

Position Technology™

ACCESS CONTROL SYSTEMS 2002 PRODUCT CATALOGUE



SOFTWARE

- Access Control
- Report Generation
- Time & Attendance
- Real-Time Graphic Interface

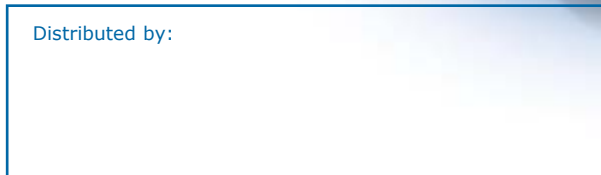
HARDWARE

- Door Controller
- Elevator Controller
- Readers & Keypads
- Accessories

Position Technology™

780 boul. Industriel, St-Eustache, QC, Canada, J7R 5V3 Fax: (450) 491-2509, E-mail: sales@postech.ca www.postech.ca

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Accessing the Future Today Accessing the Future Today Accessing the Future Today

Position Technology INC is proud to introduce the 2002 Access Control Product Catalogue.

At Position Technology, we channel innovation into the development of increasingly intuitive systems that are powerful yet easy to operate. Careful attention to customer needs has led us to set new standards of user-friendliness and affordability in access control. A strong commitment to innovation and customer satisfaction drives Position Technology's undisputed leadership in advanced access control.



Position Technology is proud to maintain the highest standards of product quality. Our products have received certification from internationally recognized standards agencies around the world.



Briefcase
CS-DEMO-C



Table Top
CS-DEMO-D

Pro-Report, Tracker, FrontView, PosiXtend and PosiPIN are trademarks of Position Technology INC.
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QC, Canada, J7R 5V3
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Accessory Modules

Accessory Modules

Accessory Modules



RS-485 Converter

CA-A360-A

- Converts RS-232 to RS-485
- Allows controllers to be connected up to 4000ft (1220m) from the server
- Also serves as a repeater if more than 4000ft (1220m) is required



Lock Control Module

CA-A110-P

- Simplifies the installation of electromagnetic locks
- 2 form "C" relays and fire inputs
- No external power source required



Relay Module

CA-A460-P

- Adds 7 form "C" relays to a controller
- 2 relay modules per controller
- Connects up to 4000ft (1220m) from the controller through its e-bus



RS-485 Network Hub

CA-A370-P

- Allows daisy chain and star configurations
- 4 "slave" ports (create independent RS-485 networks)
- Higher network isolation from noise

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Centaur®

Access Control Systems

The Power of Simplicity

Tired of access control software that's awkward and complicated? Fed up with partial or unstable solutions?

Centaur® is a complete access control software suite that gives you all you need to manage your access control system, easily and graphically. With Centaur®, you don't have to sacrifice features to get a system that's easy to use: you get multiple and remote site management, TCP/IP support, multiple language support, control of thousands of users, doors and schedules, expert time and attendance, flexible reporting, innovative access control and online upgradable firmware.

