



# Software Guide

# SYSTEM

# Access CONTROL

# MANAGEMENT Software

Engineered to meet today's demands and tomorrow's challenges, Keyscan's System VII software delivers unique features to provide an access control solution that is second to none. Keyscan's hardware and software engineers are driven by innovation. System VII features and integration tools are continuously added to ensure that Keyscan products are always on the cutting edge of technology. Integration between CCTV applications, intrusion alarms, and photo verification make System VII a complete access solution across many levels of security. System VII is completely scalable and can be optimized for two doors or hundreds of doors, at a single site or multiple sites. Keyscan has been developing world class access control hardware and software for over 25 years, and System VII has been specifically engineered as the software cornerstone of Keyscan's product line.

## Basic Software Features

System VII offers a wide range of features to help secure any facility with ease. Specifically engineered with the end-user in mind, System VII intuitively organizes information to save time, and reduce click-throughs. Even the most advanced features are designed to be completely user friendly, while still impressing the seasoned access control professional.

## Active Mapping

Included with System VII basic software, the Security Command Module, with its Active Mapping, Alarmwatch and Guard Tour components, brings system efficiency to a whole new level. The active mapping capability provides visual representation and control using building floor plans, door status, alarm points, and input status. CCTV cameras can also be incorporated on the map providing an instantaneous link to the camera's live feed.

When used with the K-BADGE add-on module, users can view photos of any card holder presenting their card directly from the map. And, for larger sites, increase monitoring capability even further with multi-map linking functionality.

## Save Time Adding Access Cards

System VII's card holder screen allows the user to enroll a card, assign access levels, capture a photo and view last card transactions all from a single page interface. All information is organized for easy enrollment, changes, and management.



## 21 Personnel Fields

Users are provided twenty one fields to record various personnel data such as first name, last name, department, parking spot, and special comments. Ten of these fields are completely user-definable and all fields are searchable with System VII's point and click report generation tool.

## Card Import Feature

Easily import card holder information from an existing database (via CSV file), and save time on data entry. Imports may be scheduled to update changes from a human resources database, allowing end-users to manage one database with ease.



## Single Button Accessibility Feature

Some cardholders require more time to pass through doors. Simply select the accessibility feature found on the card holder screen, and allow the individuals the required time to pass through the door. Seamlessly integrate with a motorized door opener by utilizing Keyscan hardware and have the door open automatically when the card holders present their credentials.

## Report Generation

All system activity can be reported with System VII's extensive report generation options for virtually any site activity. Point and click report generation places instant information at your fingertips. Plus, setup System VII to automatically email any report for ultimate convenience.

## Anti-Passback

Prevent security loopholes by implementing System VII's card Anti-Passback feature wherever there is concern of tailgating or cards being passed between individuals. Executive mode provides alternate permissions to be specified for management or other exempt user groups.

## First Person In

This feature ensures there is a manager or supervisor on-site before allowing employees into a facility. This provides protection against unauthorized access.

## Facility Lock Down

This utility allows administrators to lock down a facility on a moments notice from any System VII client (server dependent). This feature is ideal for any facility where a threat response plan is demanded.

## Present 3

This reader-based function allows authorized personnel to toggle time zones, lock and unlock doors for unscheduled access, or arm/disarm inputs such as motion detectors or alarm panels. Present 3 puts the power to control the system or respond to a threat at any reader.

S Y S T E M

# Software **ADD - ON** *modules*



## Photo ID (K-BADGE)

The K-BADGE add-on module allows users to create unique badge templates for their facility, and print identification badges for employees. The photo badge capability increases facility security by making access cards less transferable.

Photo verification features allow users to trigger card holder images to appear on-screen whenever a card is presented to a reader. This feature is ideal for main access points where security is most crucial. Utilize the “always on top” feature to ensure you see every person’s photo as they present their cards.

The photo badge editor makes creating templates extremely easy. Import your own logos and backgrounds to completely customize photo badges. Define printable fields that reference the System VII database, making printing card holder badges easy and quick.

Utilize Keyscan’s USB-CAM with K-BADGE to capture photos directly into System VII from an available USB port. For printing PVC or ISO printable proximity and smart cards, leverage the plug and play simplicity of available card printers.

For an added layer of security with badges that are sure to impress, Keyscan has an end to end solution.





## Additional Client License (K-CL)

System VII provides 2 concurrent user licenses standard with the software. A K-CL license adds one additional concurrent client to System VII, providing easy expansion when several managers or sites require access to System VII for day to day system management.

## CCTV Integration (K-TV)

The K-TV add-on module provides CCTV integration with System VII offering a single software interface for both access control and CCTV. In the event of an alarm, the K-TV will allow System VII to call up the appropriate camera on-screen using the alarm pop-up capability, providing system users an immediate visual of the alarm event.

The K-TV allows users to monitor up to thirty two video feeds on a single screen and permits on-screen camera commands (PTZ controls) for full control of the CCTV system. From the archived alarm events screen use the "link to video" option to view the applicable alarm event video without the hassle of searching full video files. K-TV tags your CCTV alarm events for fast retrieval when needed. The option to search by date and time is also available through the K-TV screen.



Multi-monitor support allows for a large workspace for monitoring stations. When used with the K-BADGE module, users can compare a cardholder's on-file image to a live video image at any reader controlled access point that is equipped with a CCTV camera.

Keyscan offers CCTV integration with many of the leading DVRs and NVRs available on the market. For added convenience, seamless integration and advanced capabilities, rely on Keyscan's DVR3 to solve any CCTV demand.

