

## Features and Benefits

- Flexible and scalable. Choice of Microsoft Data Engine MSDE standard or Microsoft SQL (optional).
- Server operates on Windows 2000 (Server or Pro) or NT 4.0; Client operates on XP, 98SE, NT or 2000.
- Scalable client/server architecture
- Intuitive easy to use graphical user interface
- SmartImage fully integrated employee badging module, included within CA3000, provides everything you need to create custom badges at any single workstation. (Additional badging stations may be likewise equipped with the addition of # CICNSIVBS badging station software, or in a bundled PC system CICNSIVBS-B.)
- Supports redundant mirrored system for high levels of reliability (optional)
- SmartView Integrated CCTV camera control. (Many models supported. Consult factory).
- Supports Continental's full line of intelligent controllers
- Video imaging/Photo ID is standard
- Personnel Report builder, get reports the way you need them
- Muster reporting
- Automatic foreign language selection by operator
- Flexible database partitioning
- Secure operator audit trail reporting
- Batch processing for badgeholder add and delete
- Fully automatic scheduled dial-in and dial-out for remote panel operation
- Automatic badge activation and deactivation for visitor control ("conditional badging")
- Password protected communications to remote panels
- Direct TCP/IP for panel communications
- Comprehensive operator privilege control
- Unlimited system operators
- Event scheduling allows you to automatically open/lock doors.
- Turn lights/heat on and off based on your schedule
- Plug and play controllers for no hassle installation
- Supports up to 10 facility/site codes per panel
- Programmable badge formats
- User configurable employee database

## Capacities

- Cardholder capacities - Virtually unlimited cardholder capacity using the CA3000 interactive feature, 145,000 per Superterm w/expanded memory. (See note p. 4)

- Up to 100 or more work stations\*\*
- 256 controllers plus an additional 256/remote comm server \*\*\*
- 2048 readers/doors plus an additional 2048/remote comm server\*\*\*
- 256 COM ports plus an additional 256/remote comm server\*\*\*
- 128 - Time schedules each w/10 time intervals
- 1000 - access groups
- 50 Programmable Holidays
- Unlimited operators
- Unlimited floor plans
- 16,500 relay outputs plus an additional 16,500/remote comm server\*\*\*
- 18,500 alarm inputs plus an additional 18,500/remote comm server\*\*\*
- 16,250 global links plus an additional 16,250/remote comm server\*\*\*
- 10 facility codes per panel
- 1000 elevator banks

## Standard Features

- Comprehensive alarm monitoring and processing
- Mustering & employee tracking
- Flexible reports, supports 3<sup>rd</sup> party report generation (Crystal Reports)
- Database partitioning, tenant control
- CCTV Integration, PTZ & image capture
- Elevator control
- Floor plans linked to alarms
- Import/export w/mapping
- Video imaging
- Personnel report builder
- Remote dial & network capability
- Automatic foreign language selection by operator
- Sound files can be played for alert priorities.
- Conditional Visitor badging w/automatic activation & deactivation
- Interactive mode, the panel can learn which badgeholders belong to a particular panel

## Comprehensive Reader Technology Support:

- Proximity
- Keypads, Keypad/Reader
- Barcode
- Prox and PIN Code
- Wiegand
- Magnetic Stripe
- Biometrics

