

Software Guide

KEYSCAN
AURORA

A Member of the Kaba Group



KEYSCAN AURORA ACCESS CONTROL MANAGEMENT SOFTWARE

Powering the Future of Access Control

For Keyscan, Aurora is the dawn of a new age for access control. It is the culmination of over 25 years dedicated to access control. This unwavering dedication and effort thrusts Aurora well past the supremacy established by its industry-renowned predecessors. Aurora is defined by the distant horizon and it is with this vision and focus on innovation that Keyscan proudly presents, Aurora.

Only Aurora can fully unleash the expanded processing power and capabilities of Keyscan's newest line of access control units. With a completely redesigned interface, Aurora delivers a new experience that entrenches Keyscan's commitment to innovation and forward-thinking.



For example, Aurora delivers impressive capabilities and features such as:

- **Support for 45,000 credentials (with expansion to 90,000*)**
- **Ten (10) assigned groups to a single credential-holder**
- **Multiple credentials assignable to a single user**
- **Unlimited optional user definable fields**
- **Impressive panel-to-panel global communication**
- **New multi-threaded communication structure**

All this and much more contribute to this software solution that comfortably supports small and mid-size access control installations while also exceeding the demands of truly large access control deployments.



Multi-Threaded Communication

Aurora's all new communication structure provides simultaneous communication to all IP nodes. Combined with several other communication structure optimizations, Aurora delivers extremely fast and efficient transfers of all system adds, edits, deletes and other general system changes to Keyscan panels. Whether on small systems or multi-panel enterprise systems and beyond, Aurora's all new communication service is built to impress.

Schedule Management

Setting and editing schedules (time zones) has never been easier. Using Aurora's new graphical schedule construction feature, you can now create, edit or merge schedules with 'click and drag' simplicity. When you set your start and stop times, Aurora performs the scheduling tasks in the background. So you can now create, edit or merge schedules - in just a few seconds. And, the seven-day visual interface promotes quick-glance assuredness for the end-user when setting or monitoring schedules.

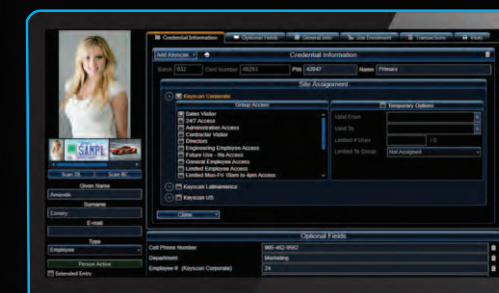


Facility Lock Down

Keyscan Aurora allows administrators to trigger a full or partial facility lock down on a moment's notice from any Aurora client, system reader or even by depressing an integrated panic button. This feature offers maximum protection and activation versatility for schools, laboratories or any facility where a threat or hazardous material response plan is demanded.

People Management

Aurora introduces Keyscan's 'People-Centric' methodology for access control system management. This new interface simplifies database creation and maintenance by assigning credentials and permissions to the person. Aurora now provides the ability to upload and attach multiple photos for easy reference, all within a person's profile. Aurora also provides an unlimited number of optional user-defined fields to record more information. Persons can also have multiple credentials assigned to them within a single profile and they can be assigned for up to ten access groups. In addition, site permissions, visitor management, photobadging and live transaction logging are all viewed or managed from a single convenient screen.

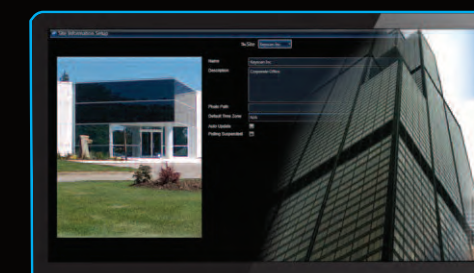


Status Widgets

Keyscan Aurora features Status Widgets that are designed to maximize custom view preferences set by the user. Aurora users can tailor what Aurora status windows to display and size them to suit their display configuration for fast reference and monitoring tasks. This allows users to conveniently display part or all of equipment status information to suit their personal display preferences. Status widgets work in both single and multiple monitor "command centre" configurations.

Site Management

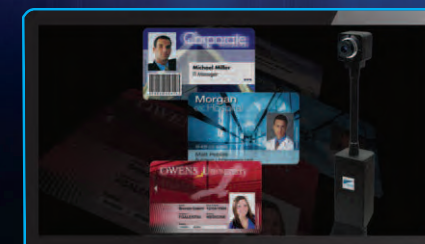
For systems with multiple active sites or locations, Aurora gives users the ability to create and manage a person's data across all sites through a single people management screen. This allows the benefit of site-by-site partitioning without the extraneous activity typically required by other systems. With this new approach, Aurora is designed to grow and exceed the demands of large system deployments and provides a software package that maintains unmatched usability and productivity.



Active Mapping with Integrated Floor Plans

Viewing active maps and floor plans in Keyscan Aurora is superb. The active mapping capability provides visual representation and control using building floor plans and device icons. Door status, alarm points, input status and IP cameras could be incorporated on the map providing an instantaneous link to the camera's live feed.

