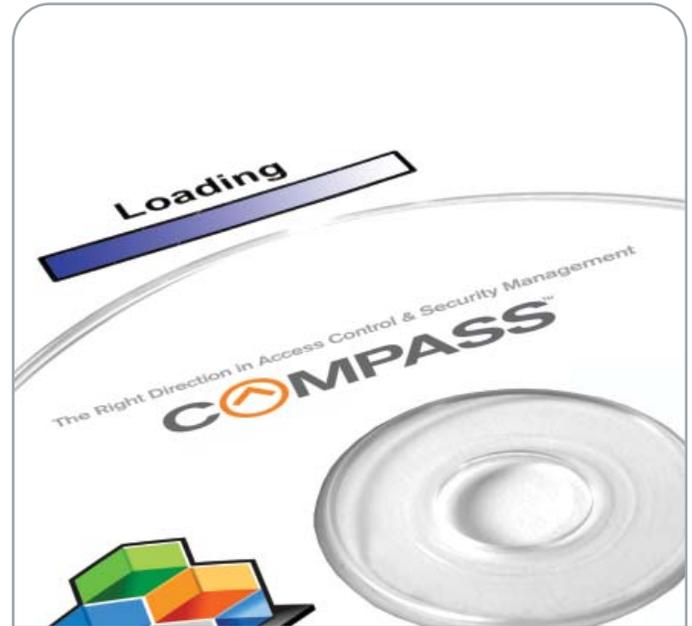


Compass 6e is a multi-functional application that controls and integrates electronic security, environmental and operational systems including:

- Access Control
- Alarm Monitoring
- Intrusion Detection
- CCTV
- Digital Video Recording (DVR/NVR)
- Elevator Control
- Photo ID Badging
- HVAC and Lighting Control
- Visitor Management
- Vehicle Management
- Asset, Vehicle and Personnel identification and tracking with RFID

6e's modular single or multi-server architecture accommodates virtually any size application. It can be used in a single building or as a single system that ties multiple properties together.



## Main Features

6e was engineered from the ground up for network compatibility. It uses minimal bandwidth and SOAP/XML enabled TCP/IP communications. It was built on Microsoft's .NET and .ADO platforms.

Compass 6e presents information using graphic menus, real-time displays and dynamic interactive screens. The use of intuitive point and click commands, hierarchical tree views and color-coded information enable operators to quickly identify critical conditions and respond accurately.

Compass 6e is a proven solution at work in single and multi-tenant office buildings; manufacturing facilities; colleges, universities, K-12 schools and districts; hospitals; municipal and state government, and many others.

- Supports more than 500 doors per server
- Seamless cross-platform integration
- Scalable
- Single and multi-server configurations
- Microsoft .NET and .ADO framework
- MSDE or MS SQL database
- Windows Services
- Native client/server architecture
- SOAP/XML enabled TCP/IP communications
- LAN/WAN compatible
- Keypad activated commands
- Programmable ASCII commands
- Database and workstation partitioning
- Familiar Windows XP® look and feel
- Progressive information architecture
- Anywhere-in-a-click navigation
- Hardware features full distributed processing

## Standard Features

### Graphical User Interface

- Built on Microsoft's .NET platform
- Familiar Windows XP look and feel
- Unique anywhere-in-a-click navigation
- Graphic menus, real-time displays, dynamic interactive screens, hierarchical tree views and color-coded information

### Access Control

- Cardholder enrollment is simplified through the use of information defaults or templates. Drop-down menus or "pick lists" allow administrators to set up and select defaults quickly and easily.
- Up to 255 independent access levels may be assigned to each cardholder. This allows the administrator to grant temporary access without modifying existing privileges or to issue cards for future use.
- Each access level can be set to become valid or expire on specific date.
- Multiple cards/ID numbers and formats in a single Cardholder Record
- First Card In feature allows doors that are normally locked through a time command to remain locked until the first valid credential is presented. This prevents facilities from being unprotected on days when there may be an emergency closing due to events such as severe weather.
- 365 Holidays/Special Events
- Cardholder records can be customized through user-defined tabs and fields
- Global anti-passback

### Alarm Monitoring and Intrusion Detection

- Real-time device status visible on every screen
- Graphical maps or photos can be linked to any device in the system. This makes locating the source of an alarm fast and accurate. Import formats: JPG, BMP, PCX, GIF and Metafile.
- Patented quad-split screen with customizable alarm display: live/recorded video, graphical maps, pre-defined operator responses and instructions
- Compare live video with Cardholder image
- Alarm inputs programmable for either 2, 3, or 4-state supervision. Alarm inputs can be shunted and disarmed manually through the software, readers and remote keypads; or automatically using time and holiday schedules
- Alarm notification via e-mail and cellular text messaging

### Video Surveillance (CCTV, DVR/NVR)

- ASCII interface allows operators to view live video from CCTV system without customized drivers.
- .NET and ActiveX-based integration with wide range of DVRs/NVRs
- Access control and alarm events can be associated with clips of video including programmable pre-event times.
- Video can be archived for later viewing and retrieved by event, type, date, or keyword

### Standard and Custom Reports

- Extensive list of often-used reports built by industry standard report generator Crystal™ Reports. Custom reports can be generated using a full version of Crystal™ Reports.