## CardAccess 3000 System Specifications

CA3000 Software Only		Doors	Badge Holders	Badging	Modem & Network	Comm Ports
CA3S01C00P (for Parallel); CA3S01C00U (for USB)	Single user. Includes CardAccess 3000 file server software and MSDE Database.	2048	Unlimited <sup>††</sup>	Yes	Yes	256
CA3S01C01P (for Parallel); CA3S01C01U (for USB)	Single user. Includes CardAccess 3000 file server software, MSDE Database and 1 Com Server.	4096	Unlimited <sup>††</sup>	Yes	Yes	512
CA3S05C00P (for Parallel); CA3S05C00U (for USB)	Supports up to 5 Users. Includes CardAccess 3000 file server software and MSDE Database.	2048	Unlimited <sup>††</sup>	Yes	Yes	256
CA3S05C01P (for Parallel); CA3S05C01U (for USB)	Supports up to 5 Users. Includes CardAccess 3000 file server software, MSDE Database and 1 Com Server.	4096	Unlimited <sup>††</sup>	Yes	Yes	512
CA3S10C00P (for Parallel); CA3S10C00U (for USB)	Supports up to 10 Users. Includes CardAccess 3000 file server software and MSDE Database.	2048	Unlimited <sup>††</sup>	Yes	Yes	256
CA3S10C01P (for Parallel); CA3S10C01U (for USB)	Supports up to 10 Users. Includes CardAccess 3000 file server software, MSDE Database and 1 Com Server.	4096	Unlimited <sup>††</sup>	Yes	Yes	512
CA3S25C00P (for Parallel); CA3S25C00U (for USB)	Supports up to 25 Users. Includes CardAccess 3000 file server software. Requires MS SQL 2000.	2048	Unlimited <sup>††</sup>	Yes	Yes	256
CA3S25C01P (for Parallel); CA3S25C01U (for USB)	Supports up to 25 Users. Includes CardAccess 3000 file server software and 1 Com Server. Requires MS SQL 2000.	4096	Unlimited <sup>††</sup>	Yes	Yes	512
<p><b>NOTE 1:</b> Panel cardholder capacities may vary slightly with system configuration. Actual cardholder capacities depend on a number of parameters, as noted in the following assumptions and programmed at host PC, upon installation. For ex., quoted capacities assume CA3000 default values: 5 Digits/Panel; 100 Transaction Buffer Size; 150 Time Sched. Blocks; 256 Access Groups.</p> <p><b>NOTE 2:</b> Each Com Server can support up to 256 Com Ports.</p> <p><b>NOTE 3:</b> Badge capacity greater than the individual Controller capacities require Host Interactive Mode. See Controller specifications for individual controller badgeholder capacities.</p>						

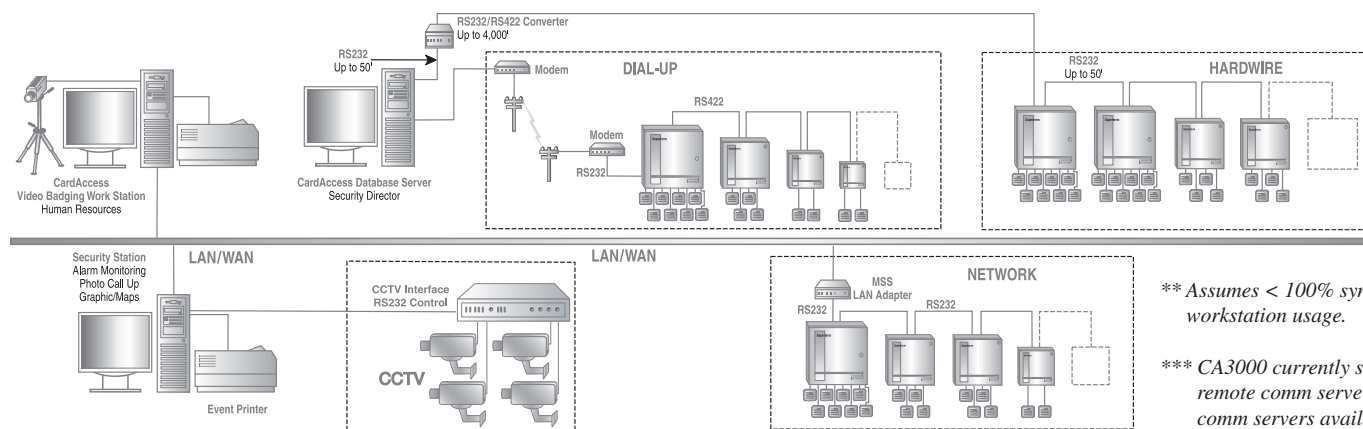
For over 25 users, please consult factory.

