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## Release Notes for Version 3.3

If you need to, contact Linear Technical Services at (800) 421-1587.

### Build by Build Fixes and Feature Enhancements

The Version 3.3 Release has the following new features:

- System Licensing: Licensing is now controlled by a **Product Key** and an **Activation Key**. The Product Key contains the licensed system features and limits. To upgrade your system license to enable more cameras or more doors you will need a new Product Key. The Activation Key contains the warranty expiration date. The keys are locked to the system license number. The system license number for your system can be found on the **Support : About** page.
- LDAP integration for single sign-on.
- Support for nodes in different time zones.
- Support for magnetic stripe readers and cards using ABA Track 2 formats, including the Mercury MR 20 keypad/magstripe reader.
- Support for printing magnetic-stripe encoded cards.
- Support for Panasonic DVR integration.
- Automatic archive file creation for securing older data and allowing faster performance.
- Events can now be triggered by a valid card read with a specified access level.
- Reader Groups page now supports adding up to 256 reader groups and adding up to 500 readers to a reader group.
- New Event Actions available - Pulsing Outputs and Pulsing Output Groups.
- Support for a complete set of Person information through the API.
- New **Grace Now** button on the Network Controller page allows administrators to grant passback grace to all card holders immediately.

The Version 3.3 Build 346 Release contains the following fixes:

- #1045: Custom people reports now return results even when they include a person with access levels whose combined names exceed 250 characters.
- #1302: For portals that have multiple readers, custom history reports now show the reader used for each access.
- #1469: The presence of an apostrophe in the French language file will no longer cause a script error on the main menu.
- #1509: A magstripe card format that was created by hand can now be saved after it is edited.

- #1548: Floorplans now properly show a cardholder's access to a portal for only ten seconds.
- #1550: When defining a First-in Unlock system rule, you can now use the same access level for both the unlock rule and the relock rule.
- #1552: You can now edit a newly created holiday without re-entering the dates.
- #1567: You can now successfully delete or edit any scheduled action.
- #1582: A change in the threat level now changes the portal state.
- #1592: A secondary output will now trigger if it gets a valid card read when in an extended unlock.

**The Version 3.3 Build 345 Release contains the following fixes:**

- In the user interface for creating custom reports, and in the custom reports themselves, user-defined fields now appear as the values defined for them on the Setup : Access Control : Person Sections page.
- In the user interface for creating custom reports, and in the custom reports themselves, the field formerly displayed as CompanyID is now correctly displayed as PersonID.
- When you run a custom people report that includes the Access Level field, the report now properly returns results.
- When filtering on the Activation Date field to create a custom people report, you can now enter both a date and the associated time. Rather than display an error message when the report is run, the system now uses the date and ignores the associated time.
- In custom history reports, the Description column now includes the names of node files that were transferred.
- Running a custom history report that includes a Card Hotstamp run-time prompt no longer produces errors.
- When creating a custom report, you can now filter on the User Role field.
- For General Event History reports, text output mode now works correctly.
- Performance has been improved for the Card decoder utility, particularly in the rendering of bitmaps for multiple cards.
- In General Event History reports, text output data is now spaced properly.
- When the option "The Monitoring role can grant passback grace" is unchecked on the Network Controller page, the Passback Grace page is not available from the Monitor menu.
- When you click Monitor in the main menu, the Monitoring menu page that appears now includes links to all Monitor menu entries displayed in the navigation pane.
- Uploading large numbers of images over time through the API no longer has a negative effect on the system.
- The maximum number of Reader Groups has been increased from 128 to 256.
- Clicking Refresh Now on the Network Nodes page now generates the correct message in the Activity Log ("Network node connections refreshed").
- For Photo ID layout uploads, the maximum size for photos has been increased to 80,000 bytes.
- After an invalid value is entered into the Subnet mask field for the Network Controller, entering a valid value no longer makes other Initmode settings disappear.
- When the API command RemoveThreatLevelGroup fails, it now correctly returns "NOT FOUND."
- Attempting to delete a floor that is part of a floor group now generates an error message.
- Attempting to delete an elevator that is part of an elevator group now generates an error message.

- It is no longer necessary for at least one camera to be set up in Dedicated Micros or Milestone before you can add a camera definition to the Network Controller.
- The user-defined fields supported by Photo ID layouts now include fields 6 through 20.
- During a FireFox UI session, the Reader drop-down list for the card decoder utility now correctly shows readers.
- Access reads at a disabled reader are no longer logged in the Activity Log.
- Special characters are now supported in LDAP passwords.
- Check Connection no longer fails for Milestone and OnSSI PTZ cameras.
- On the Reader Groups page, readers in the Selected list box are now sorted.
- The Create Card Format button is now available even if no format is selected.
- In the API, the calls AddTimeSpec and AddHoliday no longer fail if holiday groups are not specified.
- Selecting or clearing the Use Extended Unlock check box on the Personal Information Detail page now updates the node.
- On the Readers/Keypads page, the magstripe/keypad combination readers now work.
- After a tailgate soft access at an elevator reader, the node now properly updates the card holder's region.
- Certain database changes now more efficiently trigger updates.
- Certain history data no longer causes a V3.1 to V3.3 upgrade to fail.
- Event actions are now processed in priority order.
- Event actions are no longer processed twice.
- Errors in nncommdb no longer cause node disconnects.
- Network Node configuration downloads are now more efficient because XML processing has been made significantly faster.
- Resources that are not assigned to a Network Node in the database are now deleted during the V2.5 upgrade, so they no longer cause error messages.
- A base cardformat data is now provided for magnetic-stripe encoded cards.
- On the Readers/Keypads page, you can now select a magstripe reader/keypad combination.
- The card decoder utility no longer locks up the system.
- When you run a custom people report and select Text as the output format, the report now shows data.
- The Configure Duty Log Response page is now accessible from the Administration menu (Administration : Utility : Duty Log) rather than from the Setup menu.
- The Regions page is now accessible from the Setup menu (Setup : Access Control : Regions) rather than from the Administration menu.
- A database upgrade failure no longer applies the wrong SQL files.
- The Network Node now downloads access cards, and processes card deletions and updates, significantly faster.

