

INTEGRATED SECURITY SYSTEMS

APEX PRODUCT DATA SHEET

OVERVIEW

Security, the protection of people and property from the multitude of threats we face today, MUST be an essential component of any organization's strategic and tactical planning.

Continuing to spend more money on existing isolated, disparate, localized, technological diverse individual systems for fire control, building utilities, access control, personal protection, surveillance, and multiple overlapping communications channels is not effective in the face of the wide variety of natural disasters and malevolent threats we face today.

Computer and network access control is another security cost that is often separate from an organization's security planning and processes. Business functions such as access control overlap in the physical world and the cyber world.

Central command and control supported by real-time data acquisition, alarming and control of ALL security related subsystems, reduces costs through the elimination of duplicate labour in overlapping monitoring functions, and, greatly improves the responsiveness and effectiveness of the security staff by providing them complete visibility across the span of the organization's operations.

Central command and control does not have to static. The convergence of data from the multiple sources is available anywhere any time using mobile technology.

APEX seamlessly integrates access control, building management, and video surveillance into an effective, elegant command and control system. Advanced system architecture allows APEX to grow from a small office, to a campus, to a multi-site enterprise spanning multiple time zones and languages.

When you are ready to implement a total, comprehensive security infrastructure covering both your IT network, and physical access to all your facilities, ask us about APEX's Business Security Management Module.

COMPLETE PHYSICAL MONITORING & CONTROL

APEX brings together ALL monitoring, CCTV live feeds and re-plays, and intrusion detection alarms onto the operator's touchscreen. No other system integrates the complete security situation like APEX. Select the following modules you need.

- Card Access Control
- Motion Sensors
- Integrated IP cameras and digital video recording (CCTV/DVR)
- External (fence) intrusion monitoring
- Annunciation
- Paging
- Intercom
- Nurse Call
- Personal Duress
- Watch Tour
- Fire Alarm Monitoring
- Utility Monitoring and Control
 - HVAC
 - Telephone
 - Lighting
 - Power
 - Water
 - Cable TV

STANDARD FEATURES

- From single office to multi-site enterprise, APEX grows with your organization.
- Standards based, multi-vendor support
- Tight integration with video surveillance and recording
- Integrates with full range of monitoring and alarm sub-systems (fire, intercom, perimeter, utilities)
- Wide choice of access card technologies
- Operator stations with touchscreens, displaying coloured maps, intuitive to use
- Historical recording, tracing, and event recall and re-play.
- Integrated with Enterprise IT security policies and actions

SCALABILITY

- Advanced system architecture allows APEX to grow from a small office to a multi-site enterprise spanning multiple time zones and languages. The database engine, clients, application server can be installed on a single PC running windows XP, or spread over multiple computers within the corporate network.
- 999 Operators
- Unlimited number of access points
- Unlimited number of Operator workstations
v500,000 cards per reader

VIDEO SURVEILLANCE INTEGRATION



Integration of APEX's sophisticated Access Control Management Systems is extended through an open architecture interface with a wide range of Digital Video Recorders.

Over the LAN or the Internet, the system user has direct system-wide access to live video, event viewing, historical event based video search, and video export capability.

RELIABILITY

APEX has the following features addressing reliability:

- Hot Standby Data Servers (option)
- Access Points continue to operate in the event of a loss of communications with the server, or server fault. Data is stored in the access point controllers, hence no data is lost during a server failure incident.

CARDHOLDER ADMINISTRATION

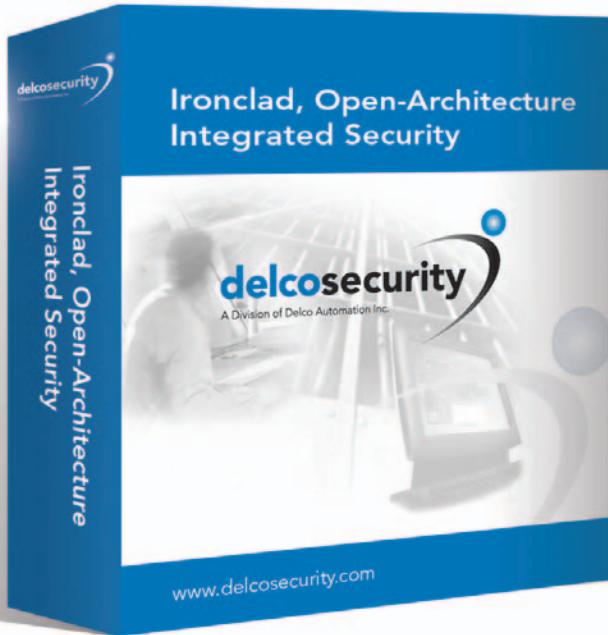
Cardholder data can be synchronized with LDAP directory services. With the "Business Security Management Module", individual's roles and privileges for both the IT network and building access control can be set with one unified process. If a user's privileges are revoked, his card and login no longer work.

