



TECHNICAL FEATURES





H & R Alarms, Keyscan Systems offer you and your business, security for a changing world. Our products provide you with the ability to totally control access to certain areas, by access privilege, time of day restrictions, as well as place a hold on employee access privileges until a supervisor or manager as arrived on site.

These features alone are incredibly powerful.

Consider the following:

- performing a facility or area lock down from any PC or Keyscan reader
  - bringing motion detectors, glass breaks, door contacts, panic buttons into Keyscan to track and assign alarm conditions from a single interface
  - calling up live video in the event of an alarm condition
  - triggering a wide range of devices using Keyscan auxiliary relay outputs to trip such items as sirens or strobes all based on certain events/conditions
  - arming or disarming a security panel via the access control system
- creating a map with active icons to annunciate system status, control doors call up video, show employee photos as they pass through protected doors and much more





System VII delivers all the features and functions expected in a premium access control solution but without the complication. Keyscan is known for developing feature rich access control management software that is logical, with ease of use considered for both the end-user and the installing technician. Seasoned installers, novice users and corporate security directors all rave about the simple yet powerful Keyscan access control management software.

### Single Page Interface

- System VII's Card holder screen provides the end-user with a single page interface for enrolling and assigning access levels. System VII delivers logically placed information for easy reference and entry.

### Single button handicap feature

- Address the concerns of individuals that may need more time to pass through doors. Simply click the single button handicap feature to apply the handicap timer.

### CARD import feature

- Import card holder information from an existing database or excel file and save on data entry. A CSV file formatted for Keyscan's data structure is all that is required to leverage this efficiency adding tool. Imports may be scheduled to update changes from a human resources database. Allowing end-users to simply manage one database.

### Last card transactions

- With System VII, open a card holder file and instantly view the card holders last transactions. A convenient tool to quickly determine if a card holder is in the facility, and where the credential was last used.

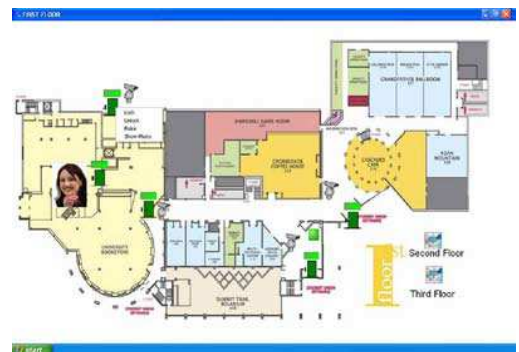
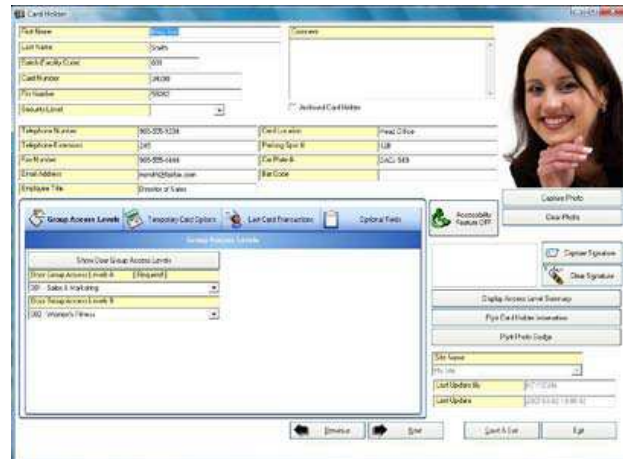
### 21 Personnel fields

- Users are provided 21 fields to record various personnel data such as first name, last name, department, parking spot and special comments. There are 10 completely user definable fields. All fields are searchable for report generation.

### Active Mapping (K-CM Option)

System VII provides a powerful active mapping software module. System VII's K-CM provides security personnel or system administrators with unprecedented tools to perform their jobs efficiently and effectively. The all new Active Mapping module provides visual representation of active sites, with building floor layouts, and annunciates, real-time on screen, door status, alarm points and input status. Camera locations can also be identified on the map with active camera icons providing an instantaneous link to the live camera feed for that building location and camera. Power users of the active mapping module will appreciate the multi-map capability with map linking ability.

- Call up live video straight from the Active map
- Visual alarm point notification
- View on-file photo identification for any entry point
- Manually lock or un-lock doors
- Arm or disarm inputs
- Multi-map linking functionality





- **SQL Server 2005 Express Database**

System VII provides the latest in database technology behind the Keyscan access control system. 4GB of database storage provides ample historical information for all but the largest installations.

- **Scheduled Database Backups with Email Notification**

Automate database backups with System VII. Configure the day(s) and time for backups to occur and benefit from System VII generated email notifications.

- **2 Levels of Disaster Recovery**

Level I – Recover the Keyscan access control database quickly and efficiently by restoring from a previous database backup.

Level II –Rebuild the Keyscan database by downloading data from the systems access control units.

- **Multi-Monitor Support**

Build impressive building or corporate wide monitoring stations with System VII.

- **Multi-Communication Managers**

Optimize system wide communication speed and performance by running multiple communications managers on a single computer or server. Large sites with many controlled doors will benefit from faster ACU polling times.

- **PC or Server Failures**

Keyscan's access control solution delivers full independent operation without degradation in the event of access control PC or server failure.

- **User Screen Layout Preference**

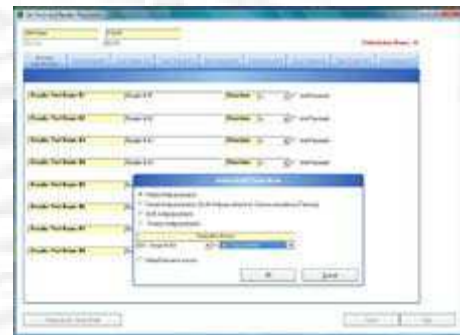
System VII is designed to recall the user's last screen and access control windows configuration. Whether it is single monitor or multiple monitor get the look and orientation that suits the task.





