Release Version v3.3.0 (2018/08/06)

Enhancement

1. Make remote desktop port be editable just like other ports.

Fixed Bug

1. NCS client instant playback fisheye PTZ issue.
2. When multiple Matrix processes ran on the same computer, one of them might crash when the writing log file was occupied by another Matrix.
3. "Fail to retrieve license" occurred when there were too many devices.
4. Default stream profile of analog cameras was record 1.
5. CMS server hangs UI when server tried to update device status to the CMS client.

Support OS

1. Windows XP 32 bit
2. Windows Vista 32 bit
3. Windows 7 32 bit and 64 bit
4. Server 2008 R2 (64 bit)
5. Server 2012 R2 (Not officially support SQL 2005 by Microsoft)
6. Windows 8 64 bit (Need to disable Windows UAC before starting NCS system)
7. Windows 8.1 32 bit and 64 bit
8. Windows 10 32 bit and 64 bit

Support NUUO product line

1. Mainconsole: 6.1.1 or later (DVR card only support 7000S)
2. NVRmini2: 1.6.1 or later
3. NVRsolo: 1.0 or later
4. Crystal: 3.1.0 or later
5. Titan NVR: 1.7.0 or later.

Release Version v3.2.0 (2018/07/05)

Fixed Bug

1. Camera live view showed 'camera not exist' after upgraded the CMS server from v2.8 to v3.1.
2. Playback / Instant Playback crash issue.

Support OS

1. Windows XP 32 bit
2. Windows Vista 32 bit
3. Windows 7 32 bit and 64 bit
4. Server 2008 R2 (64 bit)
5. Server 2012 R2 (Not officially support SQL 2005 by Microsoft)
6. Windows 8 64 bit (Need to disable Windows UAC before starting NCS system)
7. Windows 8.1 32 bit and 64 bit
8. Windows 10 32 bit and 64 bit

Support NUUO product line

1. Mainconsole: 6.1.1 or later (DVR card only support 6000S/7000S/)
2. NVRmini2: 1.6.1 or later
3. NVRsolo: 1.0 or later
4. Crystal: 3.1.0 or later
5. Titan NVR: 1.7.0 or later.

Release Version v3.1.0 (2018/06/22)

New Feature

1. PTZ Preset Point Indicator
2. Interconnect Crystal Patrol
3. Interconnect Crystal Digital PTZ

Fixed Bug

1. Custom Remote Playback issue when connecting to Crystal.
2. Vulnerabilities

Support OS

1. Windows XP 32 bit
2. Windows Vista 32 bit
3. Windows 7 32 bit and 64 bit
4. Server 2008 R2 (64 bit)
5. Server 2012 R2 (Not officially support SQL 2005 by Microsoft)
6. Windows 8 64 bit (Need to disable Windows UAC before starting NCS system)
7. Windows 8.1 32 bit and 64 bit
8. Windows 10 32 bit and 64 bit

Support NUUO product line

1. Mainconsole: 6.1.1 or later (DVR card only support 6000S/7000S/)
2. NVRmini2: 1.6.1 or later
3. NVRsolo: 1.0 or later
4. Crystal: 3.1.0 or later
5. Titan NVR: 1.7.0 or later.

Release Version v3.0.0 (2018/04/12)

New Feature

1. Support H.265 format
2. Support continuous focus near/far

Fixed Bug

1. Fix Matrix get streaming issue
2. Fix Playback timeout crash issue
3. Fix NCS Client login crash issue

Support OS

1. Windows XP 32 bit
2. Windows Vista 32 bit
3. Windows 7 32 bit and 64 bit
4. Server 2008 R2 (64 bit)
5. Server 2012 R2 (Not officially support SQL 2005 by Microsoft)
6. Windows 8 64 bit (Need to disable Windows UAC before starting NCS system)
7. Windows 8.1 32 bit and 64 bit
8. Windows 10 32 bit and 64 bit

Support NUUO product line

1. Mainconsole: 6.1.1 or later (DVR card only support 6000S/7000S/)
2. NVRmini2: 1.6.1 or later
3. NVRsolo: 1.0 or later
4. Crystal: 3.1.0 or later
5. Titan NVR: 1.7.0 or later.

