

## Feature Summary



**Microsoft Vista™ Compatible:** System VII runs on Windows 2000 and XP pro and is completely Microsoft Vista (Business edition) ready.

**Multiple Card Formats:** The ability to read most competitors HID proprietary card formats. The ability to reader multiple formats and the same system at the same time. Hardware is available to show bit format of any existing HID card though LED read out. Current formats are 26, 29, 30, 32, 33, 34, 35, 36, 37 and 40. Additional formats may be added by request.

**Scheduled and Manual E-Mailing of Reports:** Reports can be created and scheduled as well as emailed as a .PDF without operator action.

**History Report Formats:** History reports are savable as a .PDF (Acrobat Reader) and .CSV (Excel).

**Report on Deleted Card Holders:** History reports may be run on cards or individuals that have been deleted from the cardholder database.



**Microsoft SQL 2005 Express Database:** All Photo badges pictures, photo badge templates, visitor management templates, active maps are stored in the database. The SQL Express database provides 4 Gigabytes of secure data retention.

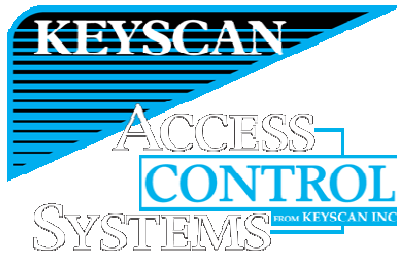
**Unlimited Sites per Database:** Separate sites may be created within the database to restrict software users to access data for individual locations or to manage multiple customers from a central location or central station. Each site is capable of supporting 32,000 card holders.

**Scheduled Backups:** The system has the capability to perform a full backup on a schedule. The backup will occur without operator intervention provided the backup destination (path) is valid. An email can be sent if the scheduled backup fails.



**Full Migration from System V to System VII:** System V's MSDE database may be migrated to System VII using the System VII Database upgrade utility.

**E-mail Alarms:** Any alarm or card read may be emailed to any internet ready device. Database photos of individuals may be attached to the access granted or



access denied card reads. Up to six individual cards may be e-mailed to different addresses upon usage.

**Dual Processors:** All panels remain fully operational during data transfers.

**Context Sensitive On-line Help:** By pressing F1 on any screen, the applicable help screen is displayed.

**Daylight Savings Time:** Changes to the internal clock occur at 2:00am on the third Sunday on March and the first Sunday in November. The system does not rely on the computer to perform this change.

**Not Used Since:** A sort may be performed on the cardholder database to display only those cardholders, which have not used a card on any reader in the system since a user defined date.

**Pre-Alarms:** It is possible to trip a relay at half the duration of a propped open alarm to alert individuals that the door is open prior to an alarm being generated.

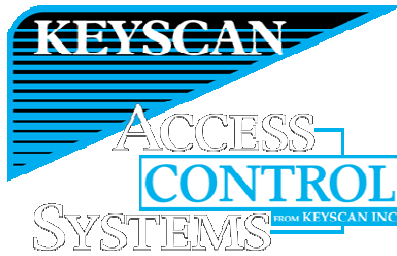
**Timed Pulse:** A one-time event may be activated to unlock any given door immediately and automatically relock the door at a selected time. Useful for deliveries and any other one-time events.

**Card Number Readout:** Batch and card numbers may easily be seen within the software when read on a card reader. Useful for cards or fobs where the number has worn off.

**Easy Card Enrollment:** An unknown card can be enrolled in the system avoiding the need to type the card and batch number. Present the card to a reader and view the online transactions then add the denied card to the system.

**Three Holiday Types:** One of three different time schedules may be applied to any given date. (E.g. Christmas, Thanksgiving, New Year's Day etc., the door does not unlock, the day before Thanksgiving, Christmas eve, President's Day etc., the door unlocks from 8 to 1 and on the Christmas party the door stays open until 11pm.)

**Card Countdown:** It is possible to assign a number of uses to a card. When the card has been used the given amount of times, it will automatically deactivate.



**RF/Prox Transmitter & Receiver:** Two and four button RF transmitters with unique batch and card numbers with 100-foot open field range. Devices will also operate standard HID or Indala readers. Card and RF numbers are encoded the same for one database entry. Multiple buttons are provided and may be addressed to separate receivers.



**Multi-Monitor Support:** Based on the configuration of the PC System VII can support up to 8 monitors simultaneously. Have the client main screen on one monitor, Active mapping displayed on the other and CCTV cameras displayed on yet another.



**Multiple Screen Capability:** Allows for one fully adjustable alarm window, three independent fully adjustable online transaction windows with corresponding photo display and multiple CCTV windows limited only by the chosen DVR capabilities.



**Screen Configuration Preference Recall:** When individuals login to System VII their preferred screen orientation will be displayed. The screen layout is saved each time they logout of System VII.