## Management and transaction Reports

- Point and click error proof report generation on virtually any and all site activity
- Specify the day and time for the desired report and let System VII take care of the rest..
- Auto email important management reports with no user intervention required.
- Save frequently used report templates
- Ideal for statistical analysis or activity investigations.



## IOCB1616

- Integrate additional security and building components into the access control system with 16 inputs and 16 outputs per IOCB1616.
- Connect up to four IOCB1616 circuit boards per access control unit.
- Assign multiple input devices such as motion detectors, push buttons, or other sensing devices
- Trigger outputs such as CCTV cameras, alarms, lights, HVAC and Other systems
- Schedule activation and deactivation of selected inputs or outputs (IOCB1616 not supported on CA200)
- Anti-Pasback
  - Prevent security loopholes by Implementing card Anti-Passback
  - User selectable APB modes to suit a range of security levels
  - Executive access provisions exempt Specified groups from the APB restrictions





## K-TV – CCTV Integration Module

This software module provides the ultimate in integrated security. The incredibly user friendly System VII interface allows for seamless integration with access control and the CCTV platform. Whether the CCTV Platform is RS232, Web-enabled or DVR driven, System VII delivers purpose and function in one clean interface.

**Alarm Video Retrieval** - Click on an alarm event and immediately view the applicable video. Respond to Alarm events knowing what awaits you.

**Live Video Feed** - Run the live video feeds directly from System VII. Monitor the ongoing site activity at a glance. With the enhanced Multi-monitor functionality, have live video running on one monitor and the System VII running on another to deliver a true organization command centre.

**Historical Video Retrieval** - System VII allows you to call up old alarm events and instantly view the associated historical video. Search video by date and time. Simply select the camera and go.

**Camera Alarm Presets** - Alarm points can be set to trigger the System VII CCTV screen and force the closest camera to the alarm point using defined PTZ presets. Allowing instant viewing of an alarm point without requiring the operator to manually input PTZ commands.

**PTZ Control** - While viewing live video the operator can choose to manually adjust the PTZ controls within the System VII access control management software. One Application – Total Control.

**Multiple CCTV screens** - Monitoring multiple cameras or possibly multiple DVRs is no problem for System VII's CCTV integration module. Enjoy the ability to view multiple System VII CCTV screens open simultaneously.

## Supported DVR's

ATV (Falcon), Bosch (DiVAR), Capture (CPT-IDR4816), Dedicated Micros (Net Vu), GE Security (DVSe, SDVR, DVMRe), General Solutions, Honeywell (Fusion), Open Eye (DVR x series, DVR Xr Series), Pelco (DX8000, DX8100) and Toshiba (Surveillix) digital video recorders. This list is subject to change without notice as DVR manufacturers may alter specifications. Contact Keyscan to ensure availability of current DVR driver



**OVERVIEW OF THE FEATURES IN EVERY KEYSKAN SYSTEM**

PANEL NAME	CA 200	CA 4000	CA 8000	EC 1000	EC 2000
DOOR OUTPUT RELAYS	2	4	8	NA	NA
CARDS	32000	32000	32000	32000	32000
TRANSACTION FILE BUFFER	6000	6000	6000	6000	6000
TIME ZONES	256	256	256	256	256
TIME SCHEDULES	512	512	512	512	512
GROUP LEVELS	511	511	511	511	511
HOLIDAY DATES	64	64	64	64	64
VISITOR CARD	YES	YES	YES	YES	YES
READERS	2	4	8	1	2
KEYPADS	2	4	8	1	2
READER DOOR INPUTS	2	4	8	NA	NA
EXIT BUTTON INPUTS	2	4	8	NA	NA
ALARM OUTPUT RELAYS	2	4	8	NA	NA
AUXILIARY INPUTS	8	16	16	NA	NA
SUPERVISED INPUTS (OPTIONAL)	NA	32/64	32/64	NA	NA
IOCB 1616 SUPERVISED INPUT/OUTPUTS (OPTIONAL)	NA	16-64	16-64	NA	NA
POWER FAIL OUTPUT	YES	YES	YES	NA	NA
ELEVATOR CONTROL	NA	NA	NA	1x40 Flrs	2x16 Flrs
FLOOR MONITOR INPUTS	NA	NA	NA	YES	YES
CONTROL PROCESSORS	2	2	2	2	2
MANUAL RELAY OVERRIDE	YES	YES	YES	YES	YES
INDIVIDUAL TIME ZONES PER DOOR/READER	YES	YES	YES	NA	NA
INDIVIDUAL TIME ZONES PER FLOOR	NA	NA	NA	YES	YES
DIAL-UP MODEM ON REMOTE ALARM	YES	YES	YES	NA	NA
TIME ZONE CONTROL ON KEYPAD/READER USE	YES	YES	YES	NO	NO
MULTI SITE CARD WITH BATCH/FACILITY CODE	YES	YES	YES	YES	YES
SERIAL COMMUNICATION	YES	YES	YES	YES	YES
DIAL-UP COMMUNICATION (OPTIONAL)	YES	YES	YES	YES	YES
LAN/WAN COMMUNICATION (OPTIONAL)	YES	YES	YES	YES	YES
ADD ON SUPPRESSOR KIT REQUIRED	NO	NO	NO	NO	NO

KEYSKAN'S INTEGRATION AND DYNAMICS ALLOWS COMPANIES TO START WITH A SMALL SYSTEM AND GROW TO A FULL NETWORK OF SECURITY AND BUILDING MANAGEMENT.