

XPress ACCESS

An easy to set-up, affordable,
security management system
that grows with your needs...

it couldn't be simpler!



Andover Controls

XPress ACCESS

Introducing XPress Access, the easy-to-use, affordable security management system that grows with your needs. What could be simpler for day-to-day access control? XPress features a Windows-based software package that's ready to go right out of the box. You can be up and running — controlling doors, adding card records, responding to alarms, viewing history reports — in no time!

XPress is perfect for small sites. Control and monitor up to 28 doors with the basic XPress software, but easily expand your system with additional workstations and I/O modules as your security requirements grow. In fact, complete enterprise-wide security management can start with XPress!

XPress Access — Simple . . . yet Powerful Access Control!

Easy-to-Use

Step-by-step installation, built-in menu pages, and pre-configured database.

A Good Value

Sold in cost-effective, bundled hardware/software packages. Buy only the number of I/O modules you need.

Scalable

Modular hardware lets you expand your system to meet your growing access control requirements.

Integrated Platform

Seamlessly link to your facility's sub-systems, including CCTV and digital video recording.

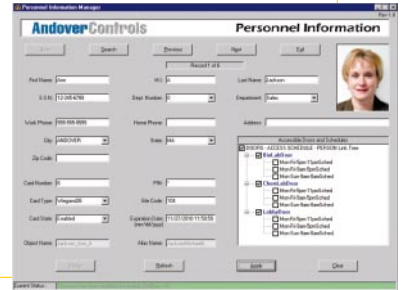


Simple Personnel Management

With XPress Access, personnel management has never been easier! Simple menus guide even the occasional user through basic card access functions — searching, editing, and adding personnel records, assigning doors and schedules, etc. In addition, XPress's powerful scheduler lets you add time restrictions to a person's card and automatically unlock doors at specific times.



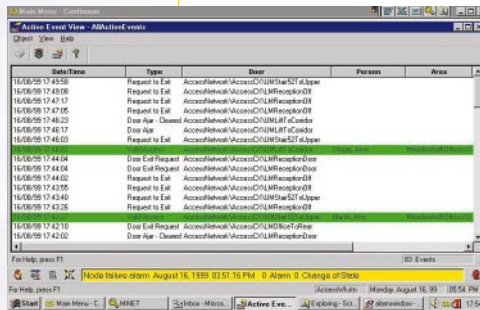
Daily card record administration is a breeze! There's no tabbing back and forth between multiple forms. All information displays on one easy-to-read screen. A built-in "photo badging" option is also available, allowing creation of custom card designs incorporating logos and other artwork, barcode formats, etc.



Real-Time Monitoring

XPress monitors every card access transaction and alarm event as it's happening. Using a live, color-coded Active Event Viewer and Alarm window, XPress operators can quickly view alarm messages and silence them. In addition, input values for motion detection, glass breaks, and fire alarm points display in real-time.

Use XPress's simple "Door Monitor Screen" and lock and unlock doors instantly. Select a controlled door anywhere in your facility from the XPress operator workstation and simply click to lock, unlock permanently, momentarily unlock, or unlock it for a specified amount of time. Door switch and door unlock status are also displayed in real-time.



Critical areas in your facility, where real-time temperature, humidity, pressure, toxic gases, and other analog values must be carefully watched, are also easily monitored by XPress Access using Andover's Universal Input module.