Release Version v2.11.0 (2017/11/24)

Fixed Bug

Fix Interconnect crystal issues

Support OS

1. Windows XP 32 bit
2. Windows Vista 32 bit
3. Windows 7 32 bit and 64 bit
4. Server 2008 R2 (64 bit)
5. Server 2012 R2 (Not officially support SQL 2005 by Microsoft)
6. Windows 8 64 bit (Need to disable Windows UAC before starting NCS system)
7. Windows 8.1 32 bit and 64 bit
8. Windows 10 32 bit and 64 bit

Support NUUO product line

1. Mainconsole: 6.1.1 or later (DVR card only support 6000S/7000S/)
2. NVRmini2: 1.6.1 or later
3. NVRsolo: 1.0 or later
4. Crystal: 3.1.0 or later
5. Titan NVR: 1.7.0 or later.

Release Version v2.10.0 (2017/9/26)

New Feature

Support SQL 2014

Support Win10

Support Nuface

Support MC alarm Compound Event & Lost Record Detection

Fixed Bug

Fix Generic Dewarp Perimeter mode PTZ location will not be saved

Support OS

1. Windows XP 32 bit
2. Windows Vista 32 bit
3. Windows 7 32 bit and 64 bit
4. Server 2008 R2 (64 bit)
5. Server 2012 R2 (Not officially support SQL 2005 by Microsoft)
6. Windows 8 64 bit (Need to disable Windows UAC before starting NCS system)
7. Windows 8.1 32 bit and 64 bit
8. Windows 10 32 bit and 64 bit

Support NUUO product line

1. Mainconsole: 6.1.1 or later (DVR card only support 6000S/7000S/)
2. NVRmini2: 1.6.1 or later
3. NVRsolo: 1.0 or later
4. Crystal: 3.1.0 or later
5. Titan NVR: 1.7.0 or later.

Release Version v2.9.0 (2017/5/31)

New Feature

Exporting excel file Including alarm description, assigner, alarm type and alarm note.

Fixed Bug

Fix two different live streams displayed on the same viewport.

Fix when Matrix 1 uses the grid tour, joystick for the Matrix 2 of the same computer can't be used.

Fix export alarm failed if the description contains.

Support OS

1. Windows XP 32 bit
2. Windows Vista 32 bit
3. Windows 7 32 bit and 64 bit
4. Server 2008 R2 (64 bit)
5. Server 2012 R2 (Not officially support SQL 2005 by Microsoft)
6. Windows 8 64 bit (Need to disable Windows UAC before starting NCS system)
7. Windows 8.1 32 bit and 64 bit

Support NUUO product line

1. Mainconsole: 6.1.1 or later (DVR card only support 6000S/7000S/7100/8000HD)
2. NVRmini2: 1.6.1 or later
3. NVRsolo: 1.0 or later
4. Crystal: 3.1.0 or later
5. Titan NVR: 1.7.0 or later.

Release Version v2.8.0 (2017/2/15)

New Feature

Update CHS translation

Fixed Bug

Fix NCS Client crash when use AD user login.

Fix CMS Matrix crash after upgrade 2.1 to 2.5.

Fix closing the NCS Client will cause the Playback server list to disappear.

Support OS

1. Windows XP 32 bit
2. Windows Vista 32 bit
3. Windows 7 32 bit and 64 bit
4. Server 2008 R2 (64 bit)
5. Server 2012 R2 (Need to disable Windows UAC before starting NCS system)
6. Windows 8 64 bit (Need to disable Windows UAC before starting NCS system)
7. Windows 8.1 32 bit and 64 bit

Support NUUO product line

1. Mainconsole: 6.1.1 or later (DVR card only support 6000S/7000S/7100/8000HD)
2. NVRmini2: 1.6.1 or later
3. NVRsolo: 1.0 or later
4. Crystal: 3.1.0 or later
5. Titan NVR: 1.7.0 or later.

Release Version v2.7.0 (2017/2/2)

Fixed Bug

Fix System crash when playing video in Remote Playback mode.

Support OS

1. Windows XP 32 bit
2. Windows Vista 32 bit
3. Windows 7 32 bit and 64 bit
4. Server 2008 R2 (64 bit)
5. Server 2012 R2
6. Windows 8 64 bit (Need to disable Windows UAC before starting NCS system)
7. Windows 8.1 32 bit and 64 bit

Support NUUO product line

1. Mainconsole: 6.1.1 or later (DVR card only support 6000S/7000S/7100/8000HD)
2. NVRmini2: 1.6.1 or later
3. NVRsolo: 1.0 or later
4. Crystal: 3.1.0 or later
5. Titan NVR: 1.7.0 or later.

