

NUUO MainConsole IP+

Release Version 8.10.0.90, Nov 4th, 2024

Version Overview

Item	Description	Version
MainConsole	Windows-based VMS program, including server, client, and failover components	8.10.0.90
Device Pack	Discrete camera drivers for both MainConsole and FailoverAgent	24.1.0.802

New Features

1. Supports user operation logs for both LiveView and Playback.
2. Keyword search for user operation logs is available.
3. [Specific DP required] Supports 4-stream functionality for select CP Plus cameras via ONVIF.
4. [Specific DP required] Supports HTTPS protocol for select CP Plus cameras via ONVIF.

Enhancements

1. Officially supports Windows 11.
2. Both OnGuard and FailoverAgent now support logging the operational status (z52102).
3. The plugin for HTTP Notify v2.1.5.0 is now built-in.
4. The plugin for IVS AI v2.2.3.2 is now built-in.
5. DevicePack for MC 24.1.0.802 is now built-in.

Bug fixed

1. Revised the code for both OnGuard and FailoverAgent, implementing new behaviors to improve stability.
2. Fixed an issue where the model name of the camera disappeared, causing abnormal restarts (z51182).
3. Resolved an issue where a network service hang caused MainConsole to crash (z48506-20240607).
4. Resolved an issue where files might not be comprehensively uploaded to FTP during Auto-Backup in certain scenarios.
5. Resolved an issue where files from the FailoverAgent might not be fully uploaded to FTP when using the Backup functionality.

Known Issue

1. Please change the password of FailoverAgent accordingly if the password of MainConsole is changed.
2. To display characters from different countries or regions correctly, go to Windows Settings > Region, adjust the System Locale, and ensure that the language and region settings are aligned.
3. It is not recommended to use the backup functionality while any playback program is accessing the same recordings.



Release Version 8.9.0 Feb 22nd, 2024

Feature

1. Support NUUO proprietary encryption on streaming video data.
2. Fix orders of monitors when having 3 or more monitors.
3. Improve auto-scan behavior of Live View

Bug fixed

1. [Live View] Incorrect Recording Status may be displayed.
2. [Live View] E-Map stopped responding when showing many indicators.
3. [Playback] Invalid color bar was shown when using fast-forward.

Supported Device Pack

- Device Pack 24.1.0.210



Release Version v8.8.0

Feature

- [Playback] Improve fast-forward performance.
- [Playback] Add a button to check / uncheck all cameras in Date Time Search Dialog.

Bug fixed

- [Failover Agent] Addressed an issue that Failover Agent is not working properly which reported in v8.8.343
- [Mainconsole] 64-bit Mainconsole may not run correctly in Windows 8.1 and later.
- [Mainconsole] Show "Can't properly load database template" when starting Mainconsole v8.7.2 and v8.7.3
- [Mainconsole] Handle special escape characters when configure Plugin settings in Metadata Application
- [LiveView] "Remote PTZ Privilege" is not working when using a joystick.

Supported Device Pack

Device Pack v22.7.0.30



Release Version v8.7.3

Bug fixed

- [Mainconsole] In Tab Log Recycle of Storage Setting, add an option "Keep display data with bookmark for 180 days" to avoid IvsRecord.db and MdxRecord.db filling up Windows C: drive.
- [Mainconsole] Solve a crash bug when reading IVS error message on startup.
- [LiveView] Solve a memory-leak problem on a failed live-view connection.

Supported Device Pack

Device Pack v22.7.0.30



Release Version v8.7.2

Feature

- [Mainconsole] Support external RESTful API.
- [Mainconsole] Support up to 128 metadata devices.
- [Mainconsole] Metadata transaction is attached in notification E-Mail of SmartGuard.
- [Mainconsole] Support Metadata Extension.

Bug fixed

- [LiveViewer] Auto re-login fails when user password is changed.
- [Playback] Unable to play 2nd stream video in some situations.
- [Mainconsole] Metadata transaction exceeding 32KB is wrongly truncated.
- [Mainconsole] Error message "Failed to create back surface" will disappear.