### Database and Workstation Partitioning

- System administrators can pre-define a wide range of partitions for both database and workstations. This makes specific information viewable and editable only by select operators or operator groups

### Keypad Commands

- Any keypad or reader/keypad connected to the system can be programmed to execute specific commands (lighting, HVAC, readers locked/unlocked) based upon the PIN entered.

### Elevator, Lighting and HVAC Control

- Using a function called Reader Controlled Outputs (RCO), 6e can control elevators and the access certain people may have to floors. The RCO function can also be used to integrate with building controls such as lighting and HVAC.

### Visitor Management

- Collect and maintain visitor information; schedule and process appointments; track visitors throughout the facility

### Vehicle Management

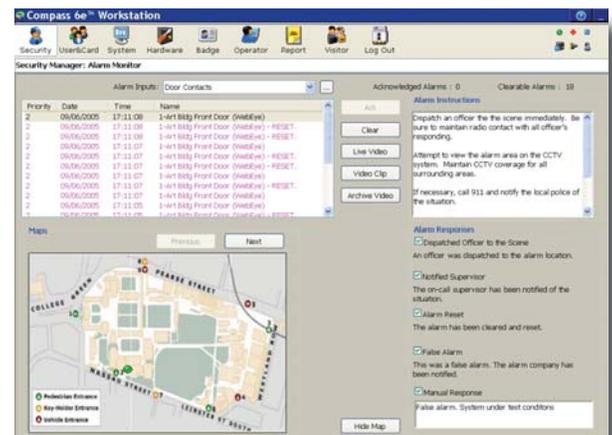
- Cardholder and visitor vehicle information is kept in a separate part of the database. This provides fast access without having to sort through or access the entire database.

### Single and Multi-Server

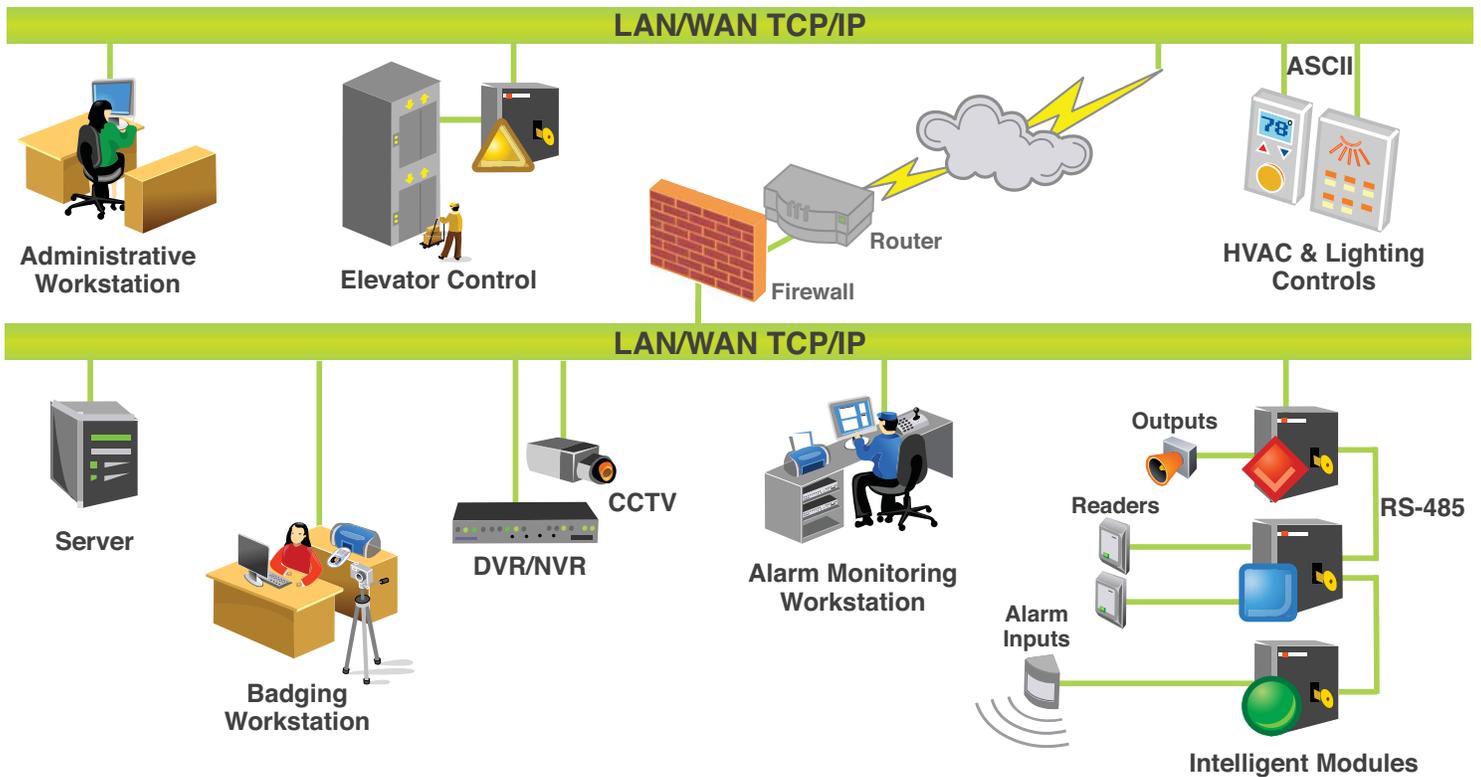
- Single and Multi-Server configurations
- Servers can support from 32 to 512 doors/readers in increments of 32/128/256/512.
- An unlimited number of 6e servers can share a common SQL database and operator workstations can be connected to any of the servers as required.