**The Version 3.3 Build 344 Release contains feature updates only.**

**The Version 3.3 Build 343 Release contains the following fixes:**

- The nightly job that cleans out extra backups to free up space on the system now cleans up differential backups properly.
- The differential backups for each week no longer include redundant data.
- Scheduling an action no longer causes portal lock outputs to momentarily change state.

- An activity logging bug which sometimes caused very large systems to report the wrong portal ID for usage has been fixed.
- An output no longer remains active on a completed scheduled action.
- Floor groups are now downloaded to the node.

**The Version 3.3 Build 342 Release contains the following fixes:**

- Historical custom reports now display the reader.
- Long running systems with multiple users no longer start to slow down.
- A Network Node now provides valid access for any user who should have access.
- Large systems no longer experience prolonged interruptions of access during config download.
- Newly created users now have the proper grace setting on the Network Node.

**The Version 3.3 Build 341 Release contains the following fixes:**

- When you are waiting for a card read, the enrollment reader now waits 90 seconds before timing out.
- When you change the time on the Network Controller, the node clocks are now updated immediately.
- Inputs no longer acquire incorrect input states when they are added to or removed from input groups.
- If you clear the “Always Armed” check box when creating an input on the Temperature Inputs page, saving the input no longer re-selects the checkbox.
- It is no longer possible to select an output in the Local to Node section of the Portals page if the output is already selected as a Following Output for an input.
- An output group will now control an output that is used as a Local to Node event for a portal.
- The renaming of system-owned time specs is no longer allowed.
- The UI no longer allows you to exceed the maximum of 16 scheduled actions per node.
- When you upgrade a system that is in a time format other than EST, the updated nodes no longer display UTC (GMT) time in the activity log.
- Backups no longer include the uploaded upgrade files.
- Once you delete an event, it no longer incorrectly appears on the Regions page.
- Adding a reader to a reader group now correctly triggers an access level change.
- Under Actions on the Events page, the actions “Activate Relay” and “Deactivate Relay” are now named “Activate Output” and “Deactivate Output,” respectively.
- During a holiday, you no longer see a [LOCATION] error message instead of a [WRONG DAY] error message.
- The weekly archive job now checks for a successful archive creation.
- Problems with Controller time drift when NTP isn’t configured have been fixed.
- Magnetic stripe cards in excess of 128 bits can now be read.
- The bit pattern for the Corporate 1000 card format has been adjusted.
- Long-term scheduled actions, or actions scheduled far in advance, now have second precision.
- Bad emails are no longer generated on an XL system.
- Once a system is upgraded to v3.3, a user will not be able to add a zero to a v3.1 PIN to gain access to a portal. For example, a user who previously had the PIN 123 will not be able to gain access by entering 0123. This is because the system now counts key presses.

- You can now assign an access level that has a valid access event to a person, even if the person does not have a regional antipassback privilege.
- Because the SQL upgrade script has been tuned, it takes significantly less time to run, even if the database contains a large number of history records.
- On the Support : About page, a demo license is now correctly identified on the as a "Demonstration" rather than a "Trial."

**The Version 3.3 Build 338 Release contains the following fixes:**

- There are new help files with release notes for this software version.
- Recording actions no longer cause the Milestone software to hang when the IEI Milestone Service is down or inaccessible.
- Recording actions, which were sometimes attached to the deactivation (trailing edge) of event alarms, are now always attached to activation (leading edge).
- The video system now restarts reliably after going down while sending data to the eMerge.
- The performance of regional anti-passback has been significantly improved.
- File Transfer [SUCCESS] messages now appear in the Activity Log.
- The maximum number of wav files you can load into the controller has been increased to 50.
- On the person detail page, the apply button now works when the Hotstamp or encoded number is modified after the first time. Before, the fix the button remained disabled.
- A sound file with the uppercase extension ".WAV" is now recognized as valid sound file filetype, and the sound is added to the drop-down list of available sound files in the Event Detail form.
- When anti-passback is enabled for a region, a person's "Soft Always" or "Hard Always" regional anti-passback privilege no longer causes a false Soft or Hard passback violation to be reported to the Controller.
- All 20 user-defined fields are now available for inclusion in the Portal Access report and in the Portal Access History report.
- Modifications to a person's region privileges are now propagated to the node, even if no other changes are made to the person record.
- The performance of the Reader Groups configuration page has been improved.

**The Version 3.3 Build 337 Release contains the following fixes:**

- Holiday definitions no longer interfere with proper portal group lock and unlock behavior.
- The Portal Access History report now uses all 20 user-defined fields.
- The Use Reader feature of the Lost Card function now works correctly.
- Erroneous [NOT IN NODE] Activity Log entries now correctly report Access Denied [LOCATION] or Access Granted and a user name.
- Four digit PINs no longer require a Send key press.
- The Activity Log will now show reader names for portals with two readers.
- System backups no longer include backups of uploaded upgrade files.