dormakaba

Keyscan
Aurora software
Advanced features

A new age for access control.

E-Plex wireless & offline lock integration

Technology is the common thread in optimizing our access control systems. With an emphasis on innovation and sustainability, dormakaba's Keyscan Aurora access control software is a high-performance software platform laden with many features and integration* options including:

dormakaba Software Integration

Using synchronization software Keyscan Aurora software will integrate with dormakaba's Ambiance software platforms (Lodging applications) and Community (Multi-housing applications) offering full front-of-the-house and back-of-the-house control utilizing the same credentials.

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.

E-Plex wireless & offline lock integration

Keyscan Aurora Access Control Management software seamlessly integrates with E-Plex® wireless locks and most other popular brands of wireless locking systems to provide a single software platform solution. Aurora can also support E-Plex Electronic Offline Locks.

Schedule management

Using Aurora's new graphical schedule construction feature, you can now create, edit or merge schedules (timezones) 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.

Lockdown

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.

Language support

Aurora offers English, French, Spanish and Portuguese language support.

Hardware set up and 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.

Aurora web client

Aurora's web client interface add-on module 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. Aurora web client is an ideal solution for mobility or for centrally managed access control (CMAC).

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.

Disaster recovery

If the database is lost and there is not a valid backup available, the software may be re-populated from the panel(s). You may retrieve the first initial of the first name, the first 8 characters of the last name for all credential holders, all credential data, all access level data, all time zone data, all panel data and the most recent 6000 events per panel.

Present3

Aurora continues to outperform with the Present3 function. By presenting an authorized credential at a selected reader with 3 consecutive passes, Present3 allows authorized personnel to toggle schedules, lock and unlock doors for unscheduled access, arm/disarm inputs such as motion detectors and alarm panels or enable a supervisory override.

VMS Integration

The system integrates with many leading brands of VMS Systems and IP cameras. Basic control of a VMS, DVR or NVR may be accomplished from manufacturer software interface within Aurora. Actions on the system may cause one or more cameras to appear automatically. Access alarms in history will allow for immediate viewing of the video. Contact dormakaba for up-to-date VMS integration options.

Photobadging

Complete integrated photobadging capability now included with basic software. Photo-verification shows recent entries into one or more doors to confirm the individual is the credential holder of record. Flexible card credential designer is included. Works with any third-party dye sublimation printer.

Bulk screen updating

Aurora features the ability to add new people to, or remove people from, sites in the bulk updates screen. Plus a new option in the Bulk Update screen to search for people not assigned to a site.

Active Directory Integration

Aurora added new options 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.

SDK & API for expanded opportunities

Visitor management
Intuitive software-based visitor management allows for tracking and reporting on visitor activity now included with basic software. Prints custom designed visitor badges with visitor's photo (optional). Allows scheduling of visitors. Sends an e-mail to the employee when the visitor arrives. Optional scanner permits data input from business cards and/or driver's licenses (with additional hardware). Integrates with several advanced visitor management platforms.

Active mapping with integrated floor plans
Provides visual representation and control using building floor plans and device icons. Door status, alarm points, input status and IP cameras can 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.

Output module
Software will output all system activity to a Microsoft Excel csv file and path assigned by the end user. Ideal for integration with other third party applications.

Software development kit or API
Software tool to allow for communication between applications. The user must have programming skills for access to the SDK or API product.

Anti-passback with hard, soft, timed and executive modes
Prevents one person from passing a credential to a second person to gain access. The system will not allow two reads in the same direction one after the other from the same credential (hard), or it will allow a second read but creates an alarm (soft), or there cannot be two reads on the same reader during a period of time (timed). Executive mode means that certain access levels ignore these rules.

Multi-client
All software comes with 2 concurrent user licenses.

Software is expandable in single concurrent user license increments to an unlimited number of users.

Status widgets and screen configuration
When an individual logs into the software, that person's preferred screen orientation will be displayed. The screen layout is saved at each logout. Status Widgets 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.

Accessibility functionality for persons
The system has the capability to energize two relays with a time delay on specified credentials. The first relay is used to release the lock while the second relay operates a door motor. Non-specified credentials will release the lock only. It is possible to give specified credentials additional time for these features.

Microsoft SQL
Microsoft Sequel Server 2017 64-bit provides up to 10GB of data. The database is upgradeable to full SQL Server to remove the governor. Additional software or licenses may be required.

No limitations, software governors or recurring fees

Database import
It is possible to import some existing database information to populate the credential holder information. Any ODBC (Open Database Connectivity) compliant database (e.g. Excel CSV) is acceptable.

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

Scheduled tasks
The system has the capability to perform a full backup on a schedule. Database message can be sent via email notifying specified recipients the backup was completed and saved.

Unlimited database partitions
The database may be partitioned to restrict software users to access data for individual locations or to manage multiple customers from a central station.

Email alarms
Any alarm or credential read may be emailed to any internet-ready device. Database photos of individuals may be attached to Access Granted or Access Denied credential reads. Up to six individual credentials may be emailed to different addresses upon usage.

Scheduled backups
An email may be sent if the database was backed up.

Photos are stored within the database and are included in the backup.

Pre-alert
The control units have a facility to trigger a warning to an individual via a compliant reader or sounding device when a door is propped open beyond the half interval of its allowed time.

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.

Biometric integration
Keyscan Aurora Version 1.0.14.2 now integrates with BioConnect software to give you functionality with select biometric readers for your Keyscan access control system.