CA3000 Bundled Systems (PC, Monitor, Keyboard, Mouse, OS, CA3000 & Security Key)		Doors	Badge Holders	Badging	Modem & Network	Comm Ports
CA3B010P2O1V0R0	Single user. Includes CardAccess 3000 file server software and MSDE Database.	2048	Unlimited <sup>††</sup>	Yes	Yes	256
CA3B011P2O1V0R0	Single user. Includes CardAccess 3000 file server software, MSDE Database and 1 Com Server.	4096	Unlimited <sup>††</sup>	Yes	Yes	512
CA3B050P2O1V0R0	Supports up to 5 Users. Includes CardAccess 3000 file server software and MSDE Database.	2048	Unlimited <sup>††</sup>	Yes	Yes	256
CA3B051P2O1V0R0	Supports up to 5 Users. Includes CardAccess 3000 file server software, MSDE Database and 1 Com Server.	4096	Unlimited <sup>††</sup>	Yes	Yes	512
CA3B100P3O2V0R0	Supports up to 10 Users. Includes CardAccess 3000 file server software and MSDE Database.	2048	Unlimited <sup>††</sup>	Yes	Yes	256
CA3B101P3O2V0R0	Supports up to 10 Users. Includes CardAccess 3000 file server software, MSDE Database and 1 Com Server.	4096	Unlimited <sup>††</sup>	Yes	Yes	512
CA3B250P4O3V0R0	Supports up to 25 Users. Includes CardAccess 3000 file server software and MS SQL 2000.	2048	Unlimited <sup>††</sup>	Yes	Yes	256
CA3B251P4O3V0R0	Supports up to 25 Users. Includes CardAccess 3000 file server software, MS SQL 2000 and 1 Com Server.	4096	Unlimited <sup>††</sup>	Yes	Yes	512
CA3Bxx0P2O3V0R3 xx=number of users	Supports up to xx users. Includes CardAccess 3000 file server software, MS SQL 2000 and a RAID 5 disk configuration.	2048	Unlimited <sup>††</sup>	Yes	Yes	256
<b>NOTE 1: See above.</b>		<b>††NOTE: See Above</b>		<b>NOTE 2: See above.</b>		

For over 25 users, please consult factory.

For single drive redundant/stand-by configuration, use final part no. suffix "RA."

Misc.		
CICA3000WSPC	CardAccess 3000 workstation PC.	<b>NOTE:</b> For systems with over 256 panels, additional communications servers may be needed. Please consult factory
CICA3000WSPC-HP	CardAccess 3000 workstation PC, high performance.	<b>NOTE:</b> For systems with over 256 panels, additional communications servers may be needed.
CICA3000B	Includes Video Capture Card, Camera and Printer.	
CICNSIVBS	Additional Badging Station Software for 2 or more badging stations.	<b>NOTE:</b> One per badging station required.
CICNSIVBS-B	Badging Client, includes badging software, PC, Video Capture Card, camera and printer.	



\*\* Assumes < 100% synchronous workstation usage.

\*\*\* CA3000 currently supports one remote comm server. Additional comm servers available Q4 2003.



## Minimum PC Requirements

Configuration	Server (1-10 Workstations)	Server (11-15 Workstations)	Server (15- 25 Workstations)	Client
<b>Processor</b>	Pentium III - 1.26GHz	Pentium III - 1.26GHz	Dual Pentium III's - 1.26GHz	Pentium III, 800MHz
<b>Ram</b>	256 MB 5wks /512MB 10wks	1 GB	2GB	64 MB
<b>Hard Drive</b>	18-36 GB SCSI	18-36 GB SCSI	18-36 GB SCSI	6 GB
<b>Disk Drive</b>	3.5" Floppy	3.5" Floppy	3.5" Floppy	3.5" Floppy
<b>CDROM</b>	16x	16x	16x	16x
<b>Serial Ports</b>	0 to 64	0 to 128	0 to 128	N/A
<b>Parallel Ports</b>	1 (2nd Port for Badging)	1 (2nd Port for Badging)	1 (2nd Port for Badging)	1 (2nd Port for Badging)
<b>Mouse</b>	2 Button PS2	2 Button PS2	2 Button PS2	2 Button PS2
<b>Monitor</b>	17" SVGA (1024x768)	17" SVGA (1024x768)	17" SVGA (1024x768)	17" SVGA (1024x768)
<b>Sound</b>	Yes	Yes	Yes	Yes
<b>Network Card</b>	100 MB NIC Ethernet	100 MB NIC Ethernet	100 MB NIC Ethernet	10/100 NIC Ethernet
<b>Operating System</b>	MS Windows 2000 Pro., Server or Advanced Server w/SP1; NT 4.0 Server, Workstation w/ SP6a			MS Windows 98SE, Windows 2000 Pro. or Server w/SP1, NT 4.0 Workstation SP6a, Windows XP
<b>Database</b>	MSDE Standard or MS SQL Server 2000 for Hi- Performance	MS SQL Server 2000	MS SQL Server 2000	None
<b>Tape Backup</b>	Suggested - SCSI	Suggested - SCSI	Suggested - SCSI	NA
<b>Minimum PC System Requirements</b>	For standalone system, workstation or CA3000 Server.	For 11-15 workstations	Up to 25 workstations. For larger systems, consult the factory.	For client. (For low- transaction rate / -badge count systems, Pentium - 500MHz, suffices.)
<b>Notes:</b>	(1) MSDE database size cannot exceed 2GB.			(1) For badging or video capture, use PIII, 1 GHz, 256MB RAM. (2) For XP use 256 MB RAM, min.

