

Version 3.3
 -Schlage biometric reader support
 -Enhanced DVR features



- ✓ Integrated Security Platform
- ✓ Proven Performance
- ✓ 5000+ Installations Worldwide



Because you need to know...

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. 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.

Trusted High-Level Security

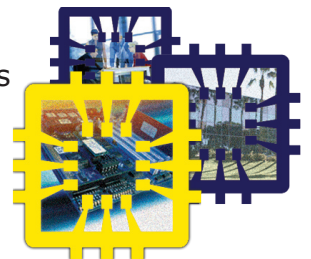
In use at some of the most secure places around the world including military facilities, nuclear power plants and oil industry installations, APACS has been proven time and time again. Coupled with Apollo's superb hardware platform, a more reliable and robust system can hardly be found.

Unlimited System Growth

APACS supports an unlimited number of controllers, readers, alarm and status devices. No need for costly upgrades as your system grows.

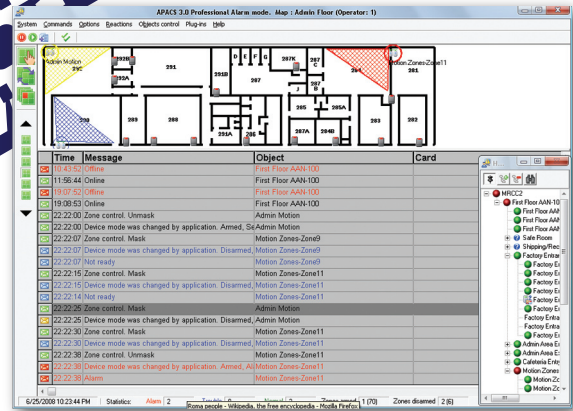
Integration

Don't just manage Access Control, take charge of your entire security system. APACS supports Digital/Network Video Recorders (DVR/NVR) with a consolidated interface, Attendance Reports and Visitor Processing solutions as well as third-party vendor support. Custom features are constantly being developed by the Apollo Development team for further integration.



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 identification of location based on access activity and automatic display of cardholder information at selected access points to allow 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.



Core Components

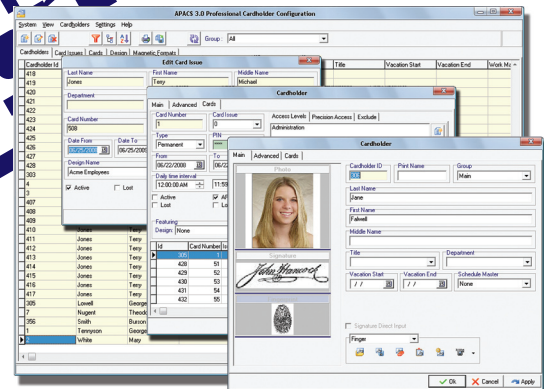
Hardware Support

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 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 and Panasonic.

Human Resources

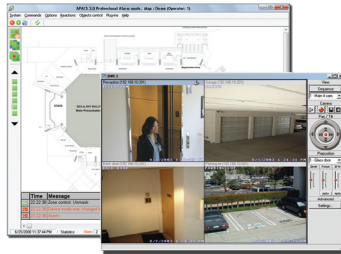
Don't just assign access to users, take control of your human resources and contractors by maintaining a fully configurable database of user data with powerful customizable fields. Not only does the APACS system allow 38 native access levels per card, but smart downloading only loads cards to controllers 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 or change access levels for all cardholders in a particular group or department, eliminating the need for one-by-one assignment. Keep a complete data record with up to 100 user-defined fields for each record including identity and customizable list types.



Enterprise Features

Digital Video Integration

APACS Universal Video Interface provides a common configuration and viewing interface for all supported DVR/NVRs including full integration 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, Bosch and Panasonic 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 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, and Schlage biometric readers.

Advanced Anti-Passback Control

Full area control including maximum/minimum occupancy, manual movement by operator, nested areas, hardware reactions by occupancy and instantaneous as well as historical reports.

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 as well as database passwords
- Support for Microsoft SQL Server, Oracle and Firebird databases
- Two door lockout support for mantraps and environmental barriers
- SMTP support for email notification of system events.
- Advanced elevator control with support for up to 128 floors with custom names.
- Multiple language support. Available in six 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.



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 convenient pre-configured reports by authorized users.