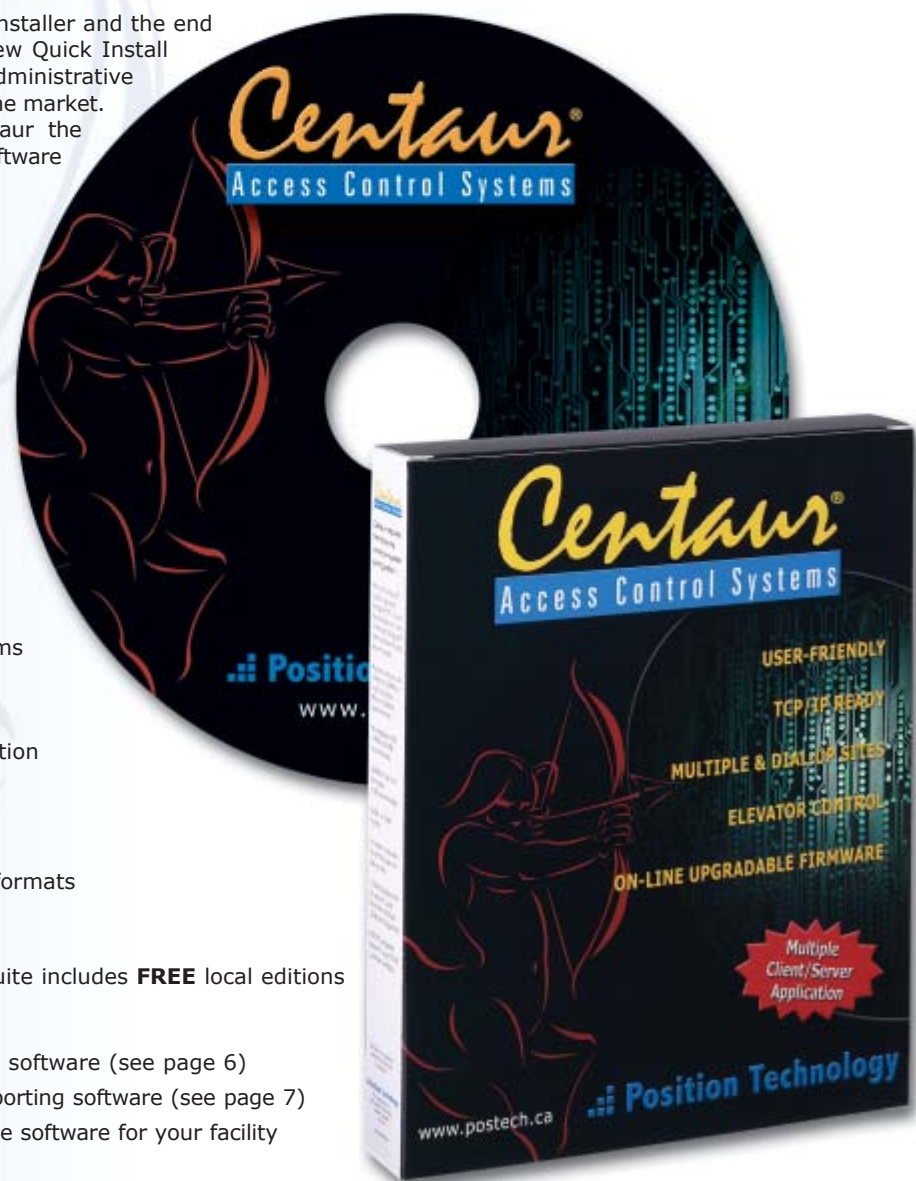
Centaur® was designed with both the installer and the end user in mind. Installers will love the new Quick Install process. End users will find Centaur's Administrative Console User Interface the simplest on the market. Whatever your needs, you'll find Centaur the most powerful, intuitive access control software suite around.

Features

- Multiple client/server applications
- New Quick Install for fast, one-click installation
- Windows® 98, 2000 and XP compatible
- Four software editions that are 100% upwardly upgradable
- Easily handles even the largest systems
- Powerful MSDE/SQL server database
- Multiple language support
- Full elevator control including Destination Reporting
- Flexible alarm and event definitions
- Online upgradable controller firmware
- Support for over 25 card and reader formats

Every edition of the Centaur software suite includes **FREE** local editions of the following software modules:

- **Tracker**—Expert time and attendance software (see page 6)
- **Pro-Report**—Flexible and powerful reporting software (see page 7)
- **FrontView**—Real-time graphic interface software for your facility (see page 8)



WWW.POSTECH.CA

High-Security Reader High-Security Reader High-Security Reader



Biometric Readers

CR-VPASS-A (Biometric reader)

CR-BIOP-A (Biometric and proximity reader)

These biometric readers are ideal to restrict access to any top-security area such as a vault or casino. To gain access, the user places their finger on the reader and in less than one second access is either confirmed or denied based on an internal database of authorized fingerprints. If a higher level of security is required, the CR-BIOP-A integrates a biometric reader and a PosiProx proximity reader to provide dual authentication.