### Multiple Workstations

- Maximum 30 concurrent per server
- When using an MS SQL database, additional SQL licenses are not required for each 6e workstation. One SQL license is required for each server to allow connectivity. Workstations can be configured to connect to any server based upon the operator's log-in permissions.



## System Architecture



## Software Options

### Photo ID Badging Module

- Design and produce single or double-sided custom photo ID badges using familiar tools and controls to place database fields, graphics, barcodes and other drawing elements.
- Works with video capture cards and web cameras. Images can also be imported.

### Automatic Data Import Utility

- Real-time data transfer from a variety of systems to the Access Control Database. Enables 6e to update cardholder and access information on-the-fly.

### DVR Integration

- For a list of manufacturers, see System Interfaces

### Advanced Data Encryption

- Triple DES
- AES 128
- AES 192
- AES 256
- RC2

## System Interfaces

### CCTV

ASCII

### DVR/NVR

Dedicated Mircos  
Kalatel  
WebEyeAlert

### Intrusion

Standard Type C Dry Contacts

### Fire

Standard Type C Dry Contacts

### Elevator Control

Reader Controlled Outputs (RCO)

### HVAC

ASCII or RCO

### Lighting

ASCII or RCO

### PC Requirements

#### Operating System

(OS not included)  
Windows 2000 Professional®  
Windows XP Professional®  
Windows 2003 Server

#### Processor

Pentium 4

#### Memory

1 GB minimum

#### Video Board

Capable of displaying 24 bit true color  
at a minimum of 1024x768

#### Sound

Optional: 16 bit card with associated  
speakers

#### Monitor

17" displayable, .28 dot pitch minimum

#### Hard Drive

8 GB minimum

#### CD-Rom

2x minimum

#### Backup

One archive device (tape, Zip, CDR/W)  
appropriate for size of hard drive

### Parts and Ordering Information

Compass 6e Software Packages Supplied with MSDE database – will support MS SQL	
SFT6032	6e software with one workstation license. Supports up to 32 readers or a maximum of 32 IRM/IIM/IOM. One additional workstation may be added using SFT6013. Upgrade (to full version 6e)
SFT6128	6e software with two workstation licenses. Supports up to 128 readers or a maximum of 64 IRM/IIM/IOM. Additional workstations may be added using SFT6013, SFT6014, SFT6015 to a maximum of 30 concurrent.
SFT6256	6e software with two workstation licenses. Supports up to 256 readers or a maximum of 128 IRM/IIM/IOM. Additional workstations may be added using SFT6013, SFT6014, SFT6015 to a maximum of 30 concurrent.
SFT6512	6e software with two workstation licenses. Supports up to 512 readers or a maximum of 256 IRM/IIM/IOM. Additional workstations may be added using SFT6013, SFT6014, SFT6015 to a maximum of 30 concurrent.
Additional Workstation Licenses	
SFT6013	Single workstation license
SFT6014	Block of five workstation licenses
SFT6015	Block of ten workstation licenses
Expansion Packages	
SFT6016	Upgrades SFT6128 to SFT6256
SFT6017	Upgrades SFT6256 to SFT6512
SFT6018	Upgrades SFT6128 to SFT6512
Software Options	
SFT6002	Photo ID Badging Module
SFT6022	Data Transport Utility
SFT6023	DVR Integration: Dedicated Micros, WebEyeAlert, Kalatel
SFT6024	Multi-Server License. One required for each server in a multi-server configuration. Requires MS SQL Server. Not available for SFT6032.
SFT6025	Enhanced Encryption: Triple DES 128, Triple 192, AES 128, AES 192, AES 256, RC2