

# **NMS – version history**



## **Version 1.39.29**

### **Changes:**

- Added: option to disable reading channel names from the device for NVR7000

## **Version 1.39.27**

### **Changes:**

- Fixed: control of 5000 series PTZ cameras from the client
- Fixed: 7000 series cameras focus control
- Fixed: display of ANPR data on the client
- Fixed: search in the POS module
- Added: set the VBR/CBR configuration of 7000 series cameras

### **New devices supported:**

- NVIP-2DN3037V/IR-1P
- NVIP-4DN3517V/IR-1P

## **Version 1.39.25**

### **Changes:**

- Added option to display camera in hotspot mode on Video2
- Fixes in the Maps module
- Fixes in the ANPR module

### **New devices supported:**

- NVIP-4DN3516D/IR-1P
- NVIP-2DN3038D/IR-1P

## **Version 1.39.24**

### **Changes:**

- Added a column with record state in the window "Record info"
- Added start playback from logs with time before the event
- Fixes in the NTP server configuration
- Fixes in the NMSBackup module
- Fix in AVI export (synchronization audio-video)
- Fix support for audio streams with ALAW compression for the 5000 series cameras
- Fixes in translations

## **Version 1.39.21**

**New devices supported:**

- NVIP-8DN3512H/IR-1P
- NVIP-2DN3033V/IR-1P-II
- NVIP-2DN3034V/IR-1P-II
- NVIP-2DN3036V/IR-1P
- NVIP-2DN3036H/IR-1P
- NVIP-2DN2006V/IR-1P

**Changes:**

- Fix events for 2000 series cameras
- Pause streams for AHD NVRs
- Fixes in the Events module
- Fixes in the ANPR module
- Fixes in the POS module
- Improved compatibility with ONVIF cameras
- Fixes in the Screenshot module

**Version 1.39.16****New devices supported:**

- NVIP-2C5000ATM

**Changes:**

- Added share in/out from V-1000
- Added advanced search for POS and Analytics
- Fixes in user permissions
- Fixes in AHD and 7000 NVRs integrations
- Fixes in UI and translations
- Resolved: missing KeepActiveMonitor option on client
- Fix in VOD function
- Fix in NTP configuration
- Fixed export POS transactions
- Fixed export to AVI for NVR5000

**Version 1.39.11****New devices supported:**

- NVIP-8DN3512V/IR-1P
- NVIP-4DN5002V/IRH-1P

**Changes:**

- Resolved issue of connecting a large number of clients to the server
- Added checking administrator privileges at startup
- Added path configuration for exporting AVI and PAK files
- Fix for NVRs in map module
- Fixes in the event module
- Fixed connection problem via RTSP protocol
- Automatically close apps running by administrator (NVR embedded)

### **Version 1.38.34**

#### **Changes:**

- Export to PAK fixes
- Fixed downloading of exported files from server
- Fixed application bug for 5000 series cameras
- Improved camera search

### **Version 1.38.28**

#### **New features:**

- Few translation fixes
- Improved export mechanism to .pak format

### **Version 1.38.27**

#### **New features:**

- Improved translation into Hungarian
- Added support for ONVIF camera IP PTZ SAMSUNG
- Export patches in .pak format
- Improved sub-window operation
- Improved display of errors during bad SMTP configuration

### **Version 1.38.24**

#### **Supported devices:**

NVIP-3DN5030SD/IR-2P

#### **New features:**

- Fixed translation errors
- Fix motor zoom in NVIP-4DN3513H
- Added export to .dat format for NVR7000 series
- Video refresh rate changed
- Fixed exporting to .pak format
- Add minor fixes for ANPR2
- Fixed remote permissions to streams
- Improved control of fisheye cameras

### **Version 1.38.21**

#### **New features:**

- Improved saving logs of POS and analytics searching
- Added event "Nms Start-Up"
- Fixed PTZ camera control via DCZ keyboard
- Added option to launch an alarm recording for the selected stream
- Corrected permission to view recordings
- Added minor fixes to AHD recorders
- Increased export limit for .avi files to 2GB

- Fixed audio playback on recordings
- Several improvements for I / O in NVIP-6DN5021H / IRH-1P cameras
- Fixed PTZ camera control with mouse
- Few fix for NVR7000 integration
- Improved for events and methods Base Subscription
- Added function "Keep monitor active"
- Updating NMS in silence mode

### **Version 1.38.13**

#### **New features:**

- Fixed connection to NVR7000 using domain ddns
- Fixed events for video analytics