Release Version v2.6.0 (2016/12/28)

New Feature

Support Crystal CMS alarm record

Note: Crystal alarm record does not support snapshot and audio.

Fixed Bug

Fix Fail to lunch Recent list in NCS Remote playback.

Support OS

1. Windows XP 32 bit
2. Windows Vista 32 bit
3. Windows 7 32 bit and 64 bit
4. Server 2008 R2 (64 bit)
5. Windows 8 64 bit (Need to disable Windows UAC before starting NCS system)
6. Windows 8.1 32 bit and 64 bit

Support NUUO product line

1. Mainconsole: 6.1.1 or later (DVR card only support 6000S/7000S/7100/8000HD)
2. NVRmini2: 1.6.1 or later
3. NVRsolo: 1.0 or later
4. Crystal: 3.1.0 or later
5. Titan NVR: 1.7.0 or later.

Release Version v2.5.0 (2016/12/07)

Fixed Bug

1. Enhance transmission performance between NCS Client and NCS Server
2. Fix Matadata unable to display on live view, playback and matrix

Support OS

1. Windows XP 32 bit
2. Windows Vista 32 bit
3. Windows 7 32 bit and 64 bit
4. Server 2008 R2 (64 bit)
5. Windows 8 64 bit (Need to disable Windows UAC before starting NCS system)
6. Windows 8.1 32 bit and 64 bit

Support NUUO product line

1. Mainconsole: 6.1.1 or later (DVR card only support 6000S/7000S/7100/8000HD)
2. NVRmini2: 1.6.1 or later
3. NVRsolo: 1.0 or later
4. Crystal: 3.1.0 or later
5. Titan NVR: 1.7.0 or later.

Release Version v2.4.0 (2016/10/28)

Fixed Bug

1. Fix CMS vulnerabilities Session
2. Fix CMS vulnerabilities UAC
3. Fix Instant Playback not show metadata by connecting with Mainconsole v6.8
4. Fix NCS Client Crash when connecting Crystal

Support OS

1. Windows XP 32 bit
2. Windows Vista 32 bit
3. Windows 7 32 bit and 64 bit
4. Server 2008 R2 (64 bit)
5. Windows 8 64 bit (Need to disable Windows UAC before starting NCS system)
6. Windows 8.1 32 bit and 64 bit

Support NUUO product line

1. Mainconsole: 6.1.1 or later (DVR card only support 6000S/7000S/7100/8000HD)
2. NVRmini2: 1.6.1 or later
3. NVRsolo: 1.0 or later
4. Crystal: 3.1.0 or later
5. Titan NVR: 1.7.0 or later.

Release Version v2.3.2 (2016/5/5)

New Features

1. Able to synchronize multiple recording servers in one time (right click on server group -> Synchronize Device)

2. Able to export CMS alarm as .PDF (version 2.3.1 only support .xls format).

Enhancement

1. Upgrade H.265 decoder to have better performance.

Fixed Bug

1. Repack VC Microsoft Visual C++ 2008 SP1 Redistributable Package (x86) ver 6195 to fix fail to run CMS when startup in certain condition.

2. Fix playback select folder function fail.

3. Fix Matrix mark flag that will result in triggering non-related camera channel.

Support OS

1. Windows XP 32 bit

2. Windows Vista 32 bit

3. Windows 7 32 bit and 64 bit

4. Server 2008 R2 (64 bit)

5. Windows 8 64 bit (Need to disable Windows UAC before starting NCS system)

6. Windows 8.1 32 bit and 64 bit

Support NUUO product line

1. Mainconsole: 6.1.1 or later (DVR card only support 6000S/7000S/7100/8000HD)

2. NVRmini2: 1.6.1 or later

3. NVRsolo: 1.0 or later

4. Crystal: 3.1.0 or later

5. Titan NVR: 1.7.0 or later.

Release Version v2.3.1 (2016/02/22)

Fixed Bug

1. To include necessary dll so no need to install Microsoft Visual C++ 2008 SP1 Redistributable Package (x86) additionally.