Supported Device Pack

Device Pack v22.3.0.99



Release Version v8.7.1

Feature

- [Playback] Improve performance in fast-forward playback.

Bug fixed

- [Mainconsole] Update CPU loading calculation function.
- [Mainconsole] Fix a crash bug due to unsupported codec header.
- [Mainconsole] Fix a crash bug due to an unhandled exception.
- [Device Pack] Update Device Pack for solving some edge record issues.

Supported Device Pack

Device Pack v21.8.0.8



Release Version v8.7.0

Feature

- [Playback] Support multiple selection on cameras in Date Time Search Dialog.

Bug fixed

- [Mainconsole] TCP Receiver Client may fail to receive metadata when network connection is once broken and then recovered.
- [Mainconsole] Plug-in ACTCPClient and LPRTCPClient may fail to receive metadata when network connection is once broken and then recovered.
- [Mainconsole] Some SmartGuard actions with snapshots, such as FTP/E-Mail/Send-to-CMS, may not be triggered properly.
- [Mainconsole] Solve NVIDIA Quadro P620 compatibility issue.
- [Mainconsole] Instant Playback may fail when login as a user account which does not have all device's access privileges granted.
- [Mainconsole] IVS settings may be lost when upgrading Mainconsole from version 7.8 (inclusive) to newer version.
- [Mainconsole] Solve a bug in applying settings when configuring User Define region in Metadata Application.
- [Mainconsole] SmartGuard On-Screen Display text may not be displayed properly when the text is too long.
- [Mainconsole] Connecting a camera with audio via RTSP service may fail.
- [Mainconsole] When using the x64 version of Mainconsole, running Auto-Backup to FTP takes too much time and may fail.
- [Playback] In Smart Search, generate one search result every 10 seconds when there is continuous motion in video.
- [LiveViewer] Fix invalid On-Screen-Display text in some specific languages.
- [LiveViewer] SmartGuard On-Screen-Display text may fail to display after starting to connect the camera.
- [LiveViewer] It may crash when logging out of LiveViewer.

Supported Device Pack

Device Pack v21.8.0.23

Release Version v8.6.0

Feature

- [Playback] Support exporting AVI(MPEG4)

Bug fixed

- [Mainconsole] Fix timestamp of recorded video file if timestamp from ip camera is incorrect.
- [Mainconsole] Fix timestamp when entering Summer Time (for example, at 2:00 AM on last Sunday of March in the European timezone).
- [Mainconsole] The snapshot attachment in EMail may be empty when running SmartGuard.
- [Mainconsole] Name of metadata source may be lost when editing metadata source.
- [Mainconsole] When executing Auto-backup, FTP operation fails if the target NAS is Linux-Based.
- [Mainconsole] IVS setting change may not be properly applied.
- [Mainconsole] Primary View Setting may disappear when selecting "Fix Aspect Ratio".
- [Mainconsole] Audio may be lost when using Audio Redirection in the Mainconsole Hybrid version with 7000 series capture cards.
- [Mainconsole] Record-on-motion may fail when Mainconsole starts up.
- [Playback] In Date Time Search Dialog, when selecting some channels, the Video Preview may show another wrong channel.
- [Playback] When playing video, an error message may popup: "The connection is terminated or timeout".
- [Playback] OSD is missing when using "Search Mode".
- [Playback] Camera name is missing when using "Select Folder" in Date Time Search Dialog.
- [Remote Live Viewer] When enabling the checkbox "Auto Reconnect Cameras" and press OK, this setting is not applied.
- [Remote Live Viewer] Manually canceling an event may not work properly.

Supported Device Pack

Device Pack v21.2

Release Version v8.5.0

Feature

- Support new I/O Box A10.
- Add Snapshot Icon in MainConsole and Remote Liveviewer to trigger a snapshot.