### **Version 1.38.11**

#### **Supported devices:**

NVIP-4DN3515V/IR-1P

#### **New features:**

- Code optimization for integration NVR7000
- New integration for NVR7000 display correctly on the device list
- Adding translations and minor fixes for ANPR2
- Improved support for events and methods Pullpoint Base Subscription
- Improved control for cameras fisheye type for users other than administrators
- Few fixes for record info report

### **Version 1.38.5**

#### **Supported devices:**

NVIP-5DN2004H/IR-1P

NVR-7716P16-H2

#### **New features:**

- New integration of series NVR7000
- Added export to csv format records report
- Correction default ip address in IPTOOL
- Support rtsp stream for cameras AVIGILON
- Fixed display of descriptions for function NMS
- Adapting integration ANRP2 to the latest manufacturer's recommendations
- Fixed synchronization of time in audio recordings
- Few improvements for thermal cameras

- Improved handling of events in the ONVIF standard

### **Version 1.37.34**

#### **Supported devices:**

NVIP-2DN5120SD/IRH-2  
NVIP-3DN3552H/IR-1P  
NVIP-4DN7540D/IR-2P

#### **New features:**

- Fix "Tour" and "Tour in Idle" for PTZ 5000 series on Server and Client
- Fixbug „timer” in event settings
- Synchronization audio-video streams (rtp timestamps)
- Division change call autofocus on 7000 ptz cameras

### **Version 1.37.31**

#### **Supported devices:**

NVIP-12DN7023V/IR-1P  
NVIP-12DN7560V/IRH-2P  
NVIP-8DN7560V/IRH-2P  
NVIP-4DN2001H/IR-1P  
NVIP-4DN2001V/IR-1P  
NVIP-4DN2002H/IR-1P  
NVIP-4DN2002V/IR-1P  
NVIP-4DN2004H/IR-1P  
NVIP-4DN2004V/IR-1P  
NVIP-4DN4500C/IR-2P  
NVIP-4DN3500C/IR-2P  
NVIP-2DN3031V/IR-1P  
NVIP-2DN3034V/IR-1P  
NVIP-1DN3034V/IR-1P  
NVIP-1DN3032V/IR-1P  
NVIP-1DN3031H/IR-1P

#### **New features:**

- Support ONVIF camers with NMS Key
- Searching engine in Add device window
- Database optimization\*

\* new logs database mechanics doesnt't support previous database records

### **Version 1.36.15**

#### **Supported devices:**

NVIP-2DN5022/DPT-1  
NVIP-T5X/DPT-1

#### **New features:**

- Saving video views permission



## **Version 1.36.12**

### **New features:**

- PTZ rights for users group

## **Version 1.36.8**

### **Supported devices:**

NHDR-XXXX HYBRID  
NVIP-5DN3512V/IR-1P  
NVIP-5DN3512H/IR-1P  
NVIP-4DN3513H/IR-1P  
NVIP-1DN3031V/IR-1P  
NVIP-1DN3033V/IR-1P  
NVIP-2DN3033V/IR-1P

## **Version 1.35.12**

### **Supported devices:**

NVIP-T5000H-1P  
NVIP-T5001H-1P  
NVIP-T5002H-1P  
NVIP-T5003H-1P  
NVIP-T5004H-1P  
NVIP-1DN3030H/IR-1P  
NVIP-1DN3031H/IR-1P  
NVIP-1DN3031V/IR-1P  
NVIP-1DN3032V/IR-1P  
NVIP-1DN3033V/IR-1P  
NVIP-1DN3034V/IR-1P  
NVIP-2DN3033V/IR-1P  
NVIP-2DN3034V/IR-1P  
NVIP-2DN7460H/IR-2  
NVIP-2DN7400C-1P  
NVIP-5DN3512H/IR-1P  
NVIP-5DN3512V/IR-1P

### **New features:**

- Automatically deleting records after specific time period

## **Version 1.34.31**

### **Supported devices:**

NVIP-4DN7000C-1P  
NVR 7000



## **Version 1.34.25**

### **Supported devices:**

NVIP-6DN7000C-1P

NVIP-8DN7560H/IRH-2P

## **Version 1.34.21**

### **Supported devices:**

NVIP-4DN3511H/IR-1P

NVIP-4DN3512H/IR-1P

NVIP-4DN3513V/IR-1P

NVIP-4DN3514V/IR-1P

NVIP-4DN5002H/IRH-1P

NVIP-4DN5042V/IRH-2P

### **New features:**

- H.265/HEVC fully supported
- New analytic logs
- Counters
- Stream supervisor
- New input action: Stream recovery