Flexible Reports

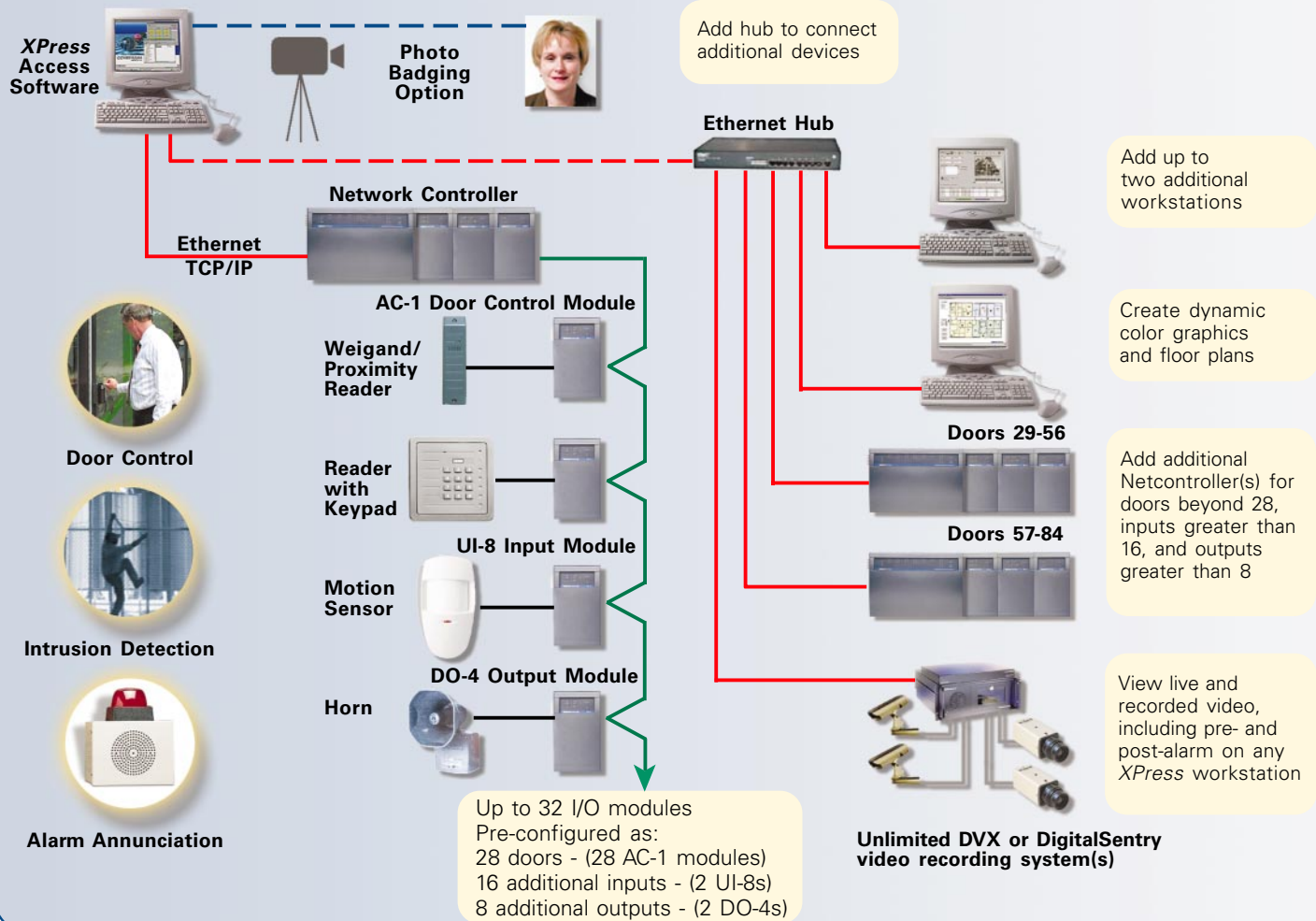
Generate access event, alarm, area/cardholder, door, and user activity reports quickly and easily. XPress's flexible, ad-hoc reporting capabilities let you retrieve, preview, print, or save to file these reports using the exact selection criteria to meet your needs. Just point and click — no typing required!



XPress Access System Architecture

Basic System

Grow with Your Needs!



Scalability

XPress Access is cost-effective. You start simple, buy only what you need initially, and then expand as your security requirements grow! Grow beyond 28 doors with additional door control modules. Or add more I/O, operator workstations, and network controllers. XPress Access is scalable all the way up to a complete enterprise-wide facility management system!

And because XPress is fully compatible with Andover's flagship *Continuum*™ Security Management System, you can integrate with all your facility sub-systems — HVAC, lighting, CCTV, digital video recording, fire alarms systems, power monitoring, and more.

Effortless System Administration

Setting up XPress is just that — *fast!* XPress comes with a pre-configured access database, and the software walks you through a simple step-by-step process to get your system up and running quickly.

Operator training is also quick and easy. Once XPress is set up, custom menu pages have been designed for Admin, Manager, Guard, Config, and Data Entry users, each with an operator's manual tailored to meet their specific needs. On-line help is built-in (if you need it).

Even the system diagnostics are built in! XPress provides a comprehensive system analyzer and a complete range of troubleshooting reports. These timesaving tools along with an *automatic* nightly database back-up feature keep your XPress system running at optimal performance. With XPress — system administration is almost *effortless!*



Specifications

XPress Access Software Specifications

- Operating system: Windows 2000 Professional, Windows NT 4.0
- Database engine: MSDE
- Network connectivity: Ethernet TCP/IP
- Maximum workstations before requiring separate file server: 3
- Maximum workstations: Limited only by file server bandwidth
- Maximum personnel records: 4 million
- Maximum event and alarm log entries: Limited only by disk space
- Maximum alarm priority levels: 256
- Maximum time schedules: Unlimited
- Pre-configured operator privilege levels: 5 (expandable)

