Aurora Client – 1.0.15.0

- Added the ability to clone a System User.

- Added the Working Sites option.

- Added the ability to select/deselect all sites when adding or editing a System User.

- Added IP address to the Access Control Unit Status for better troubleshooting.

- Added a system log when a user fails to change their password.

- Added the creation of system logs when adding and deleting sites.

- Added the ability to create a new user by cloning an existing user's sites, permissions and type.

- Added a User Preference page and moved the "Mute Alarm Transaction Reminder" preference out of the health menu into this page.

- Added a user preference to indicate if they would like new people they create to be added to all the sites they are working with.

- Added a new application setting that ensures that people are always assigned to at least one site.

- Added a system log when changing the default photo.

- Added system logs for when the default image is changed.

- Added support for 7900 locks.

- Added exception logging when pinging the panel.

- Added signal strength to the E-Plex router section of the Gateway Setup tab.

- Added total number of available RN & Enterprise Licenses on the software registration screen.

- Added E-Plex Lockdown API integration.

- Added context sensitive help support to Aurora Card template.

- Added context sensitive help support to Barcode Setup.

- Added the ability to specify whether or not to embed a checksum into a barcode in the Barcode Setup screen.

- Added the ability to view and/or edit users responsible for managing a site from the Site Information screen.

- Added support for displaying tool tips for time blocks when viewing schedules with no editing capability.

- Added Schedule Assignment Report.

- Added ability to search for the people by site in Visitor Information Report.

- Added localization for a message displayed if the user clicks on a field for dealer support when they have an enterprise license registered and their dealer's website information is missing from the registration details.

- Added KONE Integration, ELI V1.8, Hybrid DCS Basic.

- Corrected a problem in the Event Setup screen when adding a new device-transaction to the event setting if the device name matches the parent-panel's name that resulted in an incorrect device and transaction pairing.

- Corrected a problem when cloning a Corporate 35bit credential and the corporate ID not defaulting correctly.

- Corrected a problem that failed to authenticate the user using the old password when the user is changing their password to a new one.

- Corrected a problem that prevented users from deleting another user's photo even though they had edit-user permissions.

- Corrected a problem that created extra system transactions when saving a user.

- Corrected a problem in the Event Setup that would crash the application upon adding a new device/transaction to the list if it already existed in the list.

- Corrected a problem that failed to clean old validation errors after rejecting changes made to people.

- Corrected a problem where there would be duplicate licenses from the same computer.

- Corrected a problem when adding/deleting sites was not being logged in the System Log.

- Corrected a problem in the Access Control Unit Status Widget that would cause the application to crash.

- Corrected a problem with the UI not selecting/deselecting all items in the sites in the Site Enrollment tab on the Person screen.

- Corrected a problem with deleting a user's photo if the user does not have permission to delete photos.

- Corrected a problem with deleting other user's photos due to security check.

- Corrected a problem with selecting the output file type (csv) where it was including (XML) as an option.

- Corrected a problem with E-Plex Server Service when gateway is offline and pending updates are processed.

- Corrected a problem in selecting/deselecting all sites on the person's site enrollment tab that would only select/deselect the items shown on the screen.

- Corrected a problem selecting the correct device for creating a new Device Transaction based on the user's selections if the system contains a device name matches the parent-panel's name.

- Corrected a problem that prevented the user from using the back button in the Aurora Desktop application, on the registration page, if no email was provided for a contact.

- Corrected an issue where backups could fail while logging into Aurora during backup process.

- Corrected an issue when saving credentials using the OEM24 selection.

- Corrected group box styling issues in the User Page.

- Corrected a problem generating a system log for when images are first added to a person.

- Corrected a problem when defining a transaction report with sorting, which would cause Aurora to crash.

- Corrected a problem where the user would be asked if they want to save changes after refreshing resulted in adding or removing credential settings by site information.

- Corrected a problem where the user would be asked if they want to save changes after refreshing resulted in adding or removing person settings by site information.

- Corrected an issue in transaction report when filtering or sorting the found credentials if one or more credentials have been selected.

- Corrected an issue in Transaction Response that would cause Aurora to crash if there is no connection to the database.