## **Version 1.33.51**

### **Supported devices:**

NVIP-2DN3030H

NVIP-2DN3030V

NVIP-2DN3031H

NVIP-2DN3031V

NVIP-2DN3032V/IR-1P

NVIP-3DN3053H/IR-1P

## **Version 1.33.35**

### **Supported devices:**

NVIP-3DN7030SD-2P

### **New features:**

- Video window shortcuts (F1-F6)
- Client mode for default POS device

### **Version 1.33.23**

#### **New features:**

- Avi export queuing
- Search engine for devices

### **Version 1.33.18**

#### **New features:**

- Recordings integrity analysis

### **Version 1.32.72**

#### **New features:**

- Export: Transfer speed limit from Server

### **Version 1.32.66**

#### **Supported devices:**

NVIP-4DN3060H/IR-1P  
NVIP-4DN3061H/IR-1P  
NVIP-4DN3060V/IR-1P  
NVIP-4DN3061V/IR-1P  
NVIP-4DN3062V/IR-1P

### **Version 1.32.62**

#### **New features:**

- Output reaction: Highlight frame with camera
- Activate coloring playback bar for POS operations

### **Version 1.32.46**

#### **Supported devices:**

NHDR-XXXXAHD

#### **New features:**

- Added 5th and 6th video window
- Supervisor
- Import DVR-H configuration from XML file
- Output reaction: Record selected channel

### **Version 1.32.31**

#### **Supported devices:**

NVIP-1DN3040V/IR-1P-II  
NVIP-1DN3020V/IR-1P-II  
NVIP-6DN5060V/IRH-1P  
NVR-5404POE  
NVR-5609  
NVR-5625  
NVR-5836

#### **New features:**

- Support new integration for NMS-ANPR

### **Version 1.32.16**

#### **Supported devices:**

NVIP-1DN3001V/IR-1P-II  
V-1000/IOM

#### **New features:**

- Permissions for video windows
- Permission: Screenshot
- Output reaction: Restart NMS application
- Delay download for exported files
- Exported files remote management

### **Version 1.31.42**

#### **Supported devices:**

NVIP-ATM200

### **Version 1.31.39**

#### **New features:**

- Remote AVI export
- PTZ priorities

#### **Supported devices:**

NVIP-1DN3000H/IR-1P-II  
NVIP-3DN3011H/IR-1P  
NVIP-3DN3012H/IR-1P  
NVIP-3DN3012V/IR-1P  
NVIP-3DN3013V/IR-1P  
NVIP-3DN3014V/IR-1P

NVIP-1DN3000V/IR-1P-II  
NVIP-1DN3020H/IR-1P-II

### **Version 1.31.28**

#### **New features:**

- THERMAL protocol support for fiscal printers
- Additional PTZ features for cameras from 5000 Series
- New input action: Logged User
- Login with confirmation
- Possibility of closing NMS by the OS

#### **Supported devices:**

- NVR 5000
- NVIP-3DN3050H/IR-1P
- NVIP-3DN3051H/IR-1P
- NVIP-3DN3050V/IR-1P
- NVIP-3DN3051V/IR-1P
- NVIP-3DN3052V/IR-1P
- NVIP-3DN3052H/IR-1P
- NVIP-2DN5022SD/IRH-2

### **Version 1.30.37**

- added display buffer
- fixed video display for 3000 series cameras

### **Version 1.30.35**

#### **Remote functions:**

- Two-way audio for cameras:
  - NVIP-2DN2001D
  - NVIP-2DN2002D/IR-2P
  - NVIP-2DN3001H/IR-2P
  - NVIP-2DN3002H/IR-2P
  - NVIP-2DN3003H/IR-2P
  - NVIP-2DN3004H/IR-2P
  - NVIP-2DN4001V/IRH-2P
  - NVIP-2DN5001C-1P
  - NVIP-2DN5001C
  - NVIP-2DN5018CZ-2P
  - NVIP-2DN6020SD
  - NVIP-5DN2021D/IR-2P
  - NVIP-5DN5001C-1P
  - NVIP-2DN6010SD
  - NVIP-2DN6020SD-2P
  - NVIP-DN6137SD
  - NVIP-TC2401D/MPX1.0
  - NVIP-TC5400C