Bug fixed

- Audio flickers when using boosting records.
- Playback.exe crashes when selecting video in DateTime Search Dialog.
- RTSP service performance is improved.
- Mainconsole.exe/LiveViewer.exe/Playback.exe crashed when running on some particular screen resolutions.
- Recording disk auto balance algorithm is improved.
- The Talk function was not working in Remote Liveviewer.
- Running metadata search caused memory leak in Liveview.exe/Playback.exe/Backup.exe

Supported Device Pack

Device Pack v20.1

Release Version v8.0.0

Feature

- New black interface.

Bug fixed

- Update all rights reserved announcement.
- Exit the preview settings page main window will be covered by other windows
- Remote Live view can't move pan and tilt when clicking the right button of the mouse to enable PTZ function.
- Volume control is not available on the web page.
- In playback Screen viewing the Date/Time Search Window, black lines are appearing on the timeline when moving the mouse around.

Supported Device Pack

Device Pack v18.7

Release Version v7.10.0

Enhancement

- Enhancement Some internal displays cannot be used
- Enhancement Decode performance.

Bugs Fixed

- Fix bug of can't display Sunell fisheye camera.
- Fix memory leak issue.
- Fix bug of always show disconnect message when restart Remote live viewer
- Fix report service counting display issue.
- Fix bug of IVS Motion detection time error.
- Fix bug of IVS counting error of dialog.
- Fix bug of Mainconsole crash when playing RTSP stream via VLC.
- Fix bug of Mainconsole crash when audio is too many.
- Fix bug of Mainconsole random crash when close.
- Fix bug of dialog url not aligned problem

Supported Device Pack

Device Pack v18.7

Release Version v7.9.0

New Features

- Add "Enable keyframe mode" in playback fast-forward
- Live viewers support auto reconnection.
- Web Client and Report Service support https.
- Auto select camera channel and time period as latest playback view.

Enhancement

- Keep frame buffer up to 5000ms.

Bugs Fixed

- Metadata search in Remote Live/Playback can't find data.
- Japanese language display issue.
- Can't close the warning message window when deleting the camera device.
- MainConsole random crash when adding multiple cameras with audio.
- Dialog flickering when datetime search.
- Playback crashes when selecting the same folder path twice in "Select Folder".

Supported Device Pack

Device Pack v18.7

Release Version v7.8.0

New Features

- Add 256 preset point functions.
- Add Audio redirection function.

Enhancement

- Update all the language files.
- Add version info.
- Tweak the UI layout of the Metadata Plugin.
- Update DiagnosticService version to 3.3.0.2.
- Update JPN language pack for Web Client

Bugs Fixed

- Error message from "Error: No COM port can be found." to "Error: No COM port can be found."
- Recording break issue.
- Can't add a new account in Address Book.
- Mainconsole crashes when clicking OK on the ScheduleConfigDlg under Turkish.

Supported Device Pack

Device Pack v18.9

Release Version v7.7.0

New Features

- Add Remote Desktop Service back.

Enhancement

- Change both system log and event log default keeping day to 90 days.

Bugs Fixed

- Double click should not change layout when the layout is forced to be 1x1.
- E-Map review issue.
- Playback crash issue.

Supported Device Pack

Device Pack v18.7

Release Version v7.6.1

Bugs Fixed

- Playback crash issue.

Supported Device Pack

Device Pack v18.7



Release Version v7.6.0

Bugs Fixed

- Record overlap or gap issue.

Supported Device Pack

Device Pack v18.6



Release Version v7.5.2

Bugs Fixed

- Mainconsole failed to save recording schedule change after restart.
- Mainconsole crash issue
- HH2 version channel OSD display issue

Supported Device Pack

Device Pack v18.6



Release Version v7.5.0

New Features

- Export encrypted user privilege for GDPR compliance.
- Signal lost notification on certain stream(s) of one channel.

