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1.0 DoorsNXT v2.4.0

The following list are improvements and fixes that have been made in *DoorsNXT* v02.4.0.

1. The following procedures have been optimized for speedier loading/updating.
 - The controller update time has been optimized to approximately 15 seconds per controller.
 - The loading time of the Setup System page. On a network with 40 controllers, the page will load in approximately 15 seconds. A network with 80 controllers will load in approximately 45 seconds.
 - The loading time of the Setup Access Groups page.
 - Archiving and Restoring event data.
2. The Update Network page now has a drop-down menu of the controllers to allow for selective updating of controllers.
3. The Daylight Saving Time schedules have been fixed to work properly for GMT+ time zones. This also fixes the Scheduled Tasks (Updates and Database Backups) for GMT+ timezones. The Daylight Saving Time Schedule under Setup Timezones are now auto-populated until 2018.
4. On the System Diagnostics page includes two new buttons for “Select All” and “Deselect All” options.
5. Under the Setup Holidays window, the Auto Expire option has been hidden. The option to select a holiday as “Recurring” remains visible and available for use.
6. A problem with loading users by groups in the Setup Users page has been fixed to now load all groups selected and all users in each group.
7. Although the terms “Groups” and “System Groups” referenced the same thing, “System Groups” has been changed to simply “Groups” throughout the software for continuity and ease of use.
8. Loading users by Last Name on the Setup Users page would sometimes not return all selections. Selections are now limited to a maximum of 20.
9. The ability to reset controllers remotely through the *DoorsNXT* software has been added to the Setup Options and Preferences window. There are three reset levels: Basic Reset (performs a warm reboot of the controller, retaining memory and IP information); Memory Reset (erases data in memory only, retains IP information); and Factory Default (erases data and IP information, restoring factory default values).
10. The drop-down lists located in both the Timezone and Access Group windows a now sorted alphabetically.
11. Manage Credentials are now sorted numerically without regard to format.
12. An issue existed where if two credentials were assigned to a user and the primary credential was unassigned before the secondary credential was unassigned, the secondary credential would remain with that user indefinitely. This has been fixed so that primary and secondary credentials may be assigned/unassigned in any order.
13. A warning window will now be displayed when a reader is unassigned from a controller. When a reader is unassigned from a controller, the associated door is removed from all Access Groups in which it was referenced.
14. An issue where running a report while in Monitor Mode could cause the client to crash has been fixed.
15. A Setup System Information Page has been added to open every time the Setup System window is opened. This information page lists the information needed prior to setting up a system. The page also contains a link to the NXT Network Connection Troubleshooting Guide.
16. In the Manage Credentials window, voided credentials are no longer automatically shown. In order to view voided credentials, that option must be selected specifically.
17. The search feature within the Help / Context page now works correctly.
18. Cells on the Timezones window now allow and treat 00:00 as 24:00 for programming and operational purposes.
19. When certain firmware upgrades were performed, the controller would lose its ID number causing events stored in the database to store the wrong controller number. The Server has been updated to keep and use knowledge of controller numbers so the confusion does not occur.

20. Event messages have been added to track when a controller goes online/offline while in monitoring mode.
21. Six video tutorials have been added and are available through a drop-down menu or a button. Specific topics covered are: Setup Timezones; Setup Access Groups; Enroll Users; Properties; Auto-Config; and Action Sequences.
22. Keri Headquarters can now issue temporary passwords for lost operator login passwords.
23. An action sequence that triggered a reader and multiple relays would only trigger the door lock relay and the first relay. This issue has been fixed so that all other relays are also triggered.
24. Attempting to perform a Status or Update of a controller when the IP field was blank would crash the communication task. This issue has been fixed.
25. An issue where modifications made to a schedule in the Setup Schedules would not take effect have been fixed.
26. Turning on the monitoring feature before the network was connected would cause the “Start Monitor” button to remain grey. This issue has been fixed.
27. A valid Translation file is now saved to the local Client directory, avoiding an issue where the Setup Access Groups window would not load correctly.
28. Access Groups could not be saved on an upgrade install due to a change made in the order the grid settings were loaded. This has been fixed so that all versions of DoorsNXT load the database information in the same order.
29. On the Setup > Options and Preferences > System Values window, if changes were made to the grid settings and saved, the “Apply All Changes” and “Undo All Changes” buttons would not be disabled. This could lead the Operator to believe that any changes were not applied. This has been fixed so that when the changes are applied, the buttons are disabled.
30. System memory allocation could be overwhelmed on Badging systems with large numbers of user badges. An automatic thumbnail conversion routine has been added, reducing the size of the user photos so that they do not overwhelm memory.
31. The following issues have been fixed in relation to Reports:
 - a. Running reports where a user record did not have a name could cause that record to not be included in the report.
 - b. Attempting to archive a large number of events would cause an internal buffer overflow.
 - c. Restoring archived events performance has been optimized to avoid frequent timeouts.
 - d. A “Delete Restored Copies” button has been added to enable events to shuttle back and forth between the primary events table and the archived events table.
 - e. Archive and Restore timeouts have been adjusted system-wide to accommodate databases with large numbers of events.
 - f. Door lists are now sorted alphabetically.
 - g. Cards without external numbers will now show the internal number rather than a zero as it did so previously.
 - h. An issue where if “Select At Run” was chosen during report creation, the inability to select from the list when attempting to run the report has been fixed.
 - i. The inability to select any item when only 1 or 2 items were available in a drop-down list has been fixed so that a selection may be made.
 - j. The “Event by Type” report would return ALL events. This has been fixed to return only the selected events.
 - k. All events are now sorted chronologically when generating reports that include restored events.
 - l. Two reports timing out at the same time would cause an infinite loop and the Client would crash.

