

# Kaba Electronic Access Control *Keyscan Aurora Software Guide*



Powering the  
future of  
access control.

# Keyscan Aurora Access Control Management Software

## Powering the future of access control

For Kaba EAC, the Keyscan Aurora access control management software 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 Keyscan predecessors.

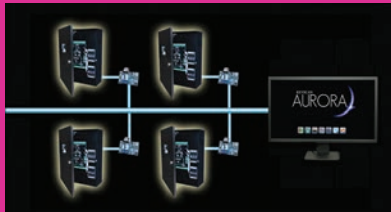
Only Keyscan Aurora can fully unleash the expanded processing power and capabilities of Kaba EAC's newest line of Keyscan access control units. With a completely redesigned interface, Aurora delivers a new experience that entrenches our commitment to innovation and forward-thinking for electronic access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

Aurora delivers impressive capabilities and features such as:

- Support for 45,000 credentials (up to 90,000\*)
- VMS Integration
- Optional licensed and Add-on modules for enhanced functionality
- Support for French and Spanish languages
- Ten (10) assigned groups to a single credential holder
- Upgrade to full SQL server
- Multiple credentials assignable to a single person
- Unlimited optional user-definable fields
- Impressive panel-to-panel global communication
- New multi-threaded communication structure
- Aurora web interface

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.

\* Hardware option available upon special order



## 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 access control units. 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.

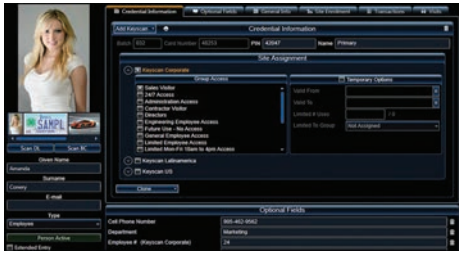


## VMS integration

Keyscan Aurora features robust integration support for many of the top name VMS, DVR and NVR systems. Among the integration options include Keyscan DVR, Milestone, ONSSI, i3 International, Exacq, Open Eye CCTV and E-Series, Salient Systems, Avigilon, and a generic option for manufacturers conforming to the Keyscan specification.

## Facility Lock Down

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.

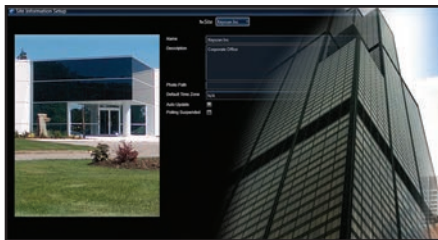


## People Management

The new people-centric 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 be assigned for up to ten access groups. Site permissions, visitor management, photobadging and live transaction logging are all viewed or managed from a single convenient screen.

## Status Widgets

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.

## Multi-language support

Keyscan Aurora offers support in both French and Spanish language interfaces! Now you can operate Keyscan Aurora in English, French or Spanish.



## Active Mapping with Integrated Floor Plans

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

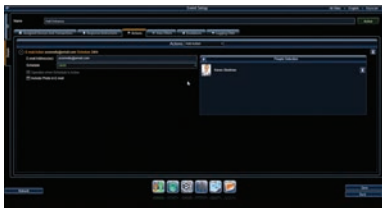
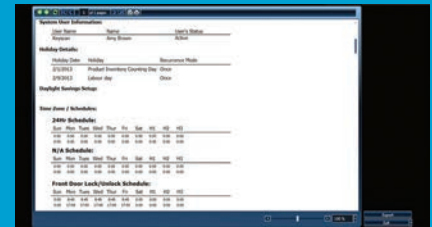


## Global Panel-to-Panel Communication

Aurora is designed to maximize the benefits of the Keyscan 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 the highly versatile lock down capability across all CIM interconnected panels. This provides an incredible level of system capabilities as well as system design versatility.

## System Task Scheduling

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.

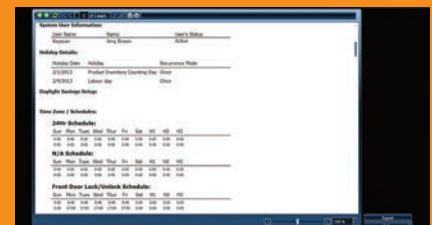


## Event Management

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.

## Active Directory

Keyscan Aurora access control management software comes with the convenient feature to support active directory integration. Now people may be linked to their Active Directory record. Active Directory expedites system user permissions and day-to-day activities with Aurora.





## Photobadging

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.



## Expandable Database

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.

## Hardware Setup & 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 setup screen.



## Visitor Management

Aurora's visitor management feature allows users to easily schedule all visits and track visitor status to know exactly who is in your facility. 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 Aurora client.

# Keyscan Aurora Add-On and Optional Licensed Modules

*The Aurora software 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)*

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*

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.*

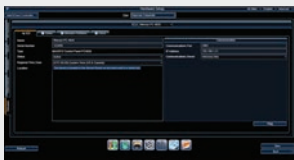


## Optional Licensed Modules

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)†*

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, i3 International, ONSSI, Open Eye, Salient, and Exacq.



### *Intrusion Integration*

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

*May require purchase of third-party manufacturer's client software†*

## 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 Kaba EAC for a complete outline of available Optional Licensed or Add On Modules.

# THE KEYSKAN AURORA USER INTERFACE

*The Aurora user interface has been completely redesigned to enhance productivity and save time. This functionality is found with 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 Settings 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.



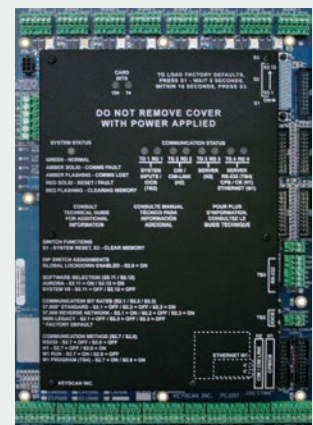
### **OS support**

Aurora operates in Windows 7, Windows 8, Windows 10 (professional) Windows Server 2008 R2 & 2012 environments. For full PC and operating system specifications, visit [www.keyscaan.ca](http://www.keyscaan.ca).

## AURORA HARDWARE COMPATIBILITY

Is your Keyscan access control hardware Aurora ready? If you purchased and installed "blue" Keyscan 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.keyscaan.ca](http://www.keyscaan.ca).

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





<i>Access Control Unit</i>	CA150	CA250	CA4500	CA8500	EC1500	EC2500
Doors/Elevator Floors Supported	1 door	2 doors	4 doors	8 doors	1 cab	2 cabs
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
<i>Inputs</i>						
Request to Exit (RTE) Inputs	1	2	4	8	NA	NA
Door Contact Inputs	2 (in/out)	2	4	8	1	2
Auxiliary Inputs (Supervised)	Yes (Ethernet)	Yes	Yes	Yes	Yes	Yes
IO Input Expansion	Yes	Yes	Yes	Yes	Yes	Yes
<i>Outputs</i>						
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	64	NA	NA
Door Output Relays	1	2	4	8	NA	NA
<i>Capacity</i>						
No. of Credential-holders	45,000 (90,000*)	45,000 (90,000*)	45,000 (90,000*)	45,000 (90,000*)	45,000 (90,000*)	45,000 (90,000*)
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 Schedules	511	511	511	511	511	511
Holiday Dates	64	64	64	64	64	64
<i>Connectivity</i>						
Ethernet Ready	Equipped	Optional	Optional	Optional	Optional	Optional
PoE - Power over Ethernet IEEE 802.3af	Equipped	6000	6000	6000	6000	6000
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	Yes	Yes	Yes	Yes	Yes

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