/surge protection	●	●	●	●	●
Power supply included	●	●	●	●	●

*Card Capacities above are approximate. Actual Card Capacities vary with software versions and panel configuration parameters.

CA3000 V2.9.x Server/Host PC Recommendations

	Server (1-4 Workstations)	Server (5-19 Workstations)	Server (20-49 Workstations)
Processor	Pentium Dual Core, 2.6GHz (min)	Xeon Quad Core 2.0GHz (min)	2 x Xeon Quad Core 2.0GHz (min)
Ram	2.0 GB Min/ 3GB+ for Win7 and Win Server 2008 R2	4.0 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
Parallel Ports	Optional - 1	Optional - 1	Optional - 1
Mouse	PS2 or USB	PS2 or USB	PS2 or USB
Monitor	17" SVGA (1024x768)	17" SVGA (1024x768)	17" SVGA (1024x768)
DVDROM	48x/16x	48x/16x	48x/16x
DVDR	24x/8x	24x/8x	24x/8x
Sound	Optional	Optional	Optional
Network Card	100/1000 Mb NIC Ethernet	100/1000 Mb NIC Ethernet	100/1000 Mb 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	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	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
Database	MSSQL 2005/2008 R2 Express or MSSQL Server 2005/2008 R2 for higher performance	MSSQL Server 2005/2008 R2 recommended	MSSQL Server 2005/2008 R2 recommended
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, the database size should not exceed 4GB. (2) Disk drive usage is dependent on the number of transactions kept in backup. (3) Additional RAM will improve performance (4) Minimum computer specifications typically refer to older Microsoft operating systems such as XP Pro. For current operating systems, components such as Microprocessor, RAM and Hard Drive should be sized as needed. Please contact Continental Access for specific recommendations.		
*** Salient Analog Capture cards are not supported on 64 bit operating systems. 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 V2.9.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	Pentium Core2 Duo, 2.2GHz min	Pentium Core2 Duo, 2.6MHz min	Dual Pentium Core2 Duo, Pentium Quad Core or Pentium Xeon
Ram	2 GB Min	3 GB + Min	3 GB +
Hard Drive	80 GB min	160 GB min	250 GB min
USB Ports	2	4	4
Serial Ports	N/A	N/A	N/A
Parallel Ports	1	1	1
Mouse	PS2 or USB	PS2 or USB	PS2 or USB
Monitor	17" (1024 x 768) min	17" (1024 x 768) min	17" (1024 x 768) min
DVDROM	48x/16x	48x/16x	48x/16x
DVDR	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	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	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
Database	N/A	N/A	N/A
Backup	N/A	N/A	N/A
Notes:	*** Salient Analog Capture cards are not supported on 64 bit operating systems. 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.		

Continental CA3000: Configurations and software options

CA3000 Enterprise Software Platform	
CA3VrNuK	CA3000 Software where: Vr = version (25=2.5; 26=2.6; 27=v2.7;28=v2.8;29=2.9) 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:	
CA32901U	CA3000 v2.9 Single User Software. Includes CardAccess 3000 file server software and SQL Express Database with a USB security key.
CA32905S	CA3000 v2.9 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 for larger databases and higher performance) with a software security key.
CA32910S	CA3000 v2.9 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.
CA32925S	CA3000 v2.9 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 25-150 Workstation Quotes**

CA3000 Servers and Workstations	
CA3SRV1 (single user system)	Card Access 3000 server, PC only - includes 17" SVGA monitor, keyboard and mouse.
CA3SRV5 (five user system)	
CA3SRV10 (ten user system)	
Note: All software configurations are available, pre-loaded on CA3000 recommended hardware. Contact Continental for more information.	
CA3WKS	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 DVR/NVR; 12 - 2-4 DVR/NVR; 13 - 5-9 DVR/NVR...) 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 (0 = 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:	
CA32901U110000	1 user (USB key) CA3000 v2.9 base software with 1 DVR/NVR Server.
CA32905S002000	5 user (Software key) CA3000 v2.9 base software with 2 Secondary Com Servers.
CA32910S000510	10 user (Software key) CA3000 v2.9 base software with 5 Napco Alarm Integration Servers and the CA InterAccess API.
CA32925S250001	25 user (Software key) CA3000 v2.9 base software with 5 DVR/NVR Servers and CA TimeKeeper component.
CA32905S000002	5 user (Software key) CA3000 v2.9 base software with CA Visit
CA32910S172413	10 user (Software key) CA3000 v2.9 base software with 7 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 Continental Access Representative or the company directly at (631) 842-9400, email salesinfo@cacaccess.com.
For International Sales, contact ++1 631 842 9400, Fax ++1 (631) 789-3343, or email globalsales@cacaccess.com.



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Specifications subject to change without prior notice.