Recommendations: (1) Disk drive size dependent on number of transactions in back up. (2) Additional RAM will improve performance. (3) Ideally, perform badging on a workstation (4) 100 MB switched network optimal.

## System Components

Part #	Description
<b>CA3000 Software Only</b>	
CA3S01C00P (for Parallel); CA3S01C00U (for USB)	Single user. Includes CardAccess 3000 file server software and MSDE Database.
CA3S01C01P (for Parallel); CA3S01C01U (for USB)	Single user. Includes CardAccess 3000 file server software, MSDE Database and 1 Com Server.
CA3S05C00P (for Parallel); CA3S05C00U (for USB)	Supports up to 5 Users. Includes CardAccess 3000 file server software and MSDE Database.
CA3S05C01P (for Parallel); CA3S05C01U (for USB)	Supports up to 5 Users. Includes CardAccess 3000 file server software, MSDE Database and 1 Com Server.
CA3S10C00P (for Parallel); CA3S10C00U (for USB)	Supports up to 10 Users. Includes CardAccess 3000 file server software and MSDE Database.
CA3S10C01P (for Parallel); CA3S10C01U (for USB)	Supports up to 10 Users. Includes CardAccess 3000 file server software, MSDE Database and 1 Com Server.
CA3S25C00P (for Parallel); CA3S25C00U (for USB)	Supports up to 25 Users. Includes CardAccess 3000 file server software. Requires MS SQL 2000.
CA3S25C01P (for Parallel); CA3S25C01U (for USB)	Supports up to 25 Users. Includes CardAccess 3000 file server software and 1 Com Server. Requires MS SQL 2000.
For over 25 users, please consult factory.	
<b>CA3000 Bundled Systems (PC, Monitor, Keyboard, Mouse, OS, CA3000 &amp; Security Key)</b>	
CA3B010P201V0R0	Single user. Includes CardAccess 3000 file server software and MSDE Database.
CA3B011P201V0R0	Single user. Includes CardAccess 3000 file server software, MSDE Database and 1 Com Server.
CA3B050P201V0R0	Supports up to 5 Users. Includes CardAccess 3000 file server software and MSDE Database.
CA3B051P201V0R0	Supports up to 5 Users. Includes CardAccess 3000 file server software, MSDE Database and 1 Com Server.
CA3B100P302V0R0	Supports up to 10 Users. Includes CardAccess 3000 file server software and MSDE Database.
CA3B101P302V0R0	Supports up to 10 Users. Includes CardAccess 3000 file server software, MSDE Database and 1 Com Server.
CA3B250P403V0R0	Supports up to 25 Users. Includes CardAccess 3000 file server software and MS SQL 2000.
CA3B251P403V0R0	Supports up to 25 Users. Includes CardAccess 3000 file server software, 1 Com Server, and MS SQL 2000.
CA3Bxx0P203V0R3 xx=number of users	Supports up to xx users. Includes CardAccess 3000 file server software, MS SQL 2000 and a RAID 5 disk configuration.
For over 25 users, please consult factory. For single drive redundant/stand-by configuration, use final part no. suffix "RA."	
<b>Misc.</b>	
CICA3000WSPC	CardAccess 3000 workstation PC.
CICA3000WSPC-HP	CardAccess 3000 workstation PC, high performance.
CICA3000B	Includes Video Capture Card, Camera and Printer.
CICNSIVBS	Additional Badging Station Software for 2 or more badging stations.
CICNSIVBS-B	Badging Client, includes badging software, PC, Video Capture Card, camera and printer.