Enhancement

- Registry protection

Bugs Fixed

- E-map preview issue

Supported Device Pack

Device Pack v18.5

Release Version v7.4.0

New Features

- Continuous focus support

Enhancement

- Web Client vulnerabilities

Bugs Fixed

- Report Service snapshot can't be displayed.
- Log Viewer of 64-bit version Mainconsole crashes.
- E-map of LiveView & Web LiveView crashes without administrator privilege.
- Mainconsole doesn't detect DI disconnection events.

Supported Device Pack

Device Pack v18.4

Trusted Video Management

Release Version v7.3.0

New Features

- 128 channels support
- Display 32-bit or 64-bit in the Mainconsole About dialog

Enhancement

- LiveView and Playback can be executed by non-system administrators
- LiveView and Playback now get the default language from xml instead of registry
- Update the copyright(2004-2018) of all programs

Bugs Fixed

- Fix the issue that users cannot select dates beyond the current month
- Fix Compound Event setting issue
- Fix Mainconsole crash issue
- Fix LiveView "Stop sound alert after n sec" does not work
- When Mainconsole "runs as a Windows service", it should start the version
(32bit or 64bit) launched by the user.

Supported Device Pack

Device Pack v18.2

Release Version v7.2.0

New Features

- LiveView support export/import server list
- LiveView support export/import server group list
- LiveView add Set Default Profile Setting function

Enhancement

- Upgrade storage group error message

Bugs Fixed

- Fix 32/64-bit OnGuard issue
- Fix storage location number issue
- Fix IVS configurations disappear after restarting Mainconsole if the configurations contain strings which are not encoded in ASCII
- Fix audio encode to G726 will have noise

Supported Device Pack

Device Pack v5.15

Release Version v7.1.0

Enhancement

- Add silent model support on client pack
- Add channel filter support on playback
- Enable record audio by default for recording schedule
- Delete multiple cameras by multiple selection

Bugs Fixed

- Fix Main Console Hebrew OSD display problem
- Fix IVS Presence display issue
- Fix Diagnostic x64 version dump collection
- Fix display name of the ONVIF camera search
- Fix repeated settings will make Nuface fail to get the data
- Fix Tag Filter issue

Supported Device Pack

Device Pack v5.12

Release Version v7.0.0

Enhancement

- Upgrade Mainconsole and Failover to 64 bit version
- Support Windows 10
- Support 4K2K resolution monitor
- Support historical logs of remote access
- Support silent install when install Mainconsole
- Add “Remote Access” support and remove remote desktop
- Add “Lock System ”feature on Remote Live Viewer

Note:

- Remove dongle support
- Do not support IP Bridge on 64bit Mainconsole
- Remove EverFocus access control on 64bit Mainconsole
- Mainconsole hybrid only support 32 bit version
- Independent graphic card is needed to support Mainconsole 7.0

Supported Device Pack

Device Pack v5.5

Release Version v6.11.0

New Features

- Support G.265

Bugs Fixed

- Fix the issue of DI that could not be closed.
- Fix Liveviewer did not show event message on screen when live view switch layout to 1x1
- Fix side-by-side error occurs to backedup playback.
- Fix Playback.exe and other DLLs are not included in the backup directory.
- Fix Playback out of sync when the network is slow.
- Fix general motion events triggered without any motion occurred when entering a schedule interval.
- Fix after setting twice, Mainconsole will not be able to receive Nuface data.