Keyscan Aurora's newly refined mapping editor, along with more convenient navigating tools, makes Aurora an intuitive platform for access control and mapping integration. Importing and integrating 3D maps is also possible. This allows users to further define their own customizable command centre.

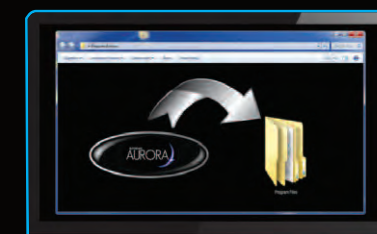


Photobadging

Keyscan Aurora also features the Photobadging module designed for users to capture photos directly into Aurora and to create and print unique identification templates for their facility. The photo verification features also allow Aurora to trigger images of persons to appear on-screen whenever a credential is presented to a reader. Photobadge capability increases facility security by making access badges and card credentials less transferable.

Software Installation

Aurora installation has been refined with a simplified software install procedure designed to make installation incredibly efficient and easy. The quick and easy registration for Aurora and its Add-On and Optional Licensed modules, makes it more convenient. With active directory integration capability, Aurora provides for exceptional login efficiency. Validated system users will be permitted to run the Aurora application without the task of additional user or password authentication. This allows for maximum login control and maintenance by IT departments.



Global Panel-to-Panel Communication

Keyscan Aurora is designed to maximize the benefits of Keyscan's Communication Interlink Module (CIM) and the CAN Bus protocol. Together they offer you advanced Global Communication capability. Panels can independently communicate schedule toggling, anti-passback status, input and output triggering as well as Keyscan's highly versatile lock down capability across all CIM interconnected panels. This provides an incredible level of system capabilities as well as system design versatility.



Expandable Database

Keyscan Aurora's foundation is built on a robust database platform with 10GB available. In addition, Aurora also supports full Microsoft SQL for even larger databases. The platform is optimized to ensure the highest level of performance and speed.

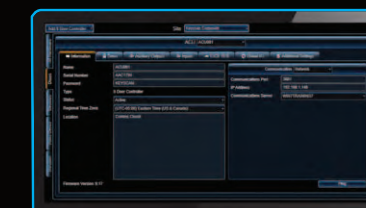
System Task Scheduling

Keyscan Aurora includes a scheduling feature for automatically backing up the system database or automatically generating transaction reports. Quick and easy to set up, just complete the time and days of the week to backup the database or run the transaction report and Aurora takes care of the rest. As an option, Aurora can automatically email a PDF version of the transaction report or email a notice that the database has been backed up.



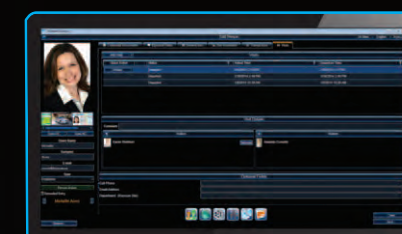
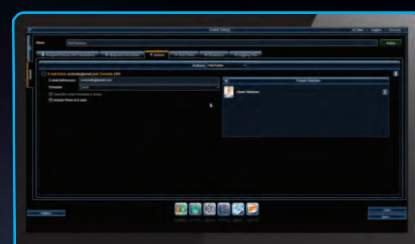
Hardware Set Up & Management

Conveniently configure and review all door and elevator floor hardware along with all auxiliary outputs, inputs, IOCB1616 settings, global I/O and additional settings all from one consolidated set up screen.



Event Management

With the new Aurora interface, users can set 'event and response' actions with unprecedented ease. This involves setting a priority sequence to establish corresponding responses to occurrences - such as automatic email notifications to alert designated staff when an alarm event occurs. Setting other events such as fire, intrusion, low battery or even unauthorized door access attempts by an unauthorized person will ensure appropriate responses are triggered in accordance with the set event management priority sequence.



Visitor Management

Keyscan Aurora's visitor management feature allows users to easily schedule all visits and track visitor status to know exactly who is in the building. Full report generation capabilities make visitor tracking quick and easy. Plus, with Aurora Photobadging you can make visitors identifiable with printed access cards, or adhesive ID badges printed from any client.

Keyscan Aurora Optional Licensed and Add-On Modules

Keyscan Aurora features optional licensed and add-on modules for enhanced integration and overall system functionality.

Add-On Modules

Add-on modules are installed as separate applications and registered with a license number provided when you purchase the software.



Aurora Web-Client (web-based access control)

Keyscan Aurora's web-client interface add-on allows you to manage your access control system for any of your facilities at anytime, from any location, using any web-enabled computer or mobile device. It remains the ideal solution for those who need mobility.

Aurora SQL Upgrade

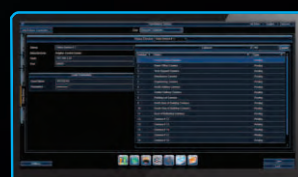
Keyscan Aurora supports upgrading to a full SQL database removing the 10 GB limit and giving you many more options, features and benefits.

