

# APOLLO APACS Lite / Std / Pro

## Windows Multi User Access and Alarm Management Program

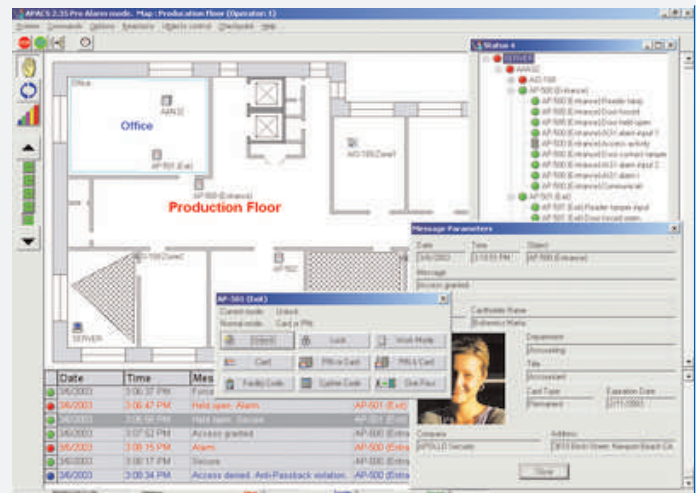
**A**PACS Windows based network alarm/access management system provides an easy and user friendly environment for operating and processing of access and alarm information when used with AAN-4, AAN-32 or AAN-100 type multiplexers. When installed, up to 32 Windows 2000/XP workstations can be assigned to operate the system. The APACS PRO includes alarm colorgraphics maps, video badging, and basic time and attendance at no extra cost.

The APACS PRO provides support for up to 16,320 readers(various reader technologies), 255 access levels, 128 time zones per controller with 6 intervals per time zone as standard.

The APACS supports configuration of all field devices, access levels and time zones. These parameters are downloaded to the AAN-32/100, or the AP-500 downloadable reader over the communication link. Additional user defined database fields can be entered by the user to provide supplemental cardholder information.

The APACS supports on-line logging of access and alarm events when connected to the AAM or AAN controllers. Upon establishment of communications, the controller sends all buffered access and alarm events to the PC. The program stores the events on disk and formats them for later recall or for the logging at the selected printer. The APACS program provides recall of stored events. Events can be retrieved by access type, alarm type, card number, cardholder, date/time, and reader.

The AAN controllers, with the APACS, provides complete flexibility in allowing field configuration of card and database formats.



**APACS** provides the following user-configured features :

- MS Windows multi-user operating environment
- TCP/IP protocol/Network support, communicates directly via TCP/IP to controllers
- Windows 2000/XP
- Event storage are only limited by disk capacity
- Time activated reader modes
- 2 card control /2 man control
- Elevator control with feedback
- CCTV system interface
- Online device status
- Integrated graphic map display included
- Integrated badging included
- Basic time and attendance included
- Recall of events over a user defined time interval
- Alarm zone grouping/group arming/disarming
- Inputs to outputs linkages
- Live video verifications
- Actions to keyboard assignments
- Database segmentation
- On screen reader control in alarm mode
- Guard Tour (optional)