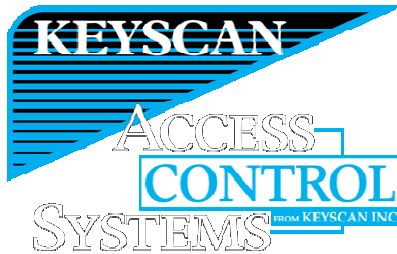
**Unlimited Reader Capacity:** The Keyscan system can be expanded to an unlimited number of readers by adding panels. (CA200, CA4000, CA8000, EC1000, EC2000)



**High Resolution GUI:** Optimized for 1024x768 resolution



**Advanced Active Mapping (Add-on Module K-CM):** Allows for status and control of the system from an active (real-time) floor plan. Display Doors icons with full real-time status of lock and door contact status with cardholder image display option. Insert Aux inputs, Aux outputs, IOCB 1616 inputs and outputs icons as well as CCTV cameras. Active mapping allows for active map linking to support map drill down functionality. Permits filtering of transactions to individual windows. Ideal for monitored systems.



**Scheduled Database Updates:** New employees entered into an ODBC database (Human Resources) may automatically import into the Keyscan database to avoid dual entry.

**Database Import:** It is possible to import an existing database to populate the card holder information. Any ODBC (Open Database Connectivity) compliant database (e.g. Excel) is acceptable.

**Handicapped Feature:** The system has the capability to energize two relays with a 0.5 second delay on cards software selected as handicapped cards. The first relay is used to release the magnetic lock while the second relay operates a door motor. Non-handicapped cards will release the lock only. It is possible to give cards deemed as handicapped cards additional strike time and/or held open time.

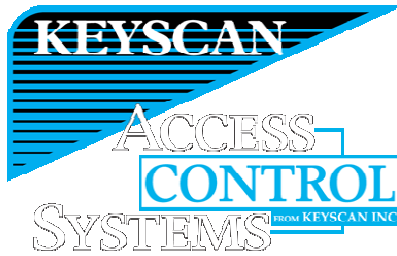
**First Person In:** If a door is scheduled to unlock at a given time, it will not unlock until an authorized card is read (snow day feature). The feature may also be used to restrict employees who are not allowed in until an authorized person reads a card.

**True Multi-client software (K-CL option):** All software comes with 2 concurrent user licenses. Software is expandable in single concurrent user license increments to an unlimited number of users.

**Local Anti-passback with Hard, Soft Timed and Executive Modes:** Using in and out readers, require that cardholders read properly whenever entering or exiting the building. The system will not allow two reads in the same direction one after the other from the same card (hard), or it will allow a second read but creates an alarm (soft), there cannot be two reads on the same reader during a period of time (timed). Executive mode means that certain access levels ignore the rules.

**255 Site Codes/Unique Card Numbers:** The System will accept up to 255 different site codes to facilitate the speed of card reorders. All Keyscan 36 bit cards are guaranteed unique. Duplicate batch/card numbers will not be sold.

**Contactless Smartcards:** Fully compatible with HID iClass smartcards and readers. Increases security of cards and adds read/write capabilities.



**Panel Communications as a Service:** The default installation of the communications manager continues to be as an application. With System VII the communications manager may be installed as a service.



**Multiple Communication Managers on a Single PC:** Benefit from running multiple communication managers off of a single PC. Extremely beneficial for optimizing system wide communication and polling speeds for systems that exceed 96 readers while reducing the number of PCs required.

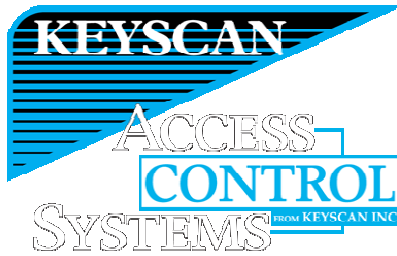
**Output Module** (Optional module K-OM): System VII will output all system activity to a file and path assigned by the end-user. Ideal for integration with other third party applications.

**Lockdown Utility:** Establish a facility lockdown in seconds initiated from any reader or System VII client.

**Disaster Recovery:** If the database is lost and there is not a good backup available, the software may be populated from the panels. You can retrieve the first initial of the first name, the first 8 characters of the last name, a; the card data, all the access data, all the time zone data, all the panel data and the most recent 6000 events per panel.

**Present 3:** By presenting an authorized card at a selected reader with 3 consecutive passes you may either toggle a door lock or toggle a time zone. The benefit is added system flexibility since Present 3 allows invoking system controls using a card instead of having to be at a computer with a client module. Present 3 is ideal for locking/unlocking doors, initiating a facility lockdown, arming/disarming points, locking out other cardholders, implementing supervisory override, or controlling devices like lights or HVAC.

**CCTV Integration** (Add-on module): The system is able to integrate with Toshiba, Pelco DX8000, Bosh DiVAR, Dedicated Micros, Honeywell Fusion, Open Eye, Capture, GE Interlogix and Digital Watchdog. Basic control of the DVR may be accomplished from the Keyscan application. Actions on the access control system may cause one or more cameras to appear automatically in the Keyscan Software. Alarms in Keyscan may be immediately display video of the alarm occurrence in real time or history without the need to search the DVR.



**Photo Badging** (Add-on module): Complete photo badging capability. Photo-verification show anywhere from 1 to 11 photos of recent entries into one or more doors to confirm the individual is the cardholder of record.

**Visitor Management** (Add-on module): Replaces paper sign-in books with computer-based visitor management. Allows complete reporting. Prints custom designed visitor badges with visitor's photo (optional). Prints custom parking passes. Allows remote scheduling of visitors across LAN/WAN. Sends an e-mail to the employee when the visitor arrives.