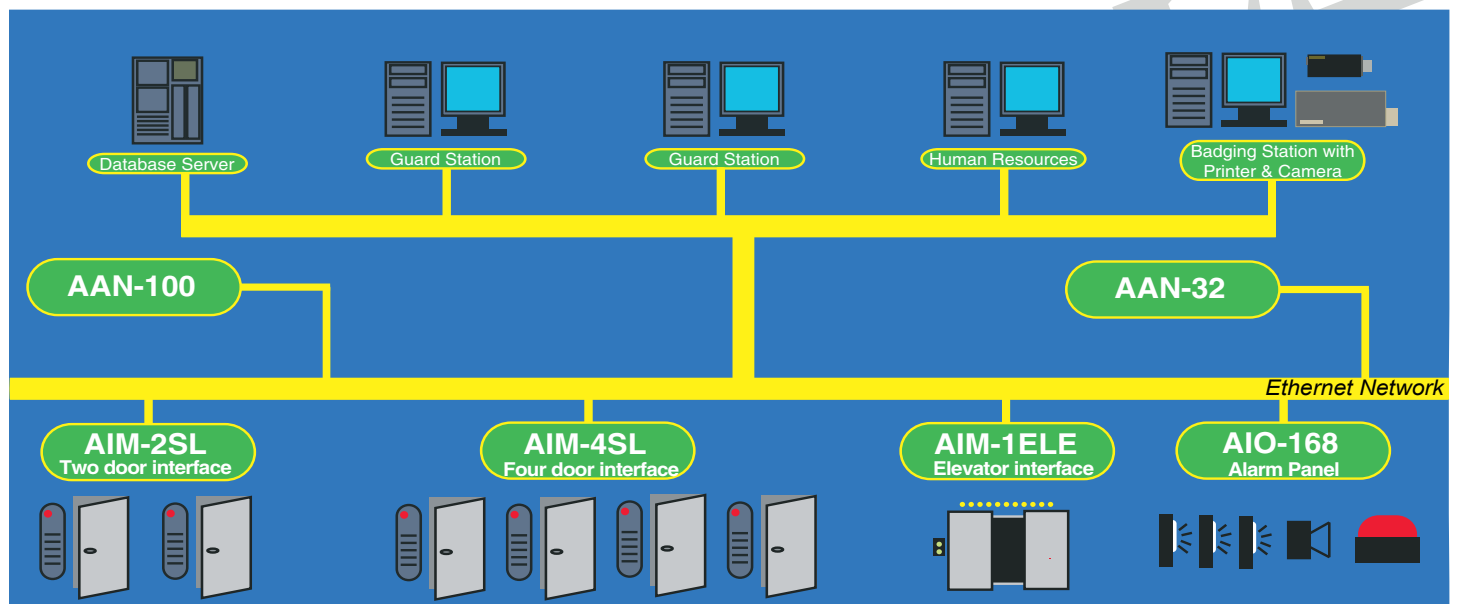
Reference

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, Astra Zeneca (Sweden, France), Czech Armed Forces, Czech National Police, FOXConn, Estonian National Prison System, ENI S.p.A., Mazeikiiai Nafta Refinery, BTC Pipeline

System Requirements

	Database/Hardware Server	Client Station (Monitoring, Badging)
Processor	Intel Xeon 2.16 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	Firebird (included), MS SQL Server, Oracle 11g Server	Firebird (included), MS SQL 2005, Oracle 10g or 11g Client
Operating System	Microsoft Windows 2000/2003/XP Pro/Vista Business or Ultimate/Win 7	Microsoft Windows 2000/2003/XP Pro/Vista Business or Ultimate/Win 7
Other	1 Free USB Port	1 Free 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 and Lite.

- DVR/CCTV Control
- HVAC & Building Control Integration
- 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 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. Includes all features of APACS Lite.

- Customized interactive graphic maps with user created icons, permissions per map and configurable priority
- Full featured badge design module with advanced photographic manipulation
- Real-time visitor status tracking
- Independent polling on-line hardware status
- One-click video retrieval in reports
- Biometric Template Support

APACS Lite

Provides basic reliable access control functions. Features text-based event display, alarm linkage at the hardware level, event retrieval and sorting, elevator control and many other functions.

- Hardware level customized linkages
- Advanced Anti-Passback control
- 38 Access Levels per Card
- Elevator control with up to 128 floors
- Multiple cards per cardholder
- Up to 100 user fields in cardholder records
- Pre-defined reports, customized reports

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