Supported Device Pack

Device Pack v5.9

Release Version v6.10.0

Bugs Fixed

- Fix Window Active Directory user can not see failover record video when using Playback
- Fix Mainconsole crash when Remote Playback connected
- Fix msad user with dual password, will fail to remote login playback, live view and backup app
- Fix Text on Event Action Screen will not show when multi event happened
- Renew language of Simple Chinese
- Fix Compound event schedule malfunction
- Fix Color tag of Event in Date Time Search Dialog will not save setting

Supported Device Pack

Device Pack v5.2



Release Version v6.9.0

Enhancement

- Compound Event support Push Notification event

Bugs Fixed

- Fix compound event related issue
- Fix MC pop up already running issue in restart status
- Fix Metadata information fail to display in User Defined area

Supported Device Pack

Device Pack v5.2



Release Version v6.8.0

Bugs Fixed

- Fix Mainconsole remote live viewer pop-up issue
- Fix MC IVS Reporting Negative counts
- Fix Compound Event renamed leads to event trigger fail.
- Fix Auto-backup fail issue

Supported Device Pack

Device Pack v5.1



Release Version v6.7.0

Bugs Fixed

- Fix no device shows on web client, and cannot generate reports
- Fix Metadata OSD on live view does not synchronize with it on playback
- Fix All Event list vanish if any event are deleted

Supported Device Pack

Device Pack v4.16



Release Version v6.6.0

Bugs Fixed

- Fix Axis Edge Record malfunction
- Fix IVS setting configuration disappear

Supported Device Pack

Device Pack v4.16



Release Version v6.4.0

Enhancement

- Support Interconnect with Nuclient 3.2.0.
- New event added "Lost Record Detection"
- Multiple grip 2 x 2 or above default to "normal stream."

Bugs Fixed

- Fix remote client 6.3 crash issue, which was triggered by connecting 6.3 client with older version Mainconsole server.
- Fix IVS Counting issue.
- Fix recording overlap abnormally.
- Fix IVS false alarm issue that was triggered by Digital Input.
- Fix drag and drop issue on playback dewarp
- Fix Gmail issue that cannot send email from Mainconsole by Gmail service
- Fix report service issues that Sunday data will miss by using auto-send weekly reports.

Supported Device Pack

Device Pack v4.13

Known Issue

- Lost Record Detection Event does not support CMS and Mobile Client.

Release Version v6.3.0

Enhancement

- Support PTZ Idle Handling in Remote Live Viewer and NCS Client
- Support License Management Tool in UAC mode
- Support IVS counter decrement data display in Web Client Report Service

Bugs Fixed

- Fix License Management Tool offline activation unable to function normally
- Fix Remote Live Viewer unable to instant playback
- Fix Remote Live Viewer unable to display IVS result
- Fix Generic camera unable to do PTZ
- Fix Vivotek camera connection issue
- Revise IVS transfer license message

Supported Device Pack

- Device Pack v4.10



Release Version v6.2.0

Enhancement

- Modify low disk space notification threshold: Notify users if any of a HDD's free disk space has dropped below 1000 MB
- Modify recording mechanism: write in a video file in every 5 minutes or 200 MB
- Revise wording using in License Management Tool

Bugs Fixed

- Fix recording occasionally discontinuity issue
- Fix ID which SCB-A08 used to "Address: 01" only
- Fix web playback unable to switch to full screen mode
- Fix changing stream profile will lead to default Fisheye Dewarp image position

Supported Device Pack

- Device Pack v4.9

Notice

- For clients using **Web Client Report Service**, downgrading to any previous version will lead to **data compatibility issues**.

Release Version v6.1.2

Bugs Fixed

- Fix playback performance to play back more fluently high resolution videos
- Fix Remote Live Viewer cannot download newer version from Mainconsole server
- Fix Remote Live Viewer cannot pop-up event OSD when first login
- Fix Remote Live Viewer virtual memory rising when connecting to Mainconsole server
- Fix ONVIF cameras cannot get audio issue
- Fix missing recording data in playback when record on event
- Fix pre-recording issue

Supported Device Pack

- Device Pack v4.7

Notice

- **Mainconsole (CT-8000IP included) stops supporting CT-8000ES as external storage temporarily until update in future release**