- Identification time < 1 second
- Enrollment time < 3 seconds
- Fingerprint storage (VPASS = 200 / BIOP = 4,000)
- Pigtail wire connection
- Wiegand, ABA and custom formats
- Easily retrofitted to existing systems

Remote Wiegand Interface (433MHz)

CA-REMI-4

- Unlock doors using a remote control
- Connects to any Wiegand 26-bit controller
- Ideal for long-range applications
- Supports unlimited 4-button remote controls

4-Button Remote Control (433MHz)

OMN-RCT1

- Transmission up to 200ft (61m)
- Two long-life 3V lithium batteries included
- Water-resistant



Cards and Tags

CR-R700 Series

- CR-R702-A—Clam Shell
- CR-R704-A—Proximity Keytag
- CR-R706-A—2-sided High-Gloss ISO Card (ideal for photo ID applications)
- CR-R708-A—2-sided High-Gloss ISO dual-technology card (proximity and mag stripe)

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Extreme Readers Extreme Readers Extreme Readers



PIN and Proximity Reader

CR-R885-BL

- Extreme weather-resistant design
- Use as a keypad, reader or both
- Embedded 12-button keypad
- Up to 4" (10cm) read range with ISO Posicard
- Programmable face light, LED display and buzzer
- Wiegand, ABA and serial output
- Emulates ARK-501 and most keypad formats
- Panic alarm
- 5.75" H x 2" W x 1" T



Stand-Alone PIN and Proximity Reader

CR-R885-SB

- Extreme weather-resistant design
- Programmable PIN and card combinations
- Use as a keypad, reader or both
- Embedded 12-button keypad
- Up to 4" (10cm) read range with ISO Posicard
- Programmable face light, LED display and buzzer
- 1000 users
- Panic alarm
- 5.75" H x 2" W x 1" T



Wiegand and BCD Keypad

CK-MKEY-O

- Indoor/outdoor installation
- Flush or surface mount
- 6-digit installer code
- 26-, 37-, and 8-bit Wiegand and BCD formats
- Available with plastic housing (CK-PKEY-O)



Stand-Alone Keypad

CK-MKEY-S

- Indoor/outdoor installation
- Flush or surface mount
- 255 user codes with variable-length PINs
- 6-digit installer code
- Two-code entry option
- Available with plastic housing (CK-PKEY-S)

Centaur Edition	Lite CS-AC30-L	Standard CS-AC30-S	Professional CS-AC30-P	Enterprise CS-AC30-E
Controllers	2 per site	16 per site	64 per site	256 per site
Door expanders (CA-A470-A)	6 (3 per controller)	48 (3 per controller)	192 (3 per controller)	768 (3 per controller)
Readers	16 per site	128 per site	512 per site	2,048 per site
Keypads	16 per site	128 per site	512 per site	2,048 per site
Cards	512 per site	2,048 per site	8,196 per site	16,384 per site
Family codes	Unlimited	Unlimited	Unlimited	Unlimited
Number of PINs	Unlimited	Unlimited	Unlimited	Unlimited
Automatically generates PIN	Yes	Yes	Yes	Yes
User-defined PIN	Yes	Yes	Yes	Yes
Serial ports supported	1	1	1	4
Card/reader formats	Up to 255 per controller	Up to 255 per controller	Up to 255 per controller	Up to 255 per controller
Monitor points	56 per site	448 per site	1,792 per site	7,168 per site
Form C relays	32 per site	256 per site	1,024 per site	4,096 per site
Lock outputs	16 per site	128 per site	512 per site	2,048 per site
Open collector outputs	48 per site	384 per site	1,536 per site	6,144 per site
Online firmware upgrade	Yes	Yes	Yes	Yes
Local anti-passback	Yes (8 readers using controller and expanders)	Yes (8 readers using controller and expanders)	Yes (8 readers using controller and expanders)	Yes (8 readers using controller and expanders)
Global anti-passback	Yes (Online)	Yes (Online)	Yes (Online)	Yes (Online)
Soft anti-passback	Yes	Yes	Yes	Yes
Hard anti-passback	Yes	Yes	Yes	Yes
Interlock (mantrap)	Yes	Yes	Yes	Yes
Peer-to-peer communication	Yes (Online)	Yes (Online)	Yes (Online)	Yes (Online)
Access levels	256 per site	256 per site	256 per site	256 per site
Schedules with 8 periods	256 per site	256 per site	256 per site	256 per site
Holidays	128 per site	128 per site	128 per site	128 per site
Operators	256	256	256	256
Permissions	256	256	256	256
Security levels	256 per site	256 per site	256 per site	256 per site
Elevator control	No	Yes	Yes	Yes
Number of elevator cabs	N/A	32 per site	64 per site	64 per site
Elevator floor groups	N/A	64 per site	64 per site	64 per site
Elevator destination reporting	N/A	Yes (with CA-A482-P)	Yes (with CA-A482-P)	Yes (with CA-A482-P)
Remote site communication	No	Yes	Yes	Yes
Dial-up support	No	Yes	Yes	Yes
Number of sites supported	1	64	64	64
Languages	10	10	10	10
Concurrent languages	3	3	3	3
Maximum events logged	Limited only by hard drive size	Limited only by hard drive size	Limited only by hard drive size	Limited only by hard drive size
TCP/IP Support	No	No	Yes	Yes
Windows Operating Systems	Windows 98, 2000 *,XP	Windows 98, 2000 *,XP	Windows 98, 2000 *,XP	Windows 98, 2000 *,XP
Network workstations	Limited only by OS license and network capacity	Limited only by OS license and network capacity	Limited only by OS license and network capacity	Limited only by OS license and network capacity
Database Format	Microsoft-SQL	Microsoft-SQL	Microsoft-SQL	Microsoft-SQL