- Corrected an issue in E-Plex Door Access Report when E-Plex doors are filtered and all filtered E-Plex doors are selected for the report, report would list all site's E-Plex doors.

- Corrected an issue if a large number of credentials are selected for the bulk delete.

- Corrected a problem registering Enterprise Lockout Licenses that prevented panels from being included in the lockout count when a system already had hardware setup and it was using reverse network licenses.

- Corrected a problem validating the antipassback executive group range upon making changes to the global executive access checkbox.

- Corrected a problem in rejecting changes to antipassback settings that failed to refresh the screen to show the information correctly.

- Corrected a problem in schedules when deleting a time block on Saturday that sometimes resulted in the user seeing a merge warning message if they created a new block in the same area since the underlying schedule was not properly updated.

- Corrected a problem in schedules when the user inserted new time blocks or pasted time blocks using short cut keys (Control + I or Control + V) that would sometimes result in multiple time blocks being displayed to the user.

- Corrected a problem in schedules when pasting time blocks to multiple days (like Monday-Friday) that would always display a message about pasted time blocks merging with existing time blocks even when there were no other time blocks to merge with.

- Corrected a problem in schedules when pasting time blocks to Saturday that sometimes-displayed multiple time blocks or resulted in a time block that didn't represent what was pasted.

- Corrected a problem in schedules when resizing a time block by dragging an end point that resulted in multiple blocks of time showing if the resized block of time spanned from Saturday over to Sunday (or another day in the next week).

- Corrected a problem in schedules that would prevent refreshed data from being displayed after choosing not to save changes to a schedule.

- Corrected a problem in saving and refreshing schedules that sometimes failed to detect changes that another user had made to the schedule.

- Corrected validation issue in Transaction Report.

- Corrected a problem editing schedules when copying and pasting a time block that starts on a date in one month and ends on a date in the next month.

- Corrected a problem that occurred if the user attempted to delete themselves that would result in them not having permissions to do anything that they usually have permissions to do until they restart the application.

- Corrected a problem that would crash the application upon attempting to retrieve Extended Memory settings if the site the user was viewing was removed/deleted.

- Corrected a problem that would prevent users from adding/deleting photos if they are a master user and they are adding a new site but have no edit (or view) sites permission.

- Corrected a problem that would prevent users saving a newly added site if they are a master but have no edit (or view) sites permission.

- Corrected a problem that prevented the user from seeing refreshed Site Information.

- Corrected a problem with checking master user's view-site permissions on the Site Search screen when double clicking a site to view the information.

- Corrected a problem in refreshing the site's photo.

- Corrected a problem that would crash the application upon refreshing a user's enrolled sites if the user was removed from a site and the change had not yet saved.

- Corrected a problem that would occasionally crash the application upon saving changes to panel information.

- Corrected a problem on the User Information screen that would crash the application upon saving information if two users added the user-being-edited to the same site.

- Corrected issues when cropping the imported pictures.

- Corrected a problem that prevented some person bulk operations from properly setting the last update information.

- Corrected a problem that would prevent the Aurora application from refreshing details about a person that were changed during some bulk update operations.

- Corrected a problem that would occasionally ask the user if they would like to save changes after loading the doors tab in the Hardware Setup screen.

- Corrected lockdown popup error: 'Enable lockdown failed for Access Control unit' popup displayed when panels go into lockdown.

- Corrected a problem in the Barcode Setup screen that would never uncheck the Hide Barcode Text property if it was ever checked.

- Corrected issue when searching people by the group name and credential expiry date.

- Corrected issue with bubble bar menus when large number of entries listed and they would not all be displayed.

- Corrected a problem when exporting images for people with invalid filename characters in their name.

- Corrected issues displaying or disabling controls according to the user's permissions on the site information screen.

- Corrected issue of text boxes being cut-off in Person Last Seen Status widget.

- Corrected a problem that would partially display a page the user was viewing in the new language they selected if there were changes made to the item they were viewing.

- Corrected problem using the text alignment tools while editing templates for labels.

- Corrected a problem that prevented the login error messages from being displayed in the correct language if the user changed languages before logging in.

