Release Version 1.6.4 (2013/5/24)

Modules

Item			Version
FW	NVR	NE-2020	01.06.0002.0116
		NE-2040	01.06.0004.0116
		NE-4080	01.06.0008.0116
		NE-4160	01.06.0016.0116
	Camera Package		DP v2.12 02.12.0000.0034
Application	Install Wizard		1.6.2
	Remote Live Viewer		1.6.2
	Playback System		1.6.2
	Backup System		1.6.2
	Verification Tool		1.6.2
	Offline License Tool		1.6.2
Document	User manual		1.6.4
	QSG		1.6.1

Enhancement

1. Add an interfaces to configure the timing of doing automatically recycle. The **recommended** percentage is <u>recycling when the storage space less than 10%</u>.

Bug Fixed

1. System won't hang up even the efficiency of disk goes down under high loading.

   Please find DP 2.12 release note for camera integration, bug fixed and known issue.

Release Version 1.6.2 (2013/4/1)

Modules

Item			Version
FW	NVR	NE-2020	01.06.0002.0113
		NE-2040	01.06.0004.0113
		NE-4080	01.06.0008.0113

		NE-4160	01.06.0016.0113
	Camera Package		DP v2.10 02.10.0000.0015
Application	Install Wizard		1.6.2
	Remote Live Viewer		1.6.2
	Playback System		1.6.2
	Backup System		1.6.2
	Verification Tool		1.6.2
	Offline License Tool		1.6.2
Document	User manual		1.6.1
	QSG		1.6.1

Enhancement
2. New audio codec PCM 11025Hz support for D-Link cameras.

Bug Fixed
2. If preset points of a camera are named in Japanese, IE browser may crash as trying to connect this camera by double-clicking on it from the camera list in Live View. The default preset name for Panasonic BB/BL series is written in Japanese.

Please find DP 2.10 release note for camera integration, bug fixed and known issue.

Release Version 1.6.1 (2012/11/21)

Modules

Item			Version
FW	NVR	NE-2020	01.06.0002.0109
		NE-2040	01.06.0004.0109
		NE-4080	01.06.0008.0109
		NE-4160	01.06.0016.0109
	Camera Package		DP v2.7 02.07.0000.0013
Application	Install Wizard		1.6.1
	Remote Live Viewer		1.6.1
	Playback System		1.6.1
	Backup System		1.6.1
	Verification Tool		1.6.1
	Offline License Tool		1.6.1
Document	User manual		1.6.1
	QSG		1.6.1

New Features
1. Show customized input pin name on OSD as input trigger.
2. New language: Simplified Chinese
   - The total language support is up to 19, including English, Japanese, Traditional Chinese, Spanish, Deutsch, Finnish, French, Hungarian, Italian, Russian, Czech, Korean, Polish, Dutch, Serbian, Swedish, Portuguese (Brazil), Turkish, and Hebrew.

Enhancement

1. Time-overlapped is no longer an issue on video playing and POS text display.
2. Improve live view connection queue mechanism

Bug Fixed
1. Support Unicode preset name to fix the issue that users cannot save the preset name successfully.
2. The stream profile should be what users modified when re-executing Remote Live Viewer.

Known Issues
1. To make sure the future function expansion and upgrading quality, from version v1.6.1, users are only allowed to update system as RAID volume created. What's more, there must be at least 300MB free space of this volume.

Please find DP 2.7 release note for camera integration, bug fixed and known issue.

Release Version 1.6.0 (2012/9/20)

Modules

Item			Version
FW	NVR	NE-2020	01.06.0002.0105
		NE-2040	01.06.0004.0105
		NE-4080	01.06.0008.0105
		NE-4160	01.06.0016.0105
	Camera Package		DP v2.4.2 02.04.0000.0010
Application	Install Wizard		1.0.0.34
	Remote Live Viewer		4.0.1.7
	Playback System		4.0.1.7
	Backup System		4.0.1.7
	Verification Tool		4.0.0.0
	Offline License Tool		2.0.0.7
Document	User manual		1.6.0
	QSG		1.6.0

New Features
1. Push notification support on NUUO mobile client[1] to receive instant notification as an event occurs.
2. Completely-compatible remote application with Mainconsole family.
   - Wide screen 16:9 / 16:10 support
   - New action to pop up E-map on Live View as an event triggered
   - Metadata (POS) search in Live View
   - Save/load configuration
3. New language: Turkish, Hebrew[2].
   - The total language support is up to 19, including English, Japanese, Traditional Chinese, Spanish, Deutsch, Finnish, French, Hungarian, Italian, Russian, Czech, Korean, Polish, Dutch, Serbian, Swedish, Portuguese (Brazil), Turkish, and Hebrew.

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[1] Only iViewer v2.4 on iPhone/iPad supports push notification at this moment.
[2] The current GUI design is not Right-to-Left (RTL) in Hebrew.

Enhancement
1. Optimize license mechanism and error code.
2. Add CPU loading data in System Information page.
3. Enhance function/message expression.
4. Specify recording status on the Camera Status page, including No recording, Always Record (Recording / Stopped), Record by Schedule (Recording / Stopped).

Known Issues
1. We do some modifications to make remote application compatible, so there are few limitation:
   - Since E-map popup function is moved from Live View to a selection of actions in v1.6.0, users can't expect to have E-map popup on new AP as connecting the NVR server which FW version is lower than v1.6.0.
   - Cannot execute backup in Playback System v4.0.1 as connecting NVR server which FW version is lower than v1.6.0. Please upgrade the server or execute the old version AP.
   - Event logs are not shown on date/time search dialog if this period of video isn't backed up with Playback System. Since web playback doesn't support backup with Playback System, the issue must exist. We will improve this part in coming version.
2. Time-overlapped issue isn't solved on POS yet. The video time is correct, but the POS data attached with time-overlapped videos might be wrong. For example, selecting the first 01:00 video to play, but the POS transaction showing on video may belong to the second 01:00 video. We will fix it in v1.6.1.

Please find DP 2.4.2 release note for camera integration, bug fixed and known issue.