



# Release Notes for Next Level Security Systems Gateway Version 2.2

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August, 2011

These release notes are for software version 2.2.16330 of the NLSS Gateway (GW-500, GW-3000). Next Level recommends that all customers upgrade to this latest release.

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## New Features

The Next Level Security Systems Gateway is the core network appliance incorporating Video Management, Video Analytics, and Access Control in a single, small footprint, Web-enabled device. Version 2.2 adds support for the following features:

Enhanced Event Management:

- New cleaner User Interface
- Event and Action Linkages
  - 42 events (AccessDenied, CameraOffline, PeopleCount, etc)
  - 15 actions (PTZGotoHomePos, EmailSend, DoorUnlock, etc)
- Shunt, Lock and Emergency Queues
- Enhanced Event Filtering
- Event / Case Acknowledgement, Closure, and Notes
- Incident history and notes as states change with date/time stamps and user

- New Grid View for face captures and video
- Event Subtype filters
- Realtime and Database modes

#### Forensic Video Analytics:

- Ability to run Video Analytics on recorded video

#### New Video Analytics

- Dwell, Object Taken and Object Moved analytic
- New Minimum Object Size indication to enable easier setup

#### Video Player Upgrades:

- Export single frame live or archive JPEG
- Filmstrip viewing
- Digital Zoom
- Event types icon show on timeline

#### Improved camera icons status

- Online/offline (green or gray)
- Recording/not recording (red or gray)
- VA running/VA not running (blue or gray)

#### Bidirectional Audio:

- Full duplex audio between the operator and IP Cameras that support audio

#### Export of Reports and Events:

- Reports and Events can be exported in CSV format

#### Remote Managed Services (RMS) Enhancements:

- Multisite views
- Peer to peer video streaming

#### Misc.

- New higher performance and robust file system
- HID Edge support for IO contacts

- Manual time input and ability to NTP server

## Fixed Issues

Several issues from the previous release have been fixed in this version. Important fixes are:

The keypad on the Assa Abloy Sargent vS1 is supported. Previously, only proximity card reader was supported.

The wireless Assa Abloy Sargent vS2 lock is now supported.

RMS requires registration of the Gateway to RMS. Performing a Factory Reset on the Gateway will erase the configuration and disable connectivity to RMS. Re-entering the RMS token can now restore RMS connectivity without intervention from NLSS.

## Open Issues

### Important Notice:

In version 2.2, the internal file system has been improved. When upgrading from 2.1 to 2.2, the file system will be converted to the newer version. **This conversion could take up to 2 hours depending on the amount of video that has been recorded. During this time do not power cycle the gateway.**

Remote Managed Services (RMS) is supported in this release. **Current and new users of RMS must upgrade to this release in order to use RMS.** Note that the upgrade process could take up to 2 hours as mentioned above.

Version 2.2 supports iSCSI LUNs. Version 2.1 does not. A new field for LUN has been added to the configuration page. When upgrading from version 2.1. to 2.2, if there are iSCSI drives connected to the system, the new field will be present, and LUN0 value will automatically be filled in.

The Holiday override feature for Scheduled Auto Unlock does not work correctly in version 2.2. Customers who have enabled this feature in previous versions are advised to disable it. Please contact your NLSS representative for additional information.

### Browser Cache

After updating the Gateway, users should clear the cache of the web browser in order to make sure that the new 2.2 web pages are loaded in the browser. The instructions to clear the cache are browser dependent.

## Obtaining and Installing Version 2.2

Version 2.2 can be obtained as follows:

### Check Update

Next Level Security Systems recommends using “Check Update” as the preferred method for updating to version 2.2.

If the Gateway has access to the Internet, selecting “Check Update” from the Configuration->Global->Gateway page will automatically install the firmware. Check Update is also available via RMS. See the User Guide for specific instructions.

### **Firmware Update**

#### **Important Notice:**

Firmware Update can be used to update from version 2.1.14067 to version 2.2.16330. Any version prior to 2.1.14067 must use Check Update to version 2.2.16330. (See above for instructions)

The firmware can be downloaded to a local PC, and then manually installed on the Gateway via “Firmware Update” on the Configuration->Global->Gateway page. See the User Guide for specific instructions.

The FW file for GW-500 is nlsssuite-gw500-2.2.16330-Ubuntu9.10-x86\_64.tar.gz

The FW file for GW-3000 is nlsssuite-gw3000-2.2.16330-Ubuntu9.10-x86\_64.tar.gz

## **Additional Information and Support**

Additional information can be obtained from the NLSS web site. [www.nlss.com](http://www.nlss.com)

Support is available at Email: [support@nlss.com](mailto:support@nlss.com) Phone: 760-444-1410