* Tested in English and French. Other languages also supported. Win XP is only supported as a stand-alone server.

Specifications may change without prior notice. Please call Position Technology INC or refer to our Web site at www.postech.ca for the latest specifications.

Position Tracker™

Time & Attendance Software

Keep Track

Monitoring the hours worked by your employees is simple with Tracker, our powerful yet flexible time and attendance software. Now you can easily track employee work hours, overtime, and missed and late punches, whatever the size of your organization. Intuitive and flexible, Tracker helps you handle even the most complex installations and schedules and generate detailed reports.

Features

- Local edition of Tracker included FREE with every edition of Centaur
- User-friendly wizard for generating reports
- Quick reports, predefined reports and scheduled reports
- Punch-in and punch-out times can be edited
- Customizable overtime calculation
- Wide array of exporting formats
- Same or separate readers to punch in and out
- Choice of actual or rounded-off punch times



Tracker LCD Keypad

CK-TRAK-L

- Display unit for Tracker time and attendance software
- Connect up to 8 keypads to CT-V900-A controller's e-bus
- Supports multiple language displays

Tracker Local Edition	Tracker Network Edition
Included FREE with all editions of Centaur	Can be purchased using part number CS-TRAK-T
Reports run from server only	Reports run from a workstation over a network
No security key required for Tracker on server	Security key for workstation included in CS-TRAK-T
125 predefined reports	125 predefined reports
25 scheduled reports	25 scheduled reports
Runs unlimited number of Quick Reports	Runs unlimited number of Quick Reports

Extreme Readers

Extreme Readers

Extreme Readers



PosiProx Proximity Reader

CR-R880-A/CR-R880-BL

- Extreme weather-resistant design
- Up to 4" (10cm) read range with ISO Posicard
- Wiegand, ABA and custom formats
- Tricolour LED display
- Advanced "SwiftRead" Technology
- 5.75" H x 2" W x 1" T



Single-gang mounting plate

CR-MTPLATE

- Mounting plate for the PosiProx or PosiPIN proximity readers
- Allows readers to fit perfectly on a single-gang electrical box
- Made of the same durable ABS plastic as the reader
- Same colour as the reader

PosiXtend Extended Range Proximity Reader

CR-R890-BL

- Extreme weather-resistant design
- Up to 24" (61cm) read range with ISO Posicard
- Wiegand, ABA and custom formats
- Advanced "SwiftRead" Technology
- Automatic range adjustment
- 8.13" H x 7.88" W x .77" T