- Corrected a problem that would crash the application if the user changed languages after they attempted to log in and required a password change.

- Corrected a problem that failed to remove navigation history when returning to the main page after changing languages.

- Corrected a problem that failed to refresh the Main Page's language resources upon switching languages which resulted in the back button history displaying the home page in the wrong language.

- Corrected a problem that failed to refresh the language resources for software registration text when the user changed languages.

- Corrected a problem that would crash the Aurora application when opening the Schedule Management screen upon retrieving invalid schedule information.

- Corrected the text for the Coda Bar barcode option, which used to be incorrectly labeled Codebar.

- Corrected issue when importing people in the case that import has the errors and Aurora is set to not auto generate PINs.

- Corrected issue when displaying maps, would not show scroll bars if more maps than what would fit on screen.

- Modified the AD Agent to ensure that people added to Aurora from Active Directory are always assigned to at least one site if the application is configured to enforce this rule.

- Modified the Bulk Update option for removing people from a site so that it works in accordance with the new application setting for ensuring that people are always assigned to at least one site.

- Modified the logic for deleting a site so that any people who were only assigned to that site are also deleted.

- Modified the report exporting options to be only PDF, Excel & RTF.

- Modified the system log description when adding people to the site through the bulk update.

- Modified when exporting people with pictures, if there are multiple people with same name, exported picture will be saved with added number (i.e.: John Smith.png, John Smith (1).png...) instead of being overwritten.

- Modified the maximum number of cameras that can be supported on a DVR/NVR to 1024.

- Modified the paste action in schedules so that the user is no longer able to copy and paste time blocks that span more than one day to multiple days (like Monday-Friday) because the merged time blocks after this type of paste action could result in something unexpected.

- Modified Action combo box in System Log Report to have items sorted in alphabetical order.

- Changed messages to the user-friendly messages when pinging the panel in case that an IP address is not provided or ping is not successful.

- Changed transaction names Comms Failure to Communication Error - Pre Warning and Unit Marked Inactive Communication Failure.

- Changed when switching between Door Groups and Elevator Groups access tabs, the active groups is not reset to group 1. Stays on current group number.

- Changed the Site Information screen: controls are now hidden and a message is displayed on the Site Information screen if the user returns to the page (by hitting the back button) after their permission to view site information was revoked.

- Changed the Site Information screen: the photo editing controls on the Site Information screen have been moved to match the Person screen and to avoid confusion about whether these controls are for editing the site-users which is now located directly below the photo section.

- Changed the Site Information screen so that if a Master User, with no view-sites permission, is returned to the site search screen upon finishing adding a site.

- Changed crop ratio when importing site and device pictures from portrait oriented to orientation based on the width and height ratio of the imported picture.

- Changed the maximum length of the optional field data enter to 100 characters from 50.

- Changed PIN uniqueness changed from application wide to per site.

- Changed permissions for E-Plex Door Access Report to require Can Run Reports and View Groups.

- Changed permissions for Alarm Watch Report to require Can Run Reports and View Alarm Watch.

- Changed permissions for Block Load Credentials to require Administrator or Master User in addition to existing permissions (add people and credentials).

- Changed if the user selects a language before they log in, they will now remain in that language after they log in.

- Changed the software registration screen: is now only displayed once to the user if their software is not registered and the trial period has not expired.

- Changed Visit Selection in Visitor Information Report.

- Changed Visitor Information reports to allow making reports with over 2000 selected people.

- Improvements made for memory consumption in Principal and related items.

- Improvements made for memory consumption in claiming and releasing licenses for users and panels.

- Updated the style for the button used to switch between viewing advanced and basic layout for Group Access Levels doesn't appear differently in each layout.

- Updated the status controls to only show context menu (right click) when on a row and not over the column headers.

- Updated the Health menu so that it displays the appropriate language resources when the user changes languages.

- Updated the Aurora credential screen so that it no longer displays controls for editing a single E-Plex group assigned to the credential.

- Full help and demonstration help links are now hidden in the User Menu if the user is not logged in.

Aurora SDK

Changes to the Help Documentation:

- Documentation added for new functions and updated for existing function changes.