## Visitor Management (K-VIS)

System VII's add-on visitor management module allows for additional control over any facility. Schedule visits and track visitor status to always know exactly who is in the building. Full report generation capabilities make visitor tracking quick and easy. Make visitors identifiable with printed access cards, or self-adhesive badges printed from any client.



Quickly add visitors to the system with the BIZSCAN or BIZSCAN 2 interface that allows reception to scan a business card or driver's license\* to pull contact information. System VII K-VIS retains all historical information for visitors. Restrict visitors' site access privileges conveniently with integration to the access control system. Do not leave anything to chance, and protect your facility with the added layer of security offered with K-VIS.

\*requires hardware

## Intrusion Panel Integration (K-DSC)

The K-DSC is a System VII add-on module that allows the user to program and make changes to their DSC intrusion system directly from the System VII software. Integration between the DSC Power Series or Maxsys Intrusion Panels and the System VII software give the user complete control of their security system with real-time display of system, zone, and partition status. Used in conjunction with the Active Mapping function included in System VII basic software, DSC alarm partitions can be mapped on the Keyscan Active Map for real-time complete system monitoring.

Authorized users can arm and disarm the DSC alarm panel using icons placed on the active map. For the ultimate in convenience and for DSC security code management\*\*, users may arm or disarm partitions using Keyscan's Present 3 capability at any system reader, without additional wiring or reduced security with key switch arming.

Email notification can also be set up for all DSC alarms, making sure that management is the first to know when the system has been breached.

\*\*Power Series only



## Web Enabled Client (K-WEB)

Keyscan web client interface allows you to manage access control from any web-enabled computer or mobile device.

This System VII access control management software add-on module provides you the ability to manage your access control systems for any of your facilities – at anytime and from any location.

K-Web is the ideal solution for those who need, or want, true mobility. It allows you to manage core functionality of your Keyscan System VII software from any internet connection using an internet browser. Use Keyscan's K-WEB module, to make quick changes on the fly, without compromising the security of your facility.

K-WEB also provides you with the flexibility to add and delete card credentials, modify access privileges, generate system reports, lock, unlock and pulse controlled doors, view system status and alarms, and allows you to schedule visitors from any internet enabled PC or from virtually anywhere in the world with a mobile device and secure password login.

While K-WEB gives you true mobility, you can be assured that your access control panels are never accessible directly from the web, keeping your sensitive employee database secure and protected at all times.

Know that you are in control when you are away from your office, even from the other side of the world.





# KEYSCAN'S FULL LINE UP OF ACCESS CONTROL UNITS

		PoE Single Door Control System	Multiple Reader Access Control Systems				Elevator Floor Control Systems	
								
		CA150	CA250	CA4500	CA8500	EC1500	EC2500	
Access Control Unit	Doors/Elevator Floors Supported	1 door	2 doors	4 doors	8 doors	1 cab (up to 40 floors)	2 cabs (up to 16 floors)	
	Reader Ports	2 (In/Out)	2	4	8	1	2	
	Multi-ACU Compatibility	Yes (Ethernet)	Yes	Yes	Yes	Yes	Yes	
	System Status LEDs	Yes	Yes	Yes	Yes	Yes	Yes	
	Dual Processors	Yes	Yes	Yes	Yes	Yes	Yes	
	Flash Memory	Yes	Yes	Yes	Yes	Yes	Yes	
	Power Fail Output	NA	Yes	Yes	Yes	Yes	Yes	
	Floor Monitor Inputs (Supervised)	NA	NA	NA	NA	Yes	Yes	
Inputs	Request to Exit (RTE) Inputs (Supervised)	1	2	4	8	NA	NA	
	Door Contact Inputs	1	2	4	8	NA	NA	
	Auxiliary Inputs (Supervised)	2	8	16	16	NA	NA	
	I/O Input Expansion	NA	NA	64 (banks of 16)	64 (banks of 16)	NA	NA	
Outputs	Auxiliary Output Relays	1	2	4	8	NA	NA	
	Expansion Auxiliary Output Relays	NA	NA	8	8	NA	NA	
	I/O Outputs	NA	NA	64 (banks of 16)	64 (banks of 16)	NA	NA	
	Door Output Relays	1	2	4	8	NA	NA	
Capacity	No. of Cardholders	32,000	32,000	32,000	32,000	32,000	32,000	
	Transaction File Buffer	6000	6000	6000	6000	6000	6000	
	Time Zones	256	256	256	256	256	256	
	Time Schedules	512	512	512	512	512	512	
	Group Levels	511	511	511	511	511	511	
	Holiday Dates	64	64	64	64	64	64	
Connectivity	Ethernet Ready	Equipped	Optional	Optional	Optional	Optional	Optional	
	PoE - Power over Ethernet (IEEE 802.3af)	Equipped	NA	NA	NA	NA	NA	
	CMAC Reverse IP	Equipped	Optional	Optional	Optional	Optional	Optional	
	Serial Communication	Yes (single panel)	Yes	Yes	Yes	Yes	Yes	

To learn more contact your Keyscan Regional Sales Manager or call: 1 888 KEYSCAN (539.7226)



901 Burns Street East  
Whitby, Ontario, L1N 6A6, Canada  
Toll Free: 1.888.KEYSCAN (Canada/US)  
Tel: +1.905.430.7226  
Web: www.keyscan.ca

Keyscan Inc. LR110441-1 complies to:  
UL STD 294 Fifth Ed. Access Control System Units  
CA8500; CA4500; CA250; EC1500; EC2500  
16V ac, 40VA, Class 2 input; relay output  
contacts, 24V ac, 10A; 30V dc; 5A  
205-M1983 Signal Equipment

