



## *In the know. In control...*

*Your site security system is only as good as the information it provides. Why compromise when so much can be at stake? Be in control—know who goes where, what happens when and have a comprehensive overview after the fact. Monitor and control systems throughout your organization. Choose a system that is trusted by the most sensitive sites throughout the world. APACS gets you there.*

Apollo Security's Access Control and Alarm Monitoring System (APACS) is the result of years of research and design coupled with real-world input from security professionals working at the most secure sites around the globe. APACS comprises the basis for a flexible and robust system that meets the needs of systems ranging from perimeter systems up to fully integrated enterprise-level installations.

### **Integration**

Don't just manage Access Control, take charge of your entire security system. APACS supports a full range of Digital/Network Video Recorders (DVR/NVR) with a consolidated interface. APACS supports digital video products from Panasonic, Samsung, Pelco, Vicon, Verint and Milestone as well as ApolloVideo and ApolloVision products. A full featured OPC Client enables monitoring and control of building infrastructure and factory automation equipment.

### **Trusted High-Level Security**

In use at some of the most secure places around the world including military facilities, nuclear power plants and oil & gas industry installations, APACS has been proven time and time again. Taking control of security has never been easier with features like Windows Active Directory single sign-on, central storage of multiple biometric templates and easy enrollment of FIPS 201 credentials.



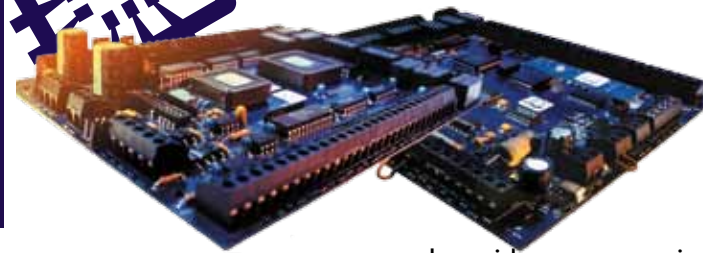
## Access & Alarm Monitoring

APACS gives site security personnel complete control and a comprehensive overview of the state of the system. Using the Alarm Mode console, staff can easily view access activity and alarm status in real-time. Customizable interactive maps can be configured to automatically display the highest priority events in the system so that guards can react with maximum efficiency. Advanced cardholder tracking allows location identification based on access activity. Automatic display of cardholder information at selected access points allows matching of credentials to information stored in the cardholder database. Independent station or operator based configuration allows varied tasks to be streamlined depending on the function of each guard station including partitioning of monitoring, restriction on controls and commands, or full screen map mode for control room status displays.



## Hardware Support

APACS is your gateway to controlling Apollo's full range of industry leading hardware including such standard-setting devices such as the AAN-100 Access and Alarm Network Controller and the AIM-4SL 4-Door Downloadable Interface Module. The intuitive software interface simplifies setting such features as Anti-Passback, Elevator Control and configurable downloading of user data individually for each device. Using Apollo's own AIO-168 Alarm Input/Output Module, zones can be monitored alongside access equipment as well as be used for integration of other external systems. For a complete view of the system, APACS integrates Digital Video directly with access and alarm events, supporting the ApolloVision and ApolloVideo lines as well as products from Bosch, Panasonic and Samsung.



## Human Resources

Don't just assign access to users, take control of your human resources and contractors by maintaining a fully configurable database of user data with customizable, searchable fields. Not only does the APACS system allow 38 native access levels per card, but Smart Downloading only loads cards to controllers where the card has access, allowing maximum memory utilization. Card issuing offices will also appreciate the full badging capabilities with an advanced card design facility. Assign multiple cards and designs to personnel and easily assign access levels according to group assignment. Keep a complete data record with up to 100 user-defined fields for each record that can be used for reports as well as searches. FIPS 201 card enrollment features allow reading of personal information from the card including name and photo in addition to card numbers (System, Site & Credential). Support for easy enrollment methods such as driver's license and passport scanners.



## Enterprise Features

### Digital Video Integration

The APACS Universal Video Interface provides a common configuration and viewing interface for all supported DVR/NVRs. Full integration of video for viewing and control from monitoring station maps and one-click video retrieval from events on monitoring and reporting stations. Hybrid support of IP and standard CCTV cameras; support for a wide range including ApolloVision, ApolloVideo, Panasonic, Bosch, Samsung, Verint, Vicon, Pelco and Milestone products.