Requires server, OS and appropriate licensing for SQL Server 2012'.



Optional Licensed Modules

Keyscan Aurora optional licensed modules are installed during the Aurora installation process. To activate any optional licensed module for use, you need to register a module's license number provided when you purchase the module.



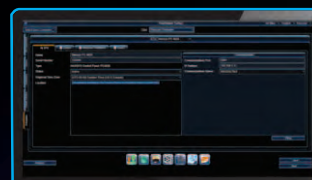
Video Management Software Integration (VMS)

Keyscan Aurora offers a new and robust VMS platform integration. When licensed, allows Aurora users to open and use client software from leading manufacturers such as Milestone, Avigilon, and Exacq. Coming soon i3 and ONSSI.

Requires purchase of third-party manufacturer's client software'.

Intrusion Integration

Aurora allows increased integration with DSC MAXSYS and PowerSeries intrusion panels'. Keyscan Aurora is designed to accommodate other leading intrusion or security product lines in the future providing Aurora users with even more versatility.



Other Optional Licensed Modules

Active Directory Integration

Bizscan Scanner Integration

Software Developers Kit

Additional Client/Web License

Additional Client/Web License 5-pack

Additional Client/Web License 10-pack

Reverse Network Single

Reverse Network 5-pack

Reverse Network 10-pack

Contact Keyscan for a complete outline of available Optional Licensed or Add On Modules.

THE ALL NEW KEYSCAN AURORA USER INTERFACE

The Keyscan Aurora user interface has been completely redesigned to enhance productivity and save time. This functionality is found with Keyscan Aurora's new quick-launch buttons.



People Management

This section provides access to all functions required to add, edit and manage your database of credential-holders, visitors, documents, credentials and access levels assigned.



System Settings Management

Perform system maintenance and day-to-day tasks such as adding, editing and managing system users, optional information fields, holidays, card design templates, application utilities and data import/export options.



Site Setting Management

Site setting preferences allow you to quickly program and edit new or existing site information, program new and existing hardware, add optional information fields, manage groups, Present3 commands, active maps and floor plans.



Video Integration

This optional module gives you video management, IP camera and DVR/NVR integration from leading manufacturers. Plus, continued support for multi-monitor capability continues to be an ideal solution for workspace environments and monitoring stations.



System Status Management

System Status preference is where Aurora users can set, customize and/or view status of all devices, enforce a lock down and search for various transactions.



Active Mapping and Floor Plans

This section allows you to open and interact with active maps and floor plans for one or all of your sites in Keyscan Aurora. Active mapping supports 2D and 3D maps and/or master floor plans.



Report Management

Multiple reporting options for site or system-wide transactions, reader access, people and group status, scheduling, report generation options and many more. Sharing reports is made easier with a number of export file formats to choose from.



OS support

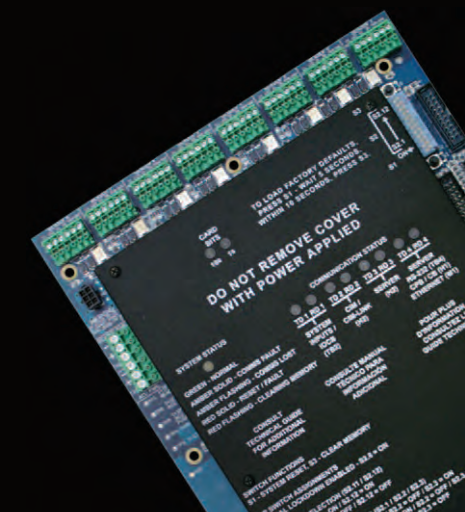
Keyscan Aurora operates in Windows 7, Windows 8, Windows Server 2008 R2 & 2012 environments. For full PC and operating system specifications, visit www.keyscan.ca.



AURORA HARDWARE COMPATIBILITY

Is your Keyscan hardware Aurora ready? If you purchased and installed Keyscan "blue" ACU Boards with firmware version 9.20 your hardware is compatible to run Aurora. Otherwise, you require a system firmware chip upgrade. For more information on door and elevator floor controllers, visit our website at www.keyscan.ca.

Contact your Regional Sales Manager or call 1 888 KEYSCAN (539-7226) to get your copy of Keyscan Aurora Access Control Management software.



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 Credentials	45,000 (up to 90,000*)	45,000 (up to 90,000*)	45,000 (up to 90,000*)	45,000 (up to 90,000*)	45,000 (up to 90,000*)	45,000 (up to 90,000*)
	Transaction File Buffer	6000	6000	6000	6000	6000	6000
	Schedules (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
	Global Integration	Network/Server Dependant	Capable (requires CIM)	Capable (requires CIM)	Capable (requires CIM)	Capable (requires CIM)	Capable (requires CIM)
	CMAC Reverse IP	Equipped	Optional	Optional	Optional	Optional	Optional
	Serial Communication	Yes (single panel)	Yes	Yes	Yes	Yes	Yes

North American designed, engineered & manufactured

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



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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



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