# APOLLO

3610 Birch Street, Newport Beach, California 92660-2619 USA

Tel 949-852-8178 Fax 949-852-8172

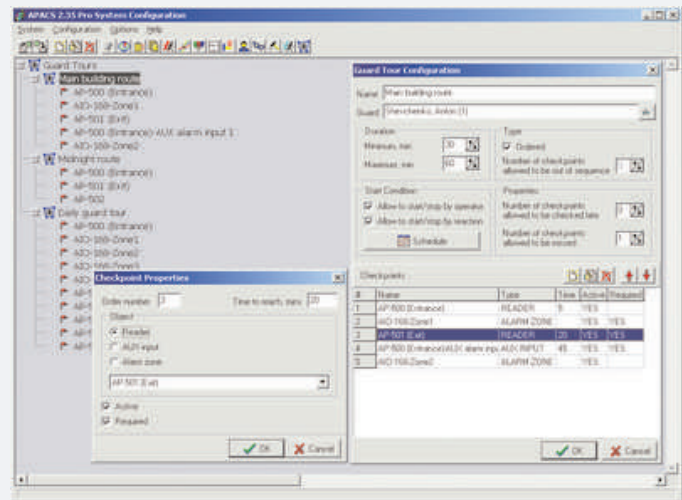
Email [apollo@apollo-security.com](mailto:apollo@apollo-security.com) Website [www.apollo-security.com](http://www.apollo-security.com)

## ▶ APACS SYSTEM CONFIGURATION

Using this administrative tool, system configuration is edited - adding and configuring hardware components (workstations, control and alarm panels, readers) defining access levels, time zones, and maps.

Most graphics software packages will create maps for alarm display. All map objects have individual names and icons so guards can easily identify alarm type and location. The operator level function is helpful to organizations with multiple departments. The administrator selects the devices operators can control or monitor, the reports they see, and the cardholder groups they manage.

System information is laid out in the clear hierarchical tree. Configuration is done by multiple choice when possible. To eliminate possible errors, the software verifies entered data for compatibility. Quick reference on-line help is provided for every field, button or selection.



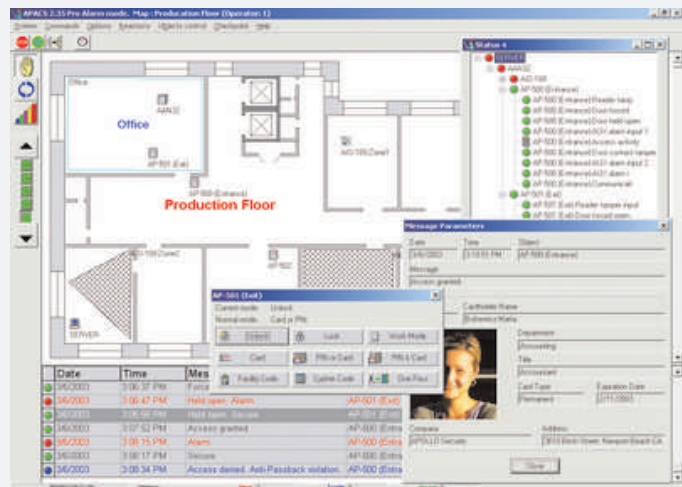
## ▶ APACS ALARM MODE

\* Map is only available to APACS Std & Pro

This module, usually installed in a guard's computer, can display system events on graphic maps or in a text string mode (or both). Messages are color-coded to indicate type of events. Screen icons representing field devices change to show alarm status. For multi-storied buildings or territory too large for one map, maps are shown sequentially by event priority or by operator selection.

The operator can control system devices (readers, cameras, etc), or arm/disarm zones with a simple click on icons or hot keys. A touch screen is also supported. In addition to manual control, any event can automatically trigger an action, e.g. software sends important event messages to pagers, ensuring immediate response by security personnel. It can activate audible alarm warnings or bring up live video images to the PC screen.

The alarm module also records all events and operator actions in the database. **Digital video is supported.**