XPress Access Photo Badging Option

- Image compression: JPEG
- Average image size: 15-25K
- Images per personnel record: 3
- Image types: Photo, fingerprint, and signature
- Photo capture hardware: Any digital camera or analog video capture card supported by Windows NT or Windows 2000
- Recommended analog video capture card: Flashbus MV Lite
- Badge printers supported: Most standard card printers, with Windows NT or Windows 2000 drivers.
- Mag stripe encoding: Yes
- Smart card encoding: Yes
- Bar code format support: Yes

XPress Access Workstation Hardware Specifications

- PC with 750MHz or higher processor, 256 MB RAM, 10GB hard drive, CD-ROM, 10bT Ethernet card, display set to 1024 x 768

XPress Access Network Controller Specifications

- Power requirements: 24VDC, 15W, provided by NetController power supply
- Real-time clock: yes
- Mounting: DIN rail, or surface mount with built-in mounting tabs
- Environmental: 32 to 120°F (0 to 50°C), 10-95% RH non-condensing
- Network connectivity: Ethernet TCP/IP, 10bT
- Network bus length: 303 ft. (100m) using cat 5 cable. Standard Ethernet repeaters allow for longer distances
- RAM: 4 or 8MB
- Flash EEPROM: 4MB, for operating system
- Maximum personnel records per network controller: 78,000 (8MB models)
- Number of I/O modules supported: 8, 16, or 32, depending on model
- Agency listings: UL/CUL 916, FCC, CE, UL 294, UL 1076

Network Controller Power Supply Specifications

- Power requirements: 120/240VAC, 50/60Hz
- Output power: 24VDC, 70W
- UPS circuit: Included
- Main power fail indicator: Included
- Battery size: Qty 2 – 12VDC, 6.5Ahr
- Backup time: 30 minutes @ full 70W power consumption
- Backup options (software selectable): 4 hours CPU module only, 72 hours DRAM and real-time clock

Input/Output Bus Specifications

- I/O bus type: RS-485
- Maximum distance: 2,000 feet (610m), wired in a daisy-chain configuration
- Maximum I/O modules: 32

Input/Output Bus Specifications (continued)

- Baud rate: 39K
- Bus media: Single pair, twisted, shielded cable, 24g low capacitance, specs equivalent to Belden 9729.

AC-1 Door Control I/O Module

- Power requirements: 24VDC, 2.6W plus reader consumption
- Reader inputs: 1
- Reader type: Wiegand/Proximity
- Custom Wiegand card formats: Yes, up to 4
- Reader power: 5V, 120mA / 12V, 180mA, selectable
- Distance, reader to AC-1: 500 feet (152m) using 18g cable, 200 feet (61m) using 22g cable
- Keypad support: Yes, using the same Wiegand signal wires. standard combination reader/keypad units supported.
- Supervised inputs: 3, used for door switch, request-to-exit, and additional alarm
- Supervision type: Single or double resistor, series or parallel
- Relay outputs: 2, normally used for door output and local alarm
- Relay type: Form C
- Output rating: 24VAC/DC, 5A
- Output LEDs: Yes
- Output override switch: Yes, per output
- Override feedback: Yes, switch position is monitored and alarmed

UI-8-10 Universal Input Module

- Power requirements: 10-28VDC, 0.7W
- Inputs: 8
- Input range, resolution: 0-5V, 10 bit
- Input types: Digital, Supervised Alarm, Temperature, Voltage, Counter, selectable per input
- Supervised: Single or double resistor, series or parallel
- Digital: Dry contact closure
- Temperature: 10K Thermistor, range -30-230°F (-34-110°C), accuracy +/- 1.0F (0.55°C) over range 40-100°F (4-38°C)
- Voltage: range 0-5V, accuracy +/- 15mV, can also use 4-20mA sensors with 250 ohm resistor. Range, units selectable and scalable through software.
- Counter: 4Hz maximum rate, 125ms minimum pulse width

DO-4-R-O Relay Output Module

- Power requirements: 10-28VDC, 2.8W
- Outputs: 4
- Outputs type: Form C relay
- Output rating: 240VAC @ 5A; 30VDC @ 5A
- Minimum output pulse: 0.1 sec.
- Output LEDs: Yes
- Output override switch: Yes, per output
- Override feedback: Yes, switch position is monitored and alarmed

XPress Enclosure Option

- Large, stylish enclosure for mounting field hardware centrally
- Size: 24" w x 36" h x 7" d (610mm x 914mm x 178mm)
- Color: Gray
- Base: 1.90mm cold-rolled steel
- Door: GE Noryl
- Backplate: Removable, includes 3 DIN rails
- Enough room for:
 - NetController, power supply, and 10 I/O modules, or
 - Power supply and 12 I/O modules, or
 - 15 I/O modules
- Includes battery compartment and wire troughs

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