Advanced features include:

- "Stealth Mode" — scheduled activated suppression of access control messages from a specific card for investigative auditing
- "Double Swipe" — Lock/Unlock & "four swipe" High Security on/off privileges granted to each cardholder on a door per door basis
- Card activation and de-activation can be set for a specific date, hour, minute, and second.
- Complete audit trail for all operator and system administrator activities



INTEGRATED SECURITY SYSTEMS



SPECIFICATIONS

- Data Storage: MS SQL Server 2000
- Load Management / Hot Standby: Yes
- Communications Servers: Multiple
- Networks per comm. Server: 256
- Full Function Client W/S: Unlimited
- System Operators: 999
- Database Segregation: Yes, by operator
- Universal ASCII Interface: Yes, multi-port
- CCTV & DVR Integration: Yes
- E-mail event notification: Yes
- SIA Format IP Monitoring: optional
- No. Access Points: Unlimited
- Cards per Panel: 500,000
- Panel's Event Buffer: 500,000
- Elevator Control: Yes
- 3rd Party Alarm Integration: Yes
- Building Automation: Yes
- Photo ID System: Yes

PC REQUIREMENTS

- Intel Pentium 4 processor @ 2.0GHz
- WINDOWS XP Professional
- RAM: 512Mb
- Disc Space: 2Gb
- CD-ROM drive
- RS-232 port: one minimum
- USB port: one minimum
- Sound card and speakers
- Video Monitor 1024x768 min. 65,535 colours