A NAPCO SECURITY GROUP COMPANY

355 Bayview Avenue, Amityville, New York 11701  
631.842.9400 • 631.842.9135 FAX • GSA GS-07F-0039H • www.cicaccess.com

Part #	Description
<b>Intelligent Controllers</b>	
CICP1800	SUPERTERM-8. Eight (8) reader processing panel with standard 22,500 card capacity standard, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. (For complete controller details/options see spec/submittal sheet A434A) ‡
CICP1800EXP	Above, with Expanded Power Supply. (For complete controller details/options see spec/submittal sheet A434A) ‡
CICP1400UL	SUPERTERM-4. Four (4) reader processing panel with standard 22,500 card capacity standard, 12 supervised alarm inputs, tamper alarm, 9 relay outputs. (For complete controller details/options see spec/submittal sheet A458) ‡
CICP1400	SMARTERM. Four (4) reader processing panel. With card capacity up to 3,000 standard for non-UL applications. (For complete controller details/options see spec/submittal sheet A433A) ‡
CICP1200	MINITERM. Two (2) reader processing panel with up to 3,300 card capacity standard. 8 EOL Class A Supervised alarm inputs, tamper alarm, 5 relay outputs. (For complete controller details/options see spec/submittal sheet A430A) ‡
CICP1100	MICROTERM. Stand alone single or two door processing panel with up to 1,400 card capacity. Includes 2 alarm inputs, tamper alarm, 3 relay outputs, and printer output. (For complete controller details/options see spec/submittal sheet A431A) ‡
<b>Superterm I/O Expansion Boards</b>	
CICP1800MB2	2MB Memory PCB: up to 145,400 cardholders ‡
CICP1800RB	Relay PCB: 16 output relays, 8 alarm inputs ‡
CICP1800AB	Alarm PCB: 16 supervised alarm inputs (UL)
CICPEXPWWS	Expanded Power Supply. For >1 Relay PCB or multi 12VDC readers.
<b>Smarterm I/O Expansion Boards</b>	
CICP1400MB256-1	256K PCB: up to 14,880 cardholders‡
CICP1400MB2-1	2MB PCB: Up to 122,400 cardholders‡
CICP1400RB	Relay PCB: 16 output relays, 8 alarm inputs.
CICP1400AB	Alarm PCB: 16 supervised alarm inputs.
<b>Communications Devices &amp; Accessories</b>	
CICE1947-EV	Hi-Perf. 56K Dial up Modem w/ power supply and CIC cable
RFQ0001	Universal cable for dial up modems
CICEFODL	Fiber Optic Data Link (RS422,-485,- 232) for L-D use. (Pair reqd.)
XFMR-FODL	Fiber Optic Power Supply: For data link (Pair reqd.)
CICE1932PE32	Port Expander: 32 port (reqd for >2 serial devices).
CICE1940PL-1	Polling Line Converter: RS232/422 to extend the distance, PC to Controller (up to 4000').
CICE1941	Line Driver: To extend the distance (up to 4000') PC to RS232 device, eg., printer (Pair reqd)
CICEH5P	5 Port Hub: Networks CA3000 CPU.
CICE1945	8 Port Data Broadcast Unit: Connect up to 8 serial lines to 1 serial port
CICE1995	Micro Serial Server: LAN adaptor connects controllers directly to network.
NOTE: Panel cardholder capacities above may vary with system size & configuration. Those stated above use the fig. parameters, for e.g.: 5 Digits/Panel, 100 Transaction Buffer, 150 Time Schedule Blocks, 256 Access Groups.	

A-460 CardAccess is a registered trademark of Continental/NAPCO



# CardAccess 3000

## Enterprise Class Client/Server Software

CA3000 SQL is a true 32 bit, multi-tier application that runs on Windows 2000, Windows 2000 Pro and Windows NT 4.0. Clients operate on Windows XP, 98SE, NT or 2000. The CA3000 successfully integrates advanced client/server system architecture, scalable MSDE/MS-SQL database technology and advanced networking capabilities to provide an easy to program and easy to use integrated access control and facilities management system.

The scalable architecture of the CA3000 provides you with a system that has been designed to exceed your current needs and meet your requirements far into the future. The integration of CCTV control with pan, tilt and zoom capabilities and comprehensive alarm processing significantly eases the burden of providing a secure environment for your employees. Flexible database partitioning facilitates segmentation of the database into "spheres of control."

The CA3000 system has been designed to meet today's increased security challenges without compromising the ease of use and system reliability that Continental has been providing for over 40 years.

• **SmartView – CCTV Integration.** System operators can select which camera to view, pan in or tilt the camera to select the desired camera view and capture an image for archiving with a particular event. The system can be programmed to

automatically capture, store, and tie these images to the event that triggered them. When these events are recalled, the images are displayed with the events.

• **SmartImage – Employee Badging.** Integrated standard employee badging provides everything you need to create custom badge for your employees at any single workstation. Imports previously taken pictures or take new pictures. Personalize your badges by importing your company logos and data. (Additional badging stations can be separately added).

• **Asset Tracking Badge Validator.** The system administrator can program a reader as a "Badge Validator" reader. Badges presented to this reader are automatically enabled in the system.

• **Access Group Templates.** The system operator is able to select any existing access group and use that group as a template for creating new similar access group.



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