- NVIP-TC5401C/MPX2.0
  - NVIP-TDN3401H/IR/MPX2.0
  - NVIP-TDN4401V/IR/MPX2.0
  - NVIP-TDN5401C/MPX2.0
  - NMS application can work as a service
  - Integration with Active Directory
  - Correction of zoom control in the Client operation mode
  - Correction of playback at faster speeds
  - Remote configuration of the server
  - Speed limit for export to .avi
  - Correction of random losses of streams in the Client operation mode
  - Correction of RTSP streaming on the Server
  - POS devices support
  - Correction of the Server mode operation
  - Dynamic administration of displayed streams. Sending information on stream usage (main stream, split stream).
  - Correction of PTZ control in the Client operation mode
  - Correction of camera connection via the domain address
  - Sharing remote inputs and outputs on the server
  - Remote logs
  - Sending information about motion
  - Live picture and sound playing
  - Recording playback (both audio and video) from remote server
  - PTZ control
  - Access to remote functions granted in accordance with privileges of the user logging in to remote server
  - WWW video display via internet browser and mobile devices (mobile phones, PDAs etc.).
- Adjustable resolution of the video stream.
- Application statistics available via WWW
  - Features possibility of remote surveillance for any software which is RTP/RTSP compatible.

#### **Local functions:**

- support for barcode readers
- window with information about recordings
- new division 6x7
- Time reaction trigger,
- Screen shots printing,
- recording CD/DVD,
- Mobile application support
- Two-way audio for cameras:
  - NVIP-2DN2001D
  - NVIP-2DN2002D/IR-2P
  - NVIP-2DN3001H/IR-2P
  - NVIP-2DN3002H/IR-2P
  - NVIP-2DN3003H/IR-2P
  - NVIP-2DN3004H/IR-2P
  - NVIP-2DN4001V/IRH-2P
  - NVIP-2DN5001C-1P
  - NVIP-2DN5001C
  - NVIP-2DN5018CZ-2P
  - NVIP-2DN6020SD
  - NVIP-5DN2021D/IR-2P

- NVIP-5DN5001C-1P
- NVIP-2DN6010SD
- NVIP-2DN6020SD-2P
- NVIP-DN6137SD
- NVIP-TC2401D/MPX1.0
- NVIP-TC5400C
- NVIP-TC5401C/MPX2.0
- NVIP-TDN3401H/IR/MPX2.0
- NVIP-TDN4401V/IR/MPX2.0
- NVIP-TDN5401C/MPX2.0
- HTTP & RTSP stream number limits
- Event schedule
- New split screens
- NMS Player for recordings
- Export of recordings to NMS format
- Privacy zones
- Ability to limit users to view recordings
- Ability to restrict access to the digital zoom
- Configuration of basic camera parameters (resolution,bit rate, frame rate, codec)
- Playback function for H series DVRs
- Full screen button has been added to a video window
- Setting the percentage of recording space for each stream
- Expected recording time has been included in the Schedule
- Correction of digital zoom control
- Tamper detection for selected FullHD cameras
- Correction of NMS operation with Windows XP
- Correction of video player operation
- Correction of export to .avi
- POS devices support
- Two extra video windows
- Unconfirmed event log
- System events
- DST/standard time switch detection
- Correction of export to .avi
- Correction of video player operation
- Correction of alarm input triggered recording
- Changes in WWW webpage generated by NMS
- Correction of video display performance
- Prealarm & postalarm settings
- Correction of T Series IP cameras operation
- Kazakh language has been added
- Configurable video windows. 10 buttons for split screen selection, any number of split screens can be assigned to each button. Split screens configurable individually for each user group. The possibility to disable split screen editing for the chosen user group.
- New schedule recording option: „continuous on event” - recording only full frames or recording triggered by alarm and motion detection
- Recording of displayed split streams has been blocked
- PTZ switching on button has been added to a video window
- Dynamic administration of displayed streams. Dual-stream operation, streams' display depended on the current split screen

- SMS sending
- Correction of video decoder for 2DNXXXX cameras
- Correction of sending e-mails with a camera image
- Application division into Client, Server and Stand-alone operation modes
- Reduction of delays during PTZ control
- ADPCM, G726ADPCM, PCM codecs' support for export to .avi
- New module for software activation
- Export of recorded material to .avi files with audio
- Setup wizard
- Discovery NMS service
- Video codecs updated to v1.8.5 (x86 & x64)
- New split screens
- G726 codec support
- Supports DSC control panels
- Current log
- Event settings for DSC
- New log filter
- New icons for devices and maps
- Controlling DSC control panels from maps
- Intuitive interface allowing to create own window layouts – multi-window interface
- Application ready for operation in multi-monitor environment.
- Supports creation of own camera layouts from device list using „drag & drop” method.
- Graphic representation for motion detection, alarms, recording status for particular devices – available both in the picture and device list.
- Able to record audio & video for every connected device (camera, video server)
- Unique algorithm of disk space allocation, able to define recording space for each of the channels separately
- Option to define recording time for both PRE- and POST- alarms
- Transparent recording schedule, set independently for each video channel
- Features PTZ camera control
- Control of the software and PTZ cameras available via keyboard (with joystick)
- Supports .avi recording export
- Management of user's system access rights
- Multi-layered maps, fully user-adjustable
- Digital zoom, especially handful with megapixel camera operation
- Advanced event scenarios, allowing to combine triggers (such as alarm, motion detection or other system events) with responses (user-configured).
- Event log search function, allowing to watch desired alarm event
- Built-in configuration backup tool
- NWatch – system monitoring tool