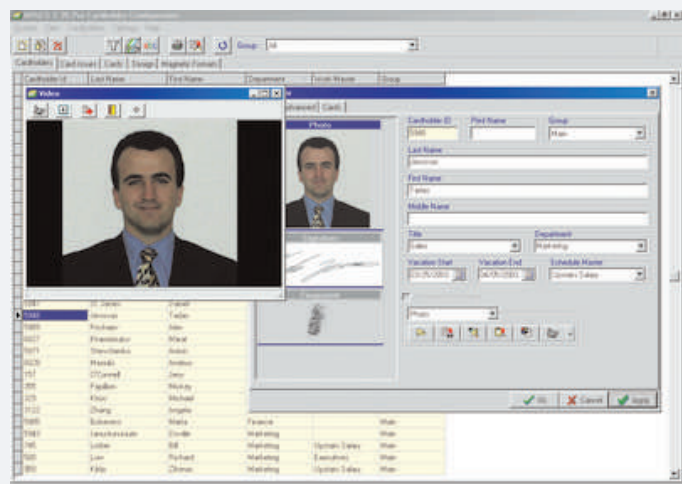


## ▶ APACS CARDHOLDER DATABASE

The cardholder module enables operator to:

- Enter cardholder data in standard fields: name, title, department, access level
- Use up to 255 additional fields tailored to company's specific needs
- Capture photo, design, and print badges
- Generate cardholder reports filtered by any database fields

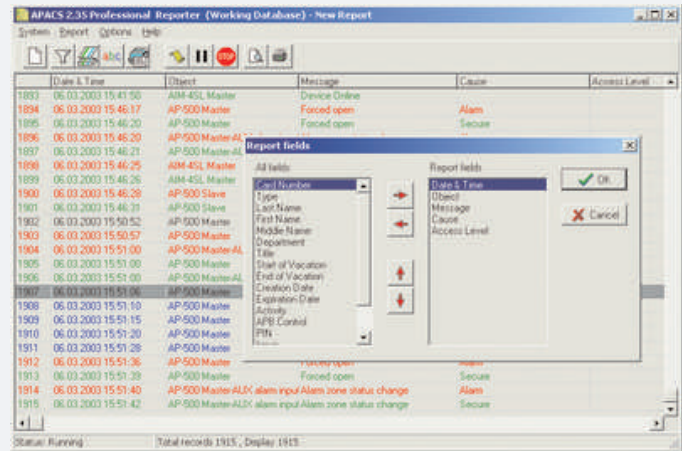
Cardholders can be assigned one or multiple access levels. The database can be segmented so that only operators assigned a specific cardholder group can view and modify records within the group.



## ▶ APACS REPORT GENERATION

**S**ecurity system records four main event types: access, alarm, communication, and operator actions. The Report Generation module can provide custom event reports. The software can sort and filter a report by any database field (event type, date, system device, card type, or cardholder). The number of report fields, as well as the order of their appearance is configurable. For the convenience, report parameters can be saved as a template for future use. Reports can be previewed prior to printing or exported as text files.

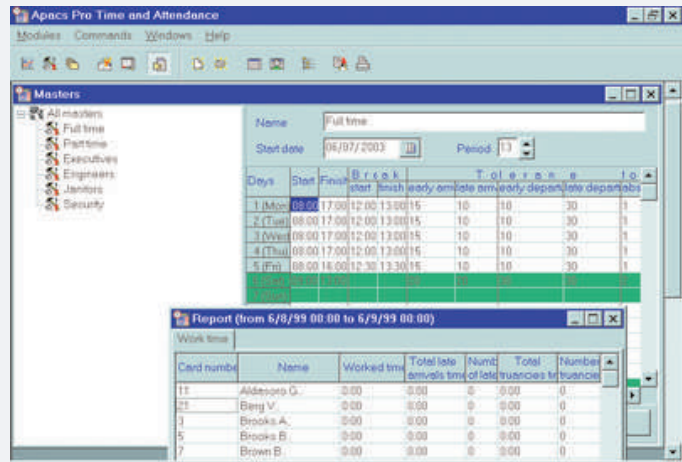
External Reports module includes Mustering, Cardholders Trace, Readers Trace, Alarm Zones Trace, Cardholder by Readers, Readers by Cardholders, Access Level by Reader, Access Level by Cardholder, Elevator Access Level by Floor, Hardware Configuration, Time Zones Configuration, Operator History and Guard Tours reports.