- The How To: Add a Credential to a Person walkthrough example code was updated to reflect the changes made to the add credential functionality.

Changes to Aurora:

- Significant changes were made to the Aurora user in this version of the Aurora product line. A new feature that allows users to specify which sites they are currently working with was added to the system. When the user selects sites that they are currently working with, they can only access and work with these sites.

- This version of Aurora provides users with a way to configure their preferences. A new preference was added to indicate if newly created people are added to all sites that the user is working with. If your system has many sites, it may be beneficial for you to setup the user accessing the SDK with this preference so that you don't have to remove newly created people from sites that you did not intend them to be enrolled in.

- This version of Aurora can also be configured to ensure that people are always enrolled in at least one site. If the SDK user has the preference not to enroll new people into sites, make sure to call appropriate methods to enroll new people into at least one site if your system is configured to enforce person site enrollment.

General Changes:

- Modifications have been made to the exception message for the Security Exception that is thrown in the case when the user has logged in to Aurora but requires a password change.

Changes to the AuroraUser:

- Modifications have been made to the log-in and log-out processes to improve memory management.

- Updated the UpdatePassword(String, String) method so that it properly records failed attempts at setting a new password. This method was also updated to throw an argument exception in the case that the password failed to update for some reason.

- Updated the RefreshUserSites method to accommodate changes to the way sites work in the Aurora product line.

- The CurrentSites property was added to provide a means to interact with the sites that the user is currently working with. The current sites are defaulted to the user's preferred sites, as saved in their preferences, but can be changed to accommodate your application's needs.

- Added the GetCurrentAuroraUser method to provide a means to get a reference to the current Aurora user using the application.

Changes to the AuroraPerson:

- Saving a person will throw a validation exception if the person is not enrolled in any sites and the application is configured to ensure that all people are enrolled in at least one site. Saving a person with no site enrollments will not throw an exception if the person is enrolled in a site that the user is not able to see/manage.

- Added the CreatePersonDirect(String, String, AuroraPersonType, List< AuroraSite> , String, String, Boolean, Boolean, String) method to provide functionality for creating a person, directly, and enroll them into sites. The Aurora system can now be configured to require people to be enrolled in sites. If you use the original CreatePersonDirect(String, String, AuroraPersonType, String, String, Boolean, Boolean, String) method to create a person with this configuration, you may get an exception stating that people must be enrolled in sites if the user's preferences state that they do not want new people added to all sites that they are managing. The new method provides you with a way to create the person and enroll them in a site so that your application will not crash if your system is configured in this manner.

- Improvements made to ensure the Aurora User is still the owner of the thread when recovering from a problem executing a method.

- Updated methods and properties affected by the addition of the new user feature for specifying current working sites.

- Updated the AddCredential and the AddCredential methods so that they now return the newly created AuroraCredential.

Changes to the AuroraPersonSearchCriteria Class:

- In the past, setting the PersonType Property would set the user's Person Type preference as a remembered setting. This no longer happens in this version because the Person Type is no longer a remembered preference. The Person Type preference has been added to the user's preferences and is saved along with other default person search criteria.

- Added a constructor that takes a Boolean as a parameter that indicates whether or not to bypass loading the default search criteria configured in the user's preferences.

- The default AuroraPersonSearchCriteria() constructor's behavior has changed. It now loads the default person search criteria from the user's preferences. If you do not want to load the user's default search criteria, use the constructor that takes a Boolean parameter and indicate that you want to bypass the defaults.

- Added a constructor (AuroraPersonSearchCriteria) that takes a AuroraPersonType and a Boolean as parameters. The Boolean indicates whether or not to bypass loading the default search criteria configured in the user's preferences, and the instance created is loaded with the AuroraPersonType provided.

- Improvements made to ensure the Aurora User is still the owner of the thread when recovering from a problem executing a method.

- Added the LastUpdatedStartDate property to provide functionality for searching for people who were updated since a specified date/time. It also supplies support for searching for people who were updated between a specified start and end date when used in conjunction with the new LastUpdatedEndDate property.