### Visitor Management

Full-featured visitor tracking with web interface including pre-registration, full appointment display, escort control per reader and pre-configured reports for an easy overview of guests at your facility. Optional interface for Easy Lobby™ Visitor Management software.

### Advanced Biometric Support

Storage of multiple biometric templates in APACS database with automatic downloading to fingerprint and hand geometry readers. Easy enrollment of users from any badging station. Support for Suprema, Bioscrypt/L1, and Schlage biometric readers.

### Comprehensive Operator History

Ensure a complete audit trail by tracking every action of operators. Selectively track configuration changes, log-on/off and event acknowledgement history. Reporting of actions through pre-configured reports.

## Reference

APACS has been proven around the world at some of the most demanding sites:

**Americas:** Amtrak, Los Alamos National Laboratory, Yale University, Selected Nuclear Power Facilities, United States Army, Mitsubishi, Motorola, Pemex **Asia Pacific:** Air New Zealand, ASB Bank, NZ Post, NSW Police, Hitachi Data Systems, Shell Seraya, Sony Singapore, Singapore Refining Company **Middle East & Africa:** Abu Dhabi British Petroleum, Coca-Cola (KSA, Nigeria), National Bank of Kuwait, Egypt Telecom, Arabian Gulf University **Europe:** Dell Computer Poland, IKEA, AstraZeneca (Sweden, France), Czech Armed Forces, Czech National Police, FOXConn, Estonian National Prison System, ENI S.p.A., Mazeikiiai Nafta Refinery, BTC Pipeline

## Apollo System Highlights

- Full featured reporting including pre-configured reports for Visitor Management and Employee Attendance.
- 38 Access Levels per card. Unlimited System Access Levels, 255 Access Levels per controller. Precision Access and Exclusion for unlimited configuration options.
- 256-bit AES encryption protects all network data communication and database passwords, IPv6 Support
- Support for Microsoft SQL Server, Oracle databases.
- Two door lockout support for mantraps and environmental barriers
- SMTP support for email notification of system events.
- OPC Alarms/Events Client for sending custom messages to APACS from sensor hardware. Writing of OPC Data for control systems.
- Multiple language support. Available in eight languages including Chinese and Arabic.
- Single Sign-on compatible with Windows Active Directory

### Powerful Badging Routine

Full-featured integrated badge design module features advanced photo manipulation including batch image processing and automatic conversion/modification. Multiple card designs per card holder, barcode and mag card encoding.