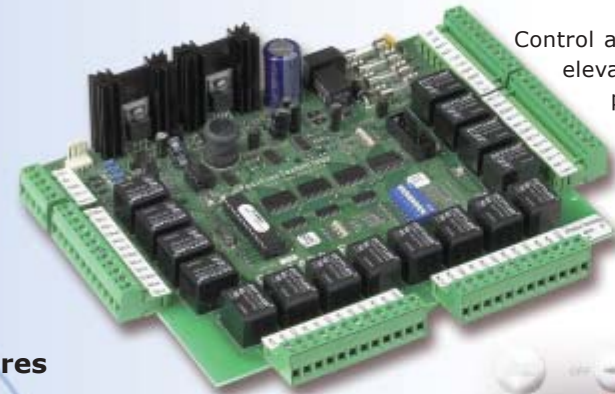
Innovative Elevator Control Innovative Elevator Control Innovative Elevator Control

Pro-Report™ Report Generation Software

Report It

Elevator Controller

CA-A480-A



Control access to multiple floors easily and expertly with the CA-A480-A elevator controller. With its optional Destination Reporting, on-board power supply, 20A relays, full supervision and safety features like the Fire Control Override, the CA-A480 offers the most advanced elevator access control on the market.

Features

- 16 floor-control relays per CA-A480-A controller
- Connects directly to the RS-485 e-bus
- Up to 8 elevator controllers per main controller
- 2 elevator cabs of 64 floors per main controller
- Maximum system capacity of 64 elevator cabs of 64 floors
- Compatible with Centaur Standard, Professional or Enterprise editions

Destination Reporting Module

CA-A482-P

Track which users go where, at what time, with the Destination Reporting Module. Easily connected to the elevator controller, the Destination Reporting Module gives you effective floor tracing and control of user movements by enabling the controller to register who accessed an elevator and which floor was accessed. If you need enhanced floor access control and auditing, then you need the Destination Reporting Module.

Features

- One-card, one-floor operation
 - 16 floor-selection inputs
- Records wrong floor selection



Pro-Report's rich reporting features help make Centaur the most powerful, easy to manage access control system on the market. With the ability to make a full report on virtually any system event, device or component, then export that report to a large number of formats, Pro-Report is the perfect access control reporting tool.



Features

- Local edition of Pro-Report included FREE with every edition of Centaur
- Easy report generation with user-friendly wizards
- Powerful search and filter tools with multiple criteria used per search
- Filter and search events for any card, door or system device
- Complete system configuration reports
- Last-access reports show you where all users are at any given time
- Input counting reports allow you to monitor activity on any input
- Wide array of exporting formats for unmatched flexibility

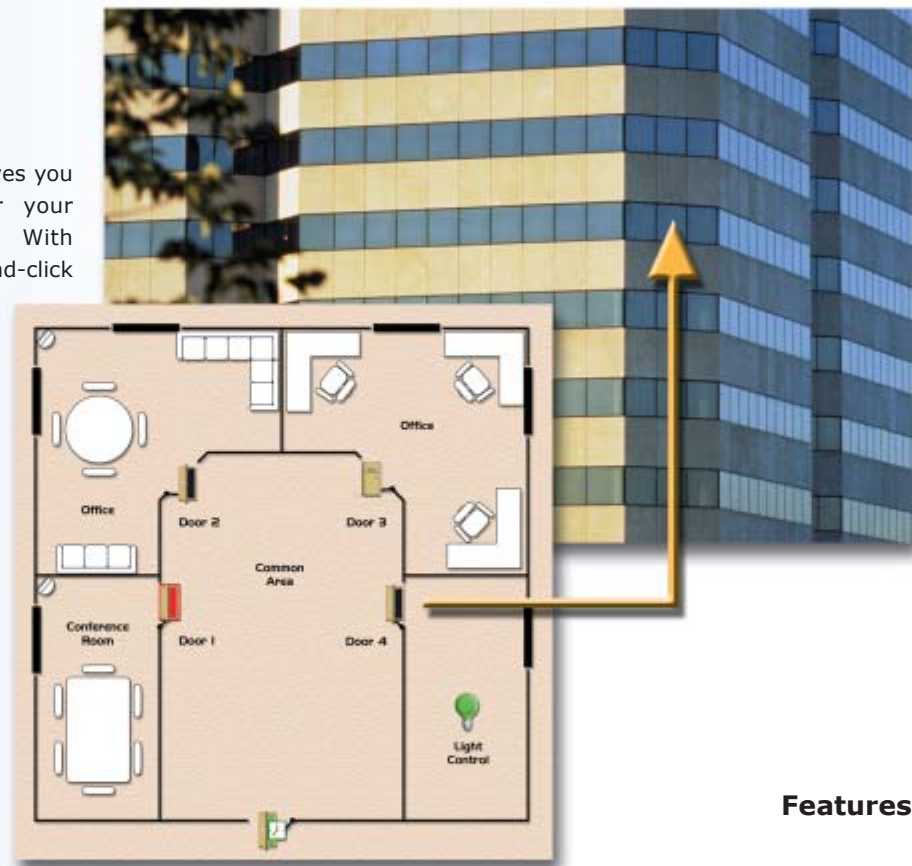
Pro-Report Local Edition	Pro-Report Network Edition
Included FREE with every edition of Centaur	Can be purchased using part number CS-AC30-R
Reports run from server only	Reports run from a workstation over a network
Security key required for Pro-Report on server	Security key for workstation included in CS-AC30-R
125 predefined reports	125 predefined reports
25 scheduled reports	25 scheduled reports
Runs unlimited number of Quick Reports	Runs unlimited number of Quick Reports