- Added the LastUpdatedEndDate property to provide functionality for searching for people who were updated prior to a specified date/time. It also supplies support for searching for people who were updated between a specified start and end date when used in conjunction with the new LastUpdatedStartDate property.

- Corrected a problem with the IncludeDeletedPeople property that was introduced in the 1.0.14.0 release that would exclude non-deleted people when returning search results.

- Added the IncludeOnlyDeletedPeople property to exclude non-deleted people when returning search results.

Changes to the AuroraCredential:

- Improvements made for memory management when a new credential settings for a site was added to the credential after refreshing.

- Improvements made to ensure the Aurora User is still the owner of the thread when recovering from a problem executing a method.

- Updated methods and properties affected by the addition of the new user feature for specifying current working sites.

- Corrected a problem in the GetCredentialInformationDirect method that was returning the UTC date time value instead of the local time for when the card was last updated.

- Added the AddClone that takes CredentialType and String as parameters. The String is the card number of the credential clone.

- Added the AddClone method that takes CredentialType and two Strings as parameters. The first String is the card batch number of the credential clone and the second String is the card number of the credential clone.

- Added the CreateClonedCredentialDirect method.

- Modified the GetCredentialInformationDirect method so that it can return the ID of the temporary group (if one is assigned).

Changes to the AuroraCredentialSettingsBySite:

- Problem corrected that resulted in Aurora Groups becoming inaccessible after a credential settings for a site was removed from a credential after refreshing.

- Corrected a problem that failed to remove old validation errors when checking for new validation errors that would prevent the user from saving the settings.

- Corrected a problem that would incorrectly throw a SecurityException when executing the RemoveCredentialFromSite method.

Changes to the AuroraSDK.Enums:

- Added PanelType.

- Added PanelCommunicationType.

- Added BaudRate.

Changes to the AuroraDoorControlUnit:

- Corrected a problem that caused the Status property to fail to update upon refreshing after loading the assigned readers property of any door within the unit.

- Added the PanelType Property.

- Added the FirmwareVersion Property.

- Added the PanelCommunicationType Property.

- Added the CommunicationServerName Property.

- Added the CommsPort Property.

- Added the CommsBaudRate Property.

- Added the CommsIPAddress Property.

- Added the TargetCommsIPAddress Property.

- Added the FailoverCommsIPAddress Property.

- Added the MasterPanelSerialNumber Property.

- Added the RegionalTimeZone Property.

- Added the Comment Property.

Changes to the AuroraElevatorControlUnit:

- Added the PanelType Property.

- Added the FirmwareVersion Property.

- Added the PanelCommunicationType Property.

- Added the CommunicationServerName Property.

- Added the CommsPort Property.

- Added the CommsBaudRate Property.

- Added the CommsIPAddress Property.

- Added the TargetCommsIPAddress Property.

- Added the FailoverCommsIPAddress Property.

- Added the MasterPanelSerialNumber Property.

- Added the RegionalTimeZone Property.

- Added the Comment Property.

Aurora Migration Tool

- Added option to create or migrate PINS for credentials.

- Corrected a problem with 2 regional time zones that have changed since System VII.

- Corrected a problem with empty panel features on recovered panels.

- Corrected a problem with multiple instance of a credential in a single site.

- Improved overall person migration time.

Aurora Web Client

- Added the ability to view person photos in full detail to the person pages.

- Added feature to resize images to Aurora configurations when adding images from Aurora Web.

- Added feature for returning correct image types.

- Added sort direction to the Person Search criteria in the Person Search screen.

- Added support for "Expires Between" search criteria in the Person Search screen.

- Added the ability to select sites that you are currently working with into the Aurora Web application.

- Added the ability to edit user preferences applicable to the Aurora Web application.

- Added tooltip information to include information about when a timed unlock is expected to end to Door and Floor status controls.

- Added a colour indicator to the user menu to indicate if the user is working with a filtered list of sites.

- Added error trapping to the lockdown feature to prevent the server from crashing in the case that an unexpected error occurs.

- Added the ability to fully and differentially synchronize E-Plex doors as well as the ability to synchronize E-Plex door locks.

- Corrected a problem in Aurora Web Client that incorrectly showed error messages for credentials whose data was not modified.

