

# Titan NVR Release Note

NUUO version 1.3.3, Release date\_2012.6.11

## Release Version 1.3.3 (2012/6/11)

### Modules

Item		Version
FW	NT-4040/NT-4040R	NT-4040_1.3.3.0128_1406_20120611.bin
	NT-8040R/NT-8040RP	NT-8040R_1.3.3_0128_1410_20120611.bin
	Device pack	V2.1
Application (Windows)	NUUO NuClient	Titan_NVR_1.3.3_AP_Windows.zip
Application (Mac)	NUUO NuClient	Titan_NVR_1.3.3_AP_MacOSX.zip

### New features:

#### [New Titan hardware support]

1. New Titan hardware series:
  - NT-8040R: 8 bay internal storage, Intel Core i5 CPU model
  - NT-8040RP: 8 bay internal storage, Intel Core i5 CPU model, with redundant power

### Bug fixed:

#### [Titan Server]

1. [FAE] Titan will automatically reboot sometimes under certain situation.
2. [FAE] When reboot Titan, the system will repair DB.
3. [FAE] Arecont\_2036: If camera parameter is too big, the video can't be playback and export.
4. [FAE] If user add VIVOTEK fisheye camera on v1.2, and then upgrade to v1.3, the camera status will show "Immervision" and the status is disable.
5. When user install wizard log in a brand new Titan server (no IP address), the system will popup time out message.
6. WAN backup might fail issue.

#### [Titan Client]

1. [FAE] On main-sub server structure, sometimes the sub server will disconnect.
2. [FAE] Continuous PTZ on video can't work.
3. [FAE] Arecont 5125IR: When setting H.264 and Half Resolution, the LiveView video will not play smoothly.
4. If camera GOP (group of picture) is too big, the video can't play smoothly.
5. When play recording for a long time, the time line won't update.
6. When digital zoom in/ out, the video OSD will disorder.
7. Daylight saving default value enhancement.

## Known issue:

### [Titan Server]

1. [Camera issue] CNB-ISMC1063N: Audio Codec "G.711" voice not so clear, please use G.726 and PCM.(Camera issue, camera web also has same issue.)
2. [Camera issue] VIVOTEK IP7135: Please lower camera GOP (group of picture) or close audio when camera GOP so big result to client define it as disconnect.
3. Please use English or Thai OS when use Thai client.
4. If downgrade FW from v1.3 to v1.2, then adds VIVOTEK fisheye camera: IP7135, and then upgrade, the camera status will be "Immervision", not VIVOTEK fisheye. To avoid this issue, please load to default when downgrade to v1.2.2.
5. [Limitation] Video frame size can't be greater than 1.75MB, or the system can't record.

### [Titan Client]

1. When doing continuous PTZ on the video, and message interruptly popup, the PTZ status won't stop. Please relick PTZ on the video to stop PTZ command.
2. When export ASF files, and the video is not continuous, the audio will not sync with the video. Please export continuous video when needing to export in ASF.
3. After setup the stream profile on LiveView, then goes to Playback and changed the view grid, and then back to Live View, all stream profile will back to Original.
4. [Camera issue] (VIVOTEK IP7135): VIVOTEK IP7135 camera watermark status is not stable, sometimes it will close/ open automatically. If the status is closed, and then switch client to fisheye mode, it can't switch properly. Please open watermark if you encounter this issue.
5. [Camera issue] (VIVOTEK IP7135): If camera resolution over 640x480, the performance will be lower with resolution increase. (Camera SDK limitation.)
6. When the resolution is high, please export video as original avi or play with VLC. If exporting mpeg4 and H264 video to MOV files, sometimes the image will be broken.
7. If camera resolution is high, please play MOV video with VLC on MAC or Windows syatem, or please export as original AVI files. (VLC tested version: v2.0.1)
8. When use Fisheye or Immervision mode, please only view/ playback one channel or use original mode. If use more than one camera, the camera frame rate will be low down and audio can't play smoothly. (Camera vendor SDK issue. The SDK only enable client handling one channel Fisheye/ Immervision mode.)
9. For E-Map picture, please not use too big resolution, or it can't be shown on View.
10. When save video to msAVI, please not save more than 4GB every file.
11. The OffLineTool only support English.

## Release Version 1.3.0 (2012/5/8)

### Modules

Item		Version
<b>FW</b>	NT-4040/NT-4040R	NT-4040_1.3.0_0117
	NT-8040R/NT-8040RP	NT-8040R_1.3.0_0117
	Camera Package	2.0.0
<b>Application (Windows)</b>	NUUO NuClient	1.3.0.10
<b>Application (Mac)</b>	NUUO NuClient	1.3.0.10

### New features:

#### [New Titan hardware support] *(Coming soon!)*

2. New Titan hardware series:
  - NT-8040R: 8 bay internal storage, Intel Core i5 CPU model
  - NT-8040RP: 8 bay internal storage, Intel Core i5 CPU model, with redundant power

#### [Titan Server]

1. Support isolated device pack 2.0 and above version.\*
2. Daylight saving time enhancement.
3. Support license transfer.
4. Local display channel enhancement
  - NT-4040/NT-4040R: Totally up to 64CH with 4CH tour\*\*
  - NT-8040R/NT-8040RP: Totally up to 64CH with 16CH tour\*\*

\* For camera support list, please refer to device pack release note.

\*\* For local display performance detail, please refer to NUUO performance report.