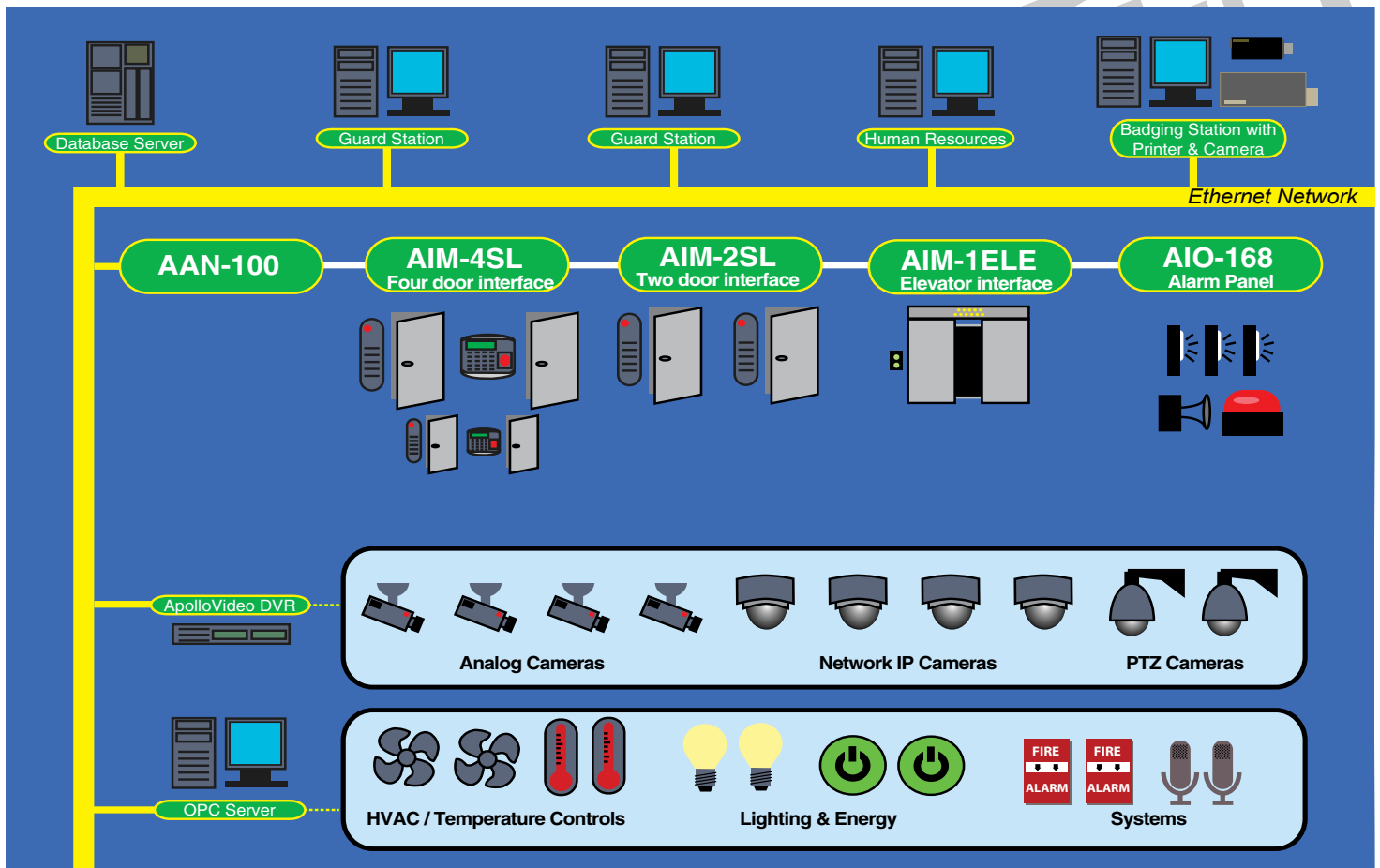


### Global Anti-Passback & Mustering

Full global anti-passback area control including maximum/minimum occupancy, open/close, manual movement by operator, nested areas, hardware reactions by occupancy and instantaneous as well as historical reports. Mustering features for hazardous and safe area control to easily manage evacuation during emergency situations.

### System Requirements

	Database/Hardware Server	Client Station (Monitoring, Badging)
Processor	Intel Xeon 1.88 GHz or higher	Core Duo Intel 1.6 GHz or higher
Memory	2 GB DDR2 667 MHz Memory (minimum)	1 GB Memory (minimum)
Hard Drive (min. free space)	10 GB	5 GB
Network Card	Gigabit Ethernet	Gigabit Ethernet
Graphics card	16 MB Memory XGA	16 MB Memory XGA
Database	MS SQL 2008 (Express included), Oracle 10g or 11g R2 Server	MS SQL 2008 (Express Included), Oracle 10g or 11g R2 Client
Operating System	Microsoft Windows 2003/XP Pro/Vista Business or Ultimate/Win 7	Microsoft Windows 2003/XP Pro/Vista Business or Ultimate/Win 7
Other	Keyboard & Mouse, 1 Serial Port, 1 USB Port	Keyboard & Mouse, 1 Serial Port, 1 USB Port



## APACS Pro

Comprises an advanced security management software package. Integrates access control with digital and analog video equipment, visitor management systems, HVAC and lighting control systems, public address and paging systems. APACS Pro's Reaction mechanism provides a powerful programming interface for unlimited integration possibilities. Includes all features of APACS Standard.

- DVR/CCTV Control
- HVAC & Building Control via OPC
- Reaction/Message Mask Mechanism for advanced software control of hardware and software
- Customized graphic displays according to actual hardware status
- Live Video Verification
- Access Level assignment automatic by Cardholder Group

## APACS Standard

Full featured system control with the added capability of displaying events and state of hardware on interactive graphical maps at the guard station. For easy card issuing, full featured badge design and magnetic card encoding. Full featured Guard Tour using existing system objects.

- Customized interactive graphic maps with user created icons, permissions and storage formats
- Full featured badge design module with advanced photographic manipulation
- Real-time visitor status tracking
- Global Anti-Passback and Hazardous Area Mustering Management
- One-click video retrieval in reports
- Biometric Template Support

### PROGRAM UPDATES - Version 3.7

- Support For Single Copy Protection Key on Server
- Topaz Signature Capture Device Support
- Unified Installer with Automatic Database Upgrade
- Support for Vicon, Verint and Milestone Video Products
- Card Management Utilities for Automatic Expiration and Notification of Cards and Access Levels
- Multi-mask support for multiple system reactions

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