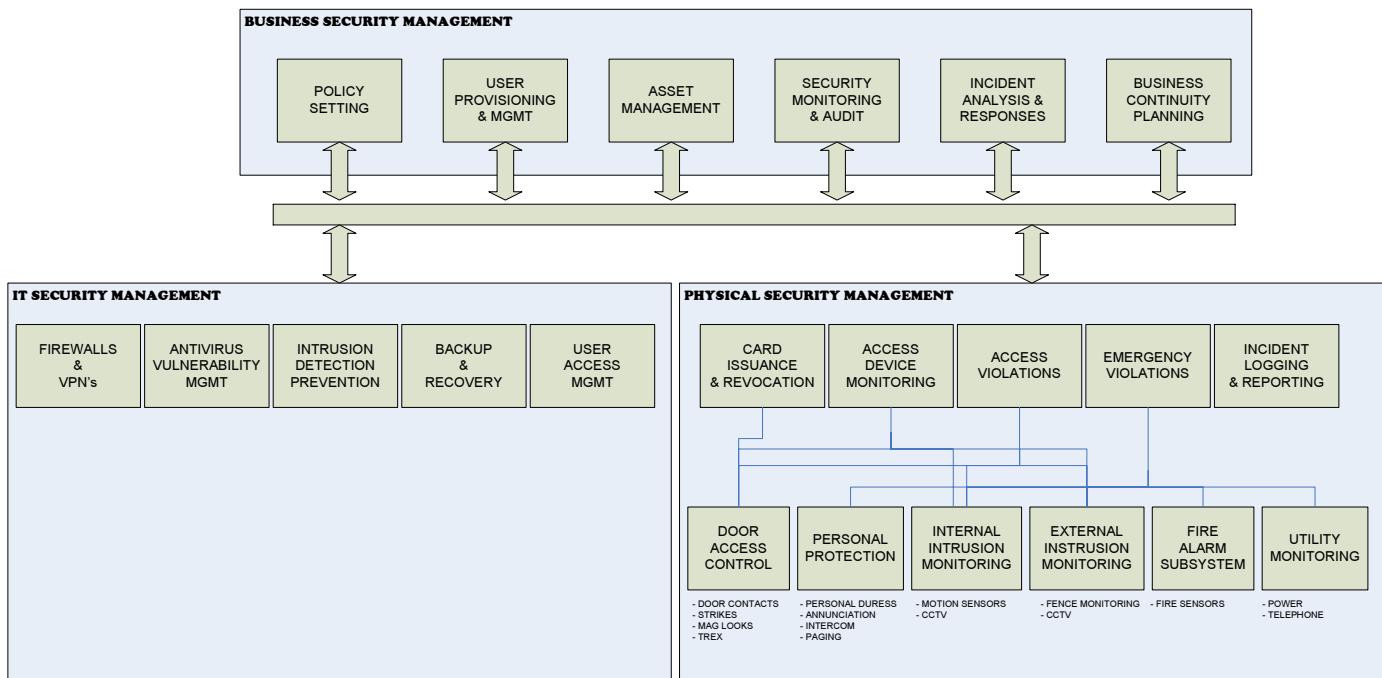


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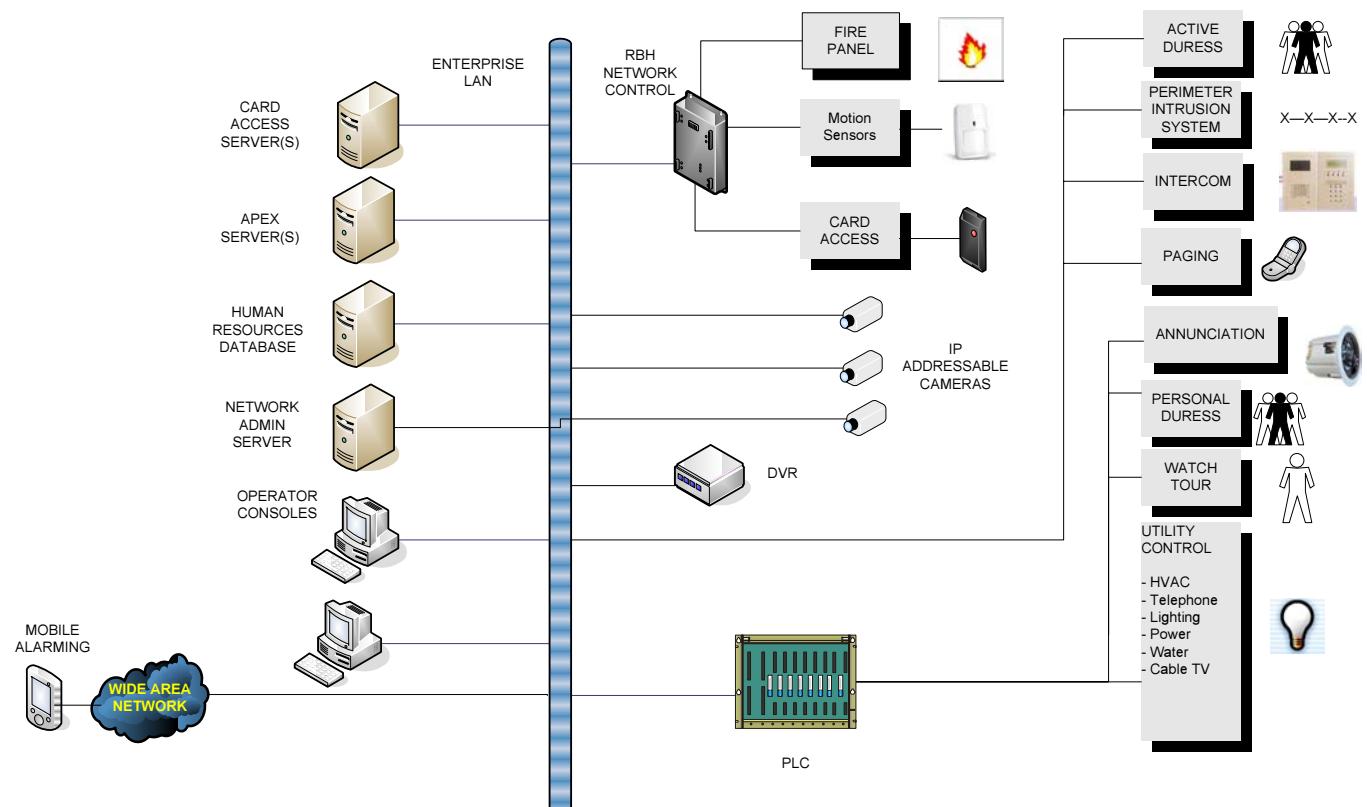
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APEX Physical Security Management System



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