2. For user in CMS 2.3.0, please upgrade to CMS 2.3.1 for fix.

Release Version v2.3 (2016/01/18)

New Features

1. Support NUUO Crystal™ and Titan NVR with Live view, alarm and playback

   *Refer manual: NCS Overview -> System Introduction -> Support Crystal™ and Titan NVR

   *For Crystal-PRO, it won't need to upgrade to Crystal-ENT or ULT to support CMS Matrix View

2. Support Mainconsole Edge Motion Event

3. Support MainConsole Failover with Live View and Playback

4. Support H.265

Enhancement

1. Control Multiple PTZ camera in Single PTZ Control Panel

2. Set a Default Matrix for Live View Navigation

3. Multiple Remote Desktop Login Mainconsole

Known Issue

1. Cannot apply the stream profile from Crystal / Titan to Mainconsole / NVRmini / NVRSolo, and vice versa.

2. On CMS Matrix, when camera from Crystal lost the connection, it will only show freeze image and do not have disconnect OSD.

3. The stream profile value of Crystal and Titan is incorrect.

4. After adding alarms from Crystal or Titan, please wait around 1~2 minutes, so CMS side can receive alarms correctly

5. Crystal and Titan do not support Set Layout profile.

Support OS

1. Windows XP 32 bit

2. Windows Vista 32 bit

3. Windows 7 32 bit and 64 bit

4. Server 2008 R2 (64 bit)

5. Server 2012 R2

6. Windows 8 64 bit (Need to disable Windows UAC before starting NCS system)

7. Windows 8.1 32 bit and 64 bit

Support NUUO product line

1. Mainconsole: 6.1.1 or later (DVR card only support 6000S/7000S/7100/8000HD)

2. NVRmini2: 1.6.1 or later

3. NVRsolo: 1.0 or later

4. Crystal: 3.1.0 or later

5. Titan NVR: 1.7.0 or later.

Release Version v2.1 (2015/4/30)

New Features

- NCS Client
    A. Support live video scramble (with Mainconsole v5.2)

Enhancement

- NCS Client
    A. Support offline mode
        a. When server has new configuration update by other user, the user can choose login again to update the configuration or keep as offline mode.
        b. In offline mode, user will run out-of-date configuration and still can do live view/backup/export.
        c. In offline model, alarm and server status won't be updated and some options will be disabled and be gray out indicating not available.

Support OS

- Windows XP 32 bit
- Windows Vista 32 bit
- Windows 7 32 bit and 64 bit
- Server 2008 R2 (64 bit)
- Server 2012 R2
- Windows 8 64 bit (Need to disable Windows UAC before starting NCS system)
- Windows 8.1 32 bit and 64 bit

Support NUUO product line

- Mainconsole: 4.1.0 or later (DVR card only support 6000S/7000/7000S/7100/8000HD)
- NVRmini: 2.6
- NVRmini2: 1.6.1 or later
- NVRsolo: 1.0 or later

Release Version v2.0 (2014/5/12)

New Features

- NCS Client
  - A. Support Camera Multi-Stream (with Mainconsole v5.0)
  - B. Central Manual Backup: Support both Alarm & Video central backup
  - C. Support lock screen: Able to lock window in full screen to ensure focus on NCS client
  - D. Add Camera Link: Able to add direct IP address links to each individual camera
  - E. Add Hotkeys to set alarm status for Alarm Real-Time/Output/Output2 and Alarm Management windows

Enhancement

- NCS Client
  - A. All new Alarm Management interface - Live View & Instant Playback on one screen
  - B. Simplifying NCS Client menu layout
  - C. Support for NVRmini2/NVRsolo 2-way audio
  - D. Support for NVRmini2/NVRsolo snapshot to CMS

Fixed Bug

- NCS Client
  - A. Only able to "select one" PTZ Camera preset point on NCS Client
  - B. With live view pop-up window, when alarm keeps occurring, the 4th pop-up window (most recent alarm) overtakes the 3rd pop-up window (2nd recent alarm) instead of the oldest alarm. Fixed to overtake the oldest pop-up window

Known Issue

- NCS Client
  - A. If an Alarm Note is already written in Alarm Management window, and its alarm status is then changed from Real-Time Alarm list using Hotkey functions, the Alarm Note will appear as blank. However you can still find the Alarm Note details with Advance Alarm Search (under Tools)

Support OS

- Windows XP 32 bit
- Windows Vista 32 bit
- Windows 7 32 bit and 64 bit
- Server 2008 R2 (64 bit)
- Server 2012 R2
- Windows 8 64 bit (Need to disable Windows UAC before starting NCS system)
- Windows 8.1 32 bit and 64 bit

Support NUUO product line

- Mainconsole: 4.1.0 or later (DVR card only support SCB-6000/6000S/7000/7000S/7100/8000HD)
- NVRmini: 2.6
- NVRmini2: 1.6.1 or later
- NVRsolo: 1.0 or later