Release Version v6.1.1 (2015/11/05)**Enhancement**

- Support new metadata type: "Nu-connection" with source: "NuFace"
- Enhance H.265 decode performance
- Support export IVS Display (zone, line, counter and blobs etc.) in Live View for Playback, Backup and Auto Backup (blobs is excluded)
- Support Backup System, Playback System and Remote Live Viewer to add server via Eznuuo ID
- Support separate metadata storage path to secure transaction data security
- Web Client support embedding server username and password in URL to login directly
 - A. For Live view: (Server IP and Port Number please refer to network service)
<http://10.0.11.74:8080/www/liveview-htmlskin/LiveView.html?user=admin&password=12345>
 - B. For Play back: (Server IP and Port Number please refer to network service)
<http://10.0.11.74:8080/www/playback-htmlskin/playback.html?user=admin&password=12345>
- Remote Live Viewer support live view buffer time for smooth live view experience, and for now the above camera models support this function: (In alphabetical order)
 - A. Hikvision: Generic Series
 - B. Samsung:

SND-5080/F	SNO-5080R	SNV-5080R	SNV-5080	SNB-3002	SNV-3082
SND-3082/F	SNB-1000	SNO-7080R	SPE-400	SNB-7002	SNO-7082R
SND-6083	SNB-6003	SNB-6004	SND-6084	SND-6084R	SNO-6084R
SNO-6084	SNV-6084	SNP-5300	SNP-6200R H	SNF-7010V	SNB-5004
SND-5084	SNV-5084	SND-5083	SNV-6012M	SND-6011R	SNO-6011R

C. Vivotek: 7000& 8000 Series

- Support Remote Live Viewer to turn off Mainconsole alarm in Event Report
- New version notification in UI to turn on/off notification

Bugs Fixed

- Fix playback performance issue to play back high resolution video
- Fix Dynacolor camera disconnection issue

Supported Device Pack

- Device Pack v4.6

Release Version v6.0.5 (2015/08/26)

Bugs Fixed & Enhancement

- A. Fix error "Cannot create XMLDOMDocument Install MSXML6.0"
- B. Fix Device pack information error on Windows OS 2008
- C. Upgrade device pack from v4.3 to v4.4

Supported Device Pack

- Device Pack v4.4



Release Version v6.0 (2015/08/11)

New Features

- New Web Client support Report Service for Counting Result and Heat Map
- RTSP Streaming for Easy Integration.
- *Support H.265 Decode
- *Essential IP Camera Configuration on Server
- *Support 4 Types of Edge IVS Event (motion, tampering, tripwire, and perimeter detection) *Please refer DP 4.3 for supported brand and model

Enhancement

- Camera search is able to detect camera model as ONVIF and vendor model
- System Log for Unstable Throughput
- Support system configure auto backup before version upgrade
- Support one on one CT-8000IP with CT-8000ES as External Storage without building RAID 5

Bugs Fixed

- Fix failover server cannot connect Mainconsole (in run as service mode) under certain condition
- Fix auto backup video to ftp fail to complete
- Fix Dewarp mode cannot keep after Mainconsole restart
- Fix send snapshot to ftp malfunction under some condition
- Fix compatibility issue on recording data between previous and latest Mainconsole
- Fix Remote Live Viewer to display correct bitrate

Supported Device Pack

- Device Pack v4.3

Release Version v5.2 (2015/03/31)

New Features

- Help Manager
- Diagnostic Service
- IVS Motion Scramble on Live View
- Backup / Export Video Encryption
- Run as Windows Service

Enhancement

- Display ONVIF Model when Search
- Stream Profile Privilege Control
- Server List Import Export
- Auto backup update, support new format: .avi; support new target: FTP
- Update Soyal Access Control Integration to support digital input information

Bugs Fixed

- Fixed stable issue when remote playback conduct log search
- Fixed issue that MSAD account fails to login local machine on Playback System and Backup System
- Fix issue that auto backup may not retry correctly
- Fix issue that recording schedule may not be applied correctly
- Fix issue that Remote Live Viewer may not show correct channel when event pop up
- Fix issue the bit rate values is incorrect on remote live viewer

Supported Device Pack

- Device pack v3.13