## ▶ APACS TIME & ATTENDANCE

**T**he same readers used for access control can serve as time and attendance readers. Employee work-time is automatically calculated when a card is presented at entry and exit points — employees don't clock in or sign in. Usually the time and attendance module is installed in an Accounting Department PC and used to generate work time reports. The feature is useful for employee supervision, as the software records absences, overtime, early departure, or tardiness. It can give different rights to every operator, so they can see only certain cardholder groups.

Each employee's work schedule is stored in the database. Templates of various schedules can be saved and used to create timetables for new employees.



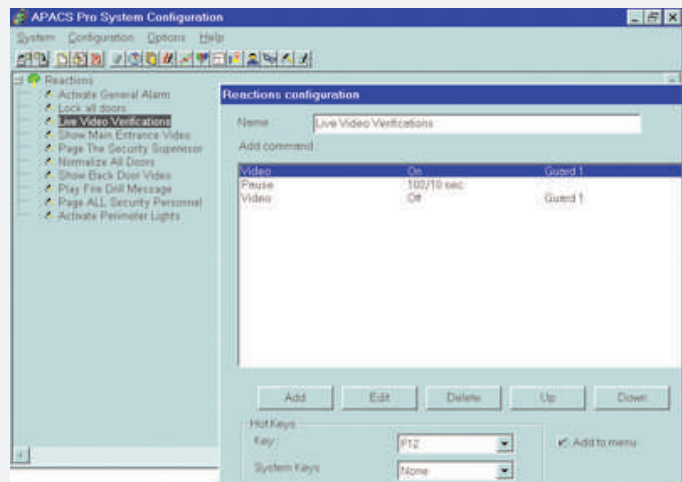
## ▶ APACS REACTIONS

\* Reactions is only available to APACS Pro

**A**utomatic reactions to specific events can be set with this software. Any event type, time zone, card, or PIN can trigger a reaction. Possible reactions can be CCTV control by signals from readers or alarm inputs, HVAC and lightning control by time zones, audible alarms to operator, transmission of alarm messages to pagers, roll call, execution of external programs or activation of external systems.

The reactions can be unconditional - immediate response to specified event, or conditional - an operator will be prompted from a list of possible reactions. Should the operator not select, a default reaction is performed.

The reaction software eases operator workload and increases security by ensuring that important events will be noted.

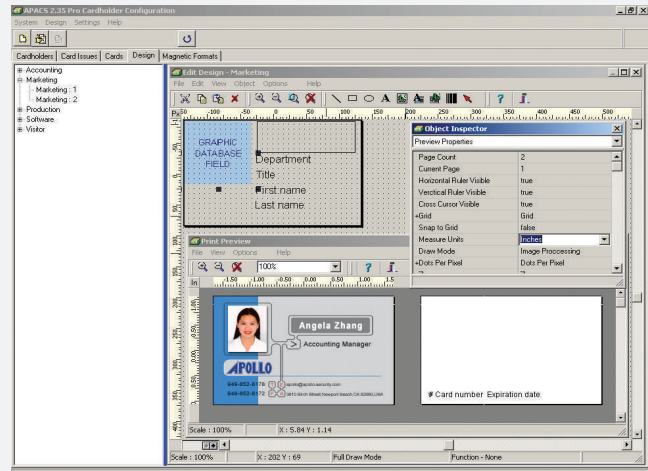


## ▶ APACS PHOTO BADGING

The cardholder module has a built-in badging feature. Simple and user-friendly, an inexperienced operator can quickly design and print access cards. The operator need only place a photo and selected fields from the database (name, department), static text (e.g. company address), import graphic files (background, company logo), and the card is ready for printing. The design can be saved as a template for future users.

A cardholder photo can be captured with a video camera or imported from a file. The software supports major printers. Detailed information sheet is available.