- Corrected a problem that would record validation errors into the windows event log when managing credentials.

- Corrected a problem where Aurora Web Client could crash when adding credentials during the system logging process.

- Corrected problems padding credential numbers for some credential types.

- Corrected a problem accessing AD Link information.

- Corrected page redirects when the user was using a feature and logs back in.

- Corrected issues with mixed fonts being used on the screen in the Aurora Web application.

- Corrected a problem on the status pages that would execute an action (like lock, unlock or pulse) after the user logs back in using the same browser that the status was being shown in.

- Corrected a problem that would incorrectly display redirected page content in the status pages.

- Corrected a problem in the View Transaction Details page that incorrectly displayed the prompt text if a transaction or person property did not contain a value.

- Corrected issues uploading multiple images.

- Corrected problems displaying schedules on mobile devices and in desktop browser.

- Corrected print style issues throughout the web application (for example: check boxes wouldn't be printed, scroll bars would incorrectly appear in the printed version, buttons were incorrectly being displayed, drop down lists were incorrectly displayed, editing popups were incorrectly being displayed, the main menu was incorrectly being displayed, schedules couldn't be printed properly, etc.).

- Corrected a problem that would cause the application to crash upon editing the attendees list of a visit.

- Corrected a style problem on the transactions report page that incorrectly displayed the transaction types list outside of the containing group box.

- Corrected a problem that incorrectly displayed text for a person's middle name if the person had no middle name provided for them.

- Corrected a problem that incorrectly displayed troubleshooting information to the end user in Aurora Web when something went wrong.

- Corrected a problem with Chrome occasionally detecting the wrong language on the screen and incorrectly asking the user if they want to translate it.

- Corrected a problem that would cause the web server to crash upon preforming a lockdown for E-Plex doors if the E-Plex server is not running.

- Corrected a problem in the lockdown feature that prevented error messages from being shown with meaningful information.

- Corrected a problem in the lockdown feature that failed to display error message in the language that the user is working with.

- Corrected a problem in the lockdown feature that would prevent any error messages from being displayed.

- Corrected a problem that would cause the page to make a request to the lockdown server even though the user specified that they wanted to cancel their action.

- Improved loading time for logging into the application and accessing person information in systems with many sites.

- Improved the processing time for adding/editing people.

- Improved the processing time for adding/editing credentials.

- Improved the appearance of mobile status control menus.

- Improved the time it takes to perform a pulse operation for Keyscan and E-Plex doors.

- Improved the time it takes to perform E-Plex lock-all or unlock-all operations by excluding doors that do not have a gateway detected.

- Improved the time it takes to perform the elevator bank's secure-all and unsecure-all operations by returning if no status is found after two attempts to retrieve updated statuses.

- Improved the time it takes for elevator floors status information to update after performing an action.

- Modifications were made to the E-Plex Door Status page to ensure that wireless units are not displayed.

- Modified all status controls to mitigate problems that may have occurred if a panel's transactions come back with a time that had shifted with respect to the web server's time.

- Changed the options in the title bar for the desktop version of the website to use the menu that is available in the mobile site to accommodate user features options.

- Consolidated common styles used by the mobile and desktop views into a common style sheet.

- E-Plex door information is refreshed when the user switches between door groups or hits the refresh button on the page.

- E-Plex status operations will only be performed if the door has a gateway.

- E-Plex Door Status Control menus no longer allow interaction with doors that do not have a gateway associated with them.

- Updated floor status images to match the Aurora Desktop application.

- Updated the Visit Details page so that it looks better.

- Updated Aurora Web's credential screen so that it no longer displays controls for editing a single E-Plex group assigned to the credential.

- If a database update fails to execute when a user logs in, the Aurora Web application now displays the same message as the desktop application.

- Status controls have been updated to display a message if no status change was detected after issuing a change in status for a device.

Aurora Communications

- Corrected a problem with E-Plex Server Service when gateway is offline and pending updates are processed.

- Improved reverse network simultaneous connection handling.

- Improved DSC processing.

Aurora Agent

- Corrected a problem with scheduled backup in non-English setup.

- Corrected a problem which prevented calling executables with parameters as an event action.