FrontView™

Real-Time Graphic Interface

Picture This

Need help picturing it? FrontView gives you real-time, graphical control over your Centaur access control system. With FrontView, you get instant, point-and-click control over doors, relays, inputs, outputs and controllers. Its full alarm management and event-based trigger actions give you virtually unlimited system control possibilities. Fully customizable, FrontView lets you create status icons to monitor your system live. The local and network editions enable you to import an unlimited number of floor plans into FrontView. With FrontView, managing your access control system is picture-perfect.



Features

- Import floor plans directly into FrontView
- Supports high-definition graphics
 - Full library of interactive icons
- Unlimited number of floor plans
 - TCP/IP support

Powerful Access Control

Powerful Access Control

Powerful Access Control

Controller

CT-V900-A

Get maximum performance and scalability with the CT-V900-A controller. The CT-V900-A controller offers a powerful RISC processor, 256k RAM expandable to 4MB, dynamic memory allocation for maximum event buffer capacity, and a distributed database linking all controllers on the bus—even when the managing computer is offline. Upgrading the controller is quick and easy with its online upgradable firmware. And expanding your system is simple: with the controller's innovative e-bus technology, you can easily add controllers, expansion modules and accessories whenever you need them.



Features

- Intelligent expansion bus
- Fully distributed architecture (100% offline operation)
- Online upgradable firmware
- TCP/IP support
- Multiple card reader formats
- 2 doors (expandable to 8 with CA-A470-A modules)
- 16 on-board zone inputs N.O.
- 2 on-board relays (expandable to 16 with CA-460A-P modules)
- Addressable with up to 64 controllers per run
- 10,920 cards
- 256 schedules (expandable)
- 2,048 event buffer (expandable)
- ATZ with tamper and short recognition
- Offline battery-backed real-time clock
- Database memory

2-Door Expansion Module

CA-A470-A

Expand your access control system for a fraction of the cost of another controller with the 2-Door Expansion Module. Control as many as eight doors by connecting up to three of these modules to the controller's intelligent e-bus. Each module supports two readers and/or keypads and contains an on-board power supply, saving you the cost of installing an external power supply. Communication with the controller is via a fast, secure RS-485 e-bus.

Features

- Add 2 readers and/or keypads
- Up to 3 per controller
- Each module supports Wiegand, mag stripe, custom and BCD formats
- On-board power supply
- Six on-board PGM outputs (50mA)
- 2 lock outputs
- 4 zone inputs



FrontView Local Edition	FrontView Network Edition
Included FREE with every edition of Centaur	Can be purchased using part number CS-FVIEW-N
Runs from server only	Runs from a workstation over a network
Security key required for FrontView on server	Security key for workstation included in CS-FVIEW-N
Can import unlimited number of floor plans	Can import unlimited number of floor plans