\* Photo Badging is only available to APACS Std & Pro

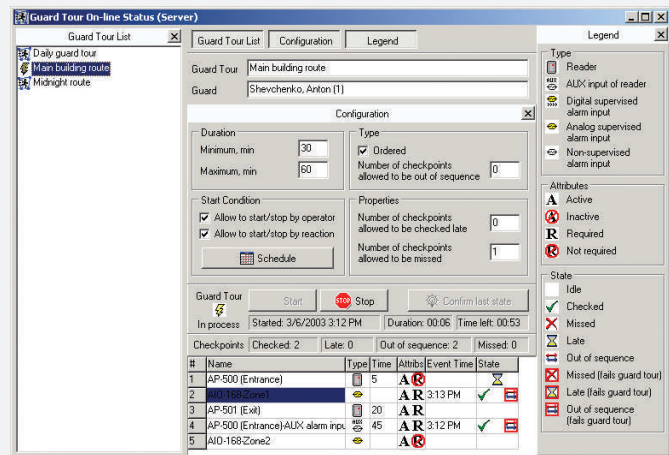


## ▶ APACS GUARD TOUR (OPTIONAL)

Apollo introduces **APACS** Guard Tour (GT), a new add-on module to the APACS 2.35 Pro. APACS Guard Tour is a dependable and accurate data collecting solution. It enables the the real-time tracking of the guard's movements and provides professional reports as the evidence of the successful completion of the guard's work.

Many GT systems use hand-held devices with built-in memory, which must be connected to a PC upon completion of a tour. In order to collect real-time data with the help of APACS GT, it is possible to use the card readers and the alarm inputs of Access and Alarm System. Consequently, the operator at the PC gets immediately notified if the guard has not arrived to a scheduled checkpoint on time. Such an arrangement increases the security of the system and the safety for the guards, as well as provides the chief security officer with valuable reports as a confirmation that the GTs are conducted correctly.

\* Guard Tour is only available to APACS Pro

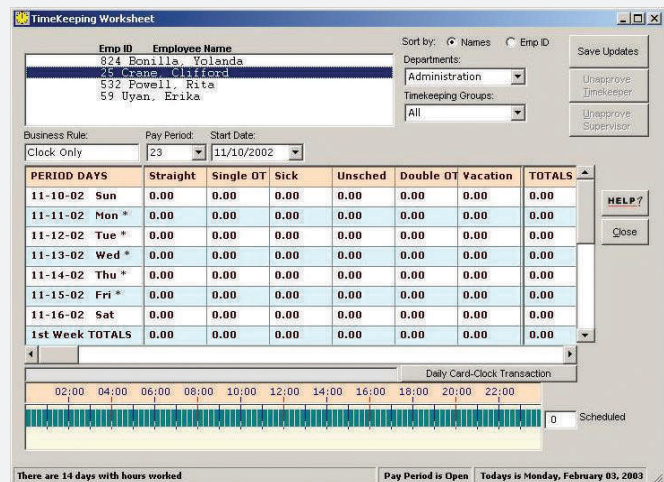


## ▶ LEXTIME TIME & ATTENDANCE

LexTIME is simple and user-friendly software for work time calculation. It includes all the major time keeping functions:

- Configuration of payroll policies: overtime rules, pay rates, absence rules, grace periods, holidays, and schedules.
- Registration and processing of transactions.
- Application of payroll policies, company-wide or by department.
- Report generation: Absence, Tardiness, Estimated Payroll, Payroll Hours, and Monthly summary reports.
- Export of reports to various formats: Coma Separated Values (CSV), Tab delimited text (TXT), dBase (DBF), Excel (XLS), Crystal Reports (RPT), Data Interexchange Format (DIF), HTML, Lotus 1-2-3, Rich text format (RTF) and MS Word (DOC) formats.
- Manual correction of transactions.
- Operator history reports.

LexTIME is compatible with Apollo APACS access control software version 2.35.



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Tel 949-852-8178 Fax 949-852-8172

Email apollo@apollo-security.com Website www.apollo-security.com