2.0 Known Issues

The following are known issues for *DoorsNXT* v2.4.0.

1. If there is unsaved data on the first page when switching to a second page and creating new data there, attempts to save the data will result in one of several errors. All changes should be saved before leaving a page.
2. Scheduling a task to occur within the Daylight Saving Time fallback hour (typically 1:00 to 2:00 AM) may result in errors. Do not create a schedule that runs a task within the fallback hour.
3. If an individual user has overlapping Access Groups using Action Sequences, the Access Group created first will take precedence. It is best to avoid creating Access Groups with overlapping Timezones for the same door.
4. On the Systems Diagnostics page, the Daylight Saving Time always shows the setting in the “OFF” position.
5. When printing a report, there is no option to preview the report. It gets sent straight to the printer.

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6. When scrolling down on the Access Group page on an Access Group with a large number of doors, the door records will move depending on the method used to scroll. Using the scroll buttons will cause the records to shift one row at a time. Using the scroll bar will cause the records to scroll one at a time (making the position of each record move to the left one space at a time).
7. It is statistically possible for an NXT credential and a Wiegand credential to have the same external number. Should this situation occur, either the NXT or the Wiegand can be enrolled; you can not enroll both credentials.
8. Selecting the Window/Arrange All option will have no affect.
9. Dual Verification issue where NXT credentials (with numbers between 1-65535) will work on a Wiegand keypad.
10. In Dual Verification mode, if a reader (including a combo reader) is waiting for presentation of the Secondary Credential, and a valid Primary Credential that does not require a Secondary Credential is presented, access will be granted.
11. When creating an Output property, if that relay is set to Elevator use, then it is considered a general purpose relay, which does not use standard door contacts/RTE/forced output/reader linking.
12. On the computer where *DoorsNXT* is installed (Server and Database services along with the optional Client), if the PC's Add/Remove program is used to delete the Client, the Server and Database will also be deleted. On a PC where only a Client is installed, the Add/Remove program may be used to safely delete the Client.
13. No current support for Language Translations.
14. No current support for latch integrity.
15. If the Alarm shunt feature is in use, the alarm shunt relay will revert back to its original state after 80 seconds.
16. If the format of a reader on a particular bus is changed and an autoconfig is performed and changes applied, any associated doors will be unassigned from all Access Groups.
17. If you enroll a Primary credential through Learn Mode, click on the "Apply Changes" button, then click on the "Start Secondary ID Learn Mode" button, all subsequent credentials enrolled through Learn Mode will be enrolled as Primary credentials. In order to avoid this, click on the "Clear" button following the "Apply Changes" button before selecting the "Start Secondary ID Learn Mode" option.
18. If using Extended Unlock Time, both RTE 1 and RTE 2 will follow the standard Door Unlock Time.
19. You must stop, then restart the *DoorsNXT* Server service AND the NXT Proxy service after installing the NXT proxy service on a remote subnet.
20. *DoorsNXT* Server requires that the operating system on which it is installed has the latest Daylight Saving Time updates from Microsoft. Windows Server operating systems 2000 or later may require administrator to copy registry settings from XP or later system. Or use tzedit.exe tool to maintain their own Daylight Saving Time rules (Microsoft no longer supports Windows 2000). For further information, see Microsoft's Knowledge Base article concerning the tzedit.exe utility: <http://support.microsoft.com/kb/914387>.
21. If a holiday is created for a year other than the current year (i.e. February 2, 2010 Groundhog Day) and the "reoccurring" option is selected, *DoorsNXT* will ignore the year portion of the date and a holiday will be created for that day in the current year.
22. On the Setup > System page, under the Remote Subnet heading, there is a drop-down arrow which implies the remote subnet value can be changed. The remote subnet value cannot be changed; the drop-down arrow has no function.

3.0 Compatibility

DoorsNXT v02.4.0 software ONLY supports the following:

- NXT Controllers** - Firmware v02.03.12 or greater
- NXT-4x4** - Firmware v02.02.05 or greater
- NXT-RIM** (Reader Interface Modules) - Firmware v03.01.06 or greater
- NXT Readers** - Firmware v02.00.03 or greater
- Bootloader** - Firmware v02.00.01 or greater

DoorsNXT software is compatible with MS readers, 26-Bit Wiegand readers, and non-26-Bit Wiegand readers in connection with the use of an NXT-RIM.

DoorsNXT is NOT COMPATIBLE with PXL or Entraguard telephone entry controllers.

4.0 The Keri CD-ROM Autorun Program

The Keri CD-ROM has an autorun program that opens a menu which allows you to easily locate all installation programs, and technical and marketing documentation stored on the Keri CD. Insert the CD into your CD-ROM drive on your computer.

- If your host computer's autorun feature is enabled, the autorun menu appears.
- If the autorun feature is not enabled, use Windows™ Explorer to browse the Keri CD. Locate and start the "autorun.exe" program to open the autorun menu.

5.0 Product Documentation

The Keri CD-ROM includes copies of technical and marketing documentation in Adobe Acrobat® PDF format. The autorun menu includes links to the major documentation sections of the Keri CD. All documentation is stored in Adobe's PDF format, and can be viewed using the Adobe Acrobat Reader program. The Adobe PDF format is a universal document display format that allows you to view and print copies of documents. The Adobe web site includes a link to the free Adobe Acrobat Reader installation program.

NOTE: The documents on the Keri CD are the current revisions at the time of CD release. However, these documents are subject to change at any time. If necessary, please contact Tech Support at Keri Systems or view the Technical Documentation Downloads section of the Keri web page to verify the current revision of any document (www.kerisys.com/pages/download/techdocs.asp).

6.0 Contact Keri Systems

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