#### [Titan Client]

1. Support VIVOTEK fisheye mode: (Set on Titan server)
  - Original
  - Rectilinear
  - Full-view panorama
  - Dual-view panorama (Only available on Ceiling and Ground)
2. Motion search enhancement
3. Server busy handling enhancement

## [Others]

1. New language support: Slovenian, Thai, Turkish
  - Language support list: (21 languages)  
Chinese (Simplified), Chinese (Traditional), Czech, Dutch, English, Finnish, French, German, Hungarian, Italian, Japanese, Korean, Polish, Portuguese (Brazil), Russian, Serbian, Spanish, Swedish, **Slovenian, Thai, Turkish**
2. New external storage model support:
  - DAS: Proware EP-D501-C3A
  - iSCSI: HP MSA2000 G2

## Enhancement:

1. Enhance the record icon status to identify status easier.
2. License mechanism and message enhancement.

## Bug fixed:

### [Titan Server]

7. [Camera issue] (Arecont): When adding Arecont camera on 6<sup>th</sup> channel or above, it can't adjust parameter.
8. [Camera issue] (Panasonic\_WV-SC385): It not supports continuous Pan/Tilt.
9. [Camera issue] (Vivotek\_IP7361): If set more than 2 motion detection zone on camera web, motion detection can't be triggered.

### [Titan Client]

8. [Camera issue] (Grandstream GXV3601): Fix the issue that audio codec G.726 is not support.
9. [Camera issue] (CNB IDC4050VR): Fix the issue that video not play smoothly.
10. Fix the issue that playback might not show timeline casually.
11. If camera has high bit rate, the liveview video can't be played smoothly.
12. Webclient export MOV files incorrectly.
13. If naming blank name for camera, this camera can't show on the grid.  
Fixed: Now the camera name will be the IP address of the camera if not naming it, and it can be show on the grid.
14. The motion search zone will sometimes delay after drawing on the video.
15. If computer haven't install IE but install Firefox client directly, it can't switch multiple languages.

## Known issue:

### [Titan Server]

6. [Camera issue] (CNB-ISMC1063N): Audio Codec "G.711" voice not so clear, please use G.726 and PCM.(Camera issue, camera web also has same issue.)
7. [Camera issue] (VIVOTEK IP7135): Please lower camera GOP or close audio when camera GOP so big result to client define it as disconnect.
8. Please use English or Thai OS when use Thai client.

### [Titan Client]

12. [Camera issue] (VIVOTEK IP7135): VIVOTEK IP7135 camera watermark status is not stable, sometimes it will close/ open automatically. If the status is closed, and then switch client to fisheye mode, it can't switch properly. Please open watermark if you encounter this issue.
13. [Camera issue] (VIVOTEK IP7135): If camera resolution over 640x480, the performance will be lower with resolution increase. (Camera SDK limitation.)
14. When the resolution is high, please export video as original avi or play with VLC. If exporting mpeg4 and H264 video to MOV files, sometimes the image will be broken.
15. If camera resolution is high, please play MOV video with VLC on MAC or Windows system, or please export as original AVI files. (VLC tested version: v2.0.1)
16. When use Fisheye or Immervision mode, please only view/ playback one channel or use original mode. If use more than one camera, the camera frame rate will be low down and audio can't play smoothly. (Camera vendor SDK issue. The SDK only enable client handling one channel Fisheye/ Immervision mode.)
17. For E-Map picture, please not use too big resolution, or it can't be shown on View.
18. When save video to msAVI, please not save more than 4GB every file.
19. OffLineTool only support English.

## Release Version 1.2.2 (2012/3/27)

### Modules

Item		Version
FW	NVR	1.02.02_0104.0104
	Camera Package	1.02.02_0104.0104
Application (Windows)	NUUO NuClient	1.2.2
Application (Mac)	NUUO NuClient	1.2.2

### Bug Fixed

#### [Titan Server]

1. Fix (DigitalWatchDog-MPA20M) do not use MJPEG(1920\*1080,1440\*1080)
2. Fix (Santec\_SNC4302)not support Audio codec(G.726)
3. Fix (Samsung\_SNP3301)not support Audio
4. Fix (Arecont)do not suggest add after Ch6,and select Protocol(UDP) parameter
5. Fix (Santec\_SNC-4302)not support Quality select between H.264 and MJPEG
6. Fix (Sony\_SNC-EP520)do not support MJPEG(720\*480)
7. Fix (Zavio\_F7210) do not support Audio
8. Fix (GrandStream) do not support Audio codec(G.726)

#### [Titan Client]

1. Fix (Axis Q6034) slow PTZ response issue
2. Fix "Sub servers are in arbitrary order on Device List, and the top sub server on the list cannot be connected."

## Release Version 1.2.1 (2012/3/12)

### Modules

Item		Version
FW	NVR	01.02.0096.0096
	Camera Package	01.02.0096.0096

### New Camera Supported

1. ACTi: KCM5111, KCM5211, KCM5211E, KCM5311, KCM5311E, KCM7111, KCM7211
2. Arecont: AV1115, AV1125, AV2115, AV2125, AV3115, AV3125, AV5115, AV5125, AV10115, AV20185DN, AV20365DN
3. Axis: 231D+, 232D+
4. **CORUM**: CS-190-IO / CS-190-IP / CS-190-IW, CS-265-IO / CS-265-IP / CS-265-IW, CS-285-IP<sub>6/6</sub>