## **Supported devices:**

### Alarm control panels

DSC control panels

### IP Cameras

NVIP-5DN5001D/IR-1P

NVIP-5DN5001H/IR-1P

NVIP-3DN5001D/IR-1P  
NVIP-3DN5001H/IR-1P  
NVIP-2DN5001D/IR-1P  
NVIP-2DN5021V/IR-1P  
NVIP-2DN5001H/IR-1P  
NVIP-3DN7020D/IR-2P  
NVIP-2DN7120SD-2P  
NVIP-3DN7500V/IRH-2P  
NVIP-5DN7500V/IRH-2P  
NVIP-3DN7560H/IRH-2P  
NVIP-5DN7560H/IRH-2P  
NVIP-3DN7540D/IRH-2P  
NVIP-2DN7030SD-2P  
NVIP-3DN7040H/IRH-2P  
NVIP-3DN7540H/IRH-2P  
NVIP-3C7520V-P  
NVIP-1DN3000V/IR-1P  
NVIP-1DN3001V/IR-1P  
NVIP-2DN3000V/IR-1P  
NVIP-2DN3001V/IR-1P  
NVIP-1DN3040H/IR-1P  
NVIP-5C7000D-P  
NVIP-5DN7021D/IR-2P  
NVIP-5DN7000C-1P  
NVIP-2DN7020SD-2P  
NVIP-2DN7018CZ-2P  
NVIP-3DN7000V/IRH-2P  
NVIP-3C7000D-P  
NVIP-3DN7000C-1P  
NVIP-5DN5000D/IR-1P  
NVIP-3DN5000D/IR-1P  
NVIP-2DN5000D/IR-1P  
NVIP-5DN5000H/IR-1P  
NVIP-3DN5000H/IR-1P  
NVIP-2DN5000H/IR-1P  
NVIP-5DN5020H/IR-1P  
NVIP-3DN5020H/IR-1P  
NVIP-2DN5020H/IR-1P  
NVIP-5DN5040V/IR-1P  
NVIP-3DN5040V/IR-1P  
NVIP-2DN5040V/IR-1P  
NVIP-2DN5000V/IR-1P  
NVIP-3DN5000V/IR-1P  
NVIP-2DN5020V/IR-1P  
NVIP-1DN5000V/IR-1P  
NVIP-1DN5000H/IR-1P  
NVIP-1DN3020V/IR-1P  
NVIP-2DN3020V/IR-1P  
NVIP-1DN3040V/IR-1P  
NVIP-2DN3040V/IR-1P  
NVIP-1DN3000H/IR-1P  
NVIP-2DN3000H/IR-1P



NVIP-1DN3020H/IR-1P  
NVIP-2DN3020H/IR-1P  
NVIP-TC2401D/MPX1.0  
NVIP-3DN3010H/IRH-1P  
NVIP-2DN5001C-1P  
NVIP-2DN6020SD  
NVIP-2DN3001H/IR-2P  
NVIP-2DN4001V/IRH-2P  
NVIP-2C2011D  
NVIP-2DN2001D  
NVIP-2DN5001C  
NVIP-TDN3401H/IR/MPX2.0  
NVIP-HDN4000VP  
NVIP-HDN5000  
NVIP-TDN3400H/IR-3  
NVIP-TC5400C  
NVIP-TC2400D/MPX1.3-II  
NVIP-TDN4401V/IR/MPX2.0  
NVIP-TC5401C/MPX2.0  
NVIP-TDN5401C/MPX2.0  
NVIP-DN6137SD  
NVIP-1DN6118SD  
NVIP-2DN6010SD  
NVIP-2DN5018CZ-2P  
NVIP-5DN5001C-1P  
NVIP-2DN6020SD-2P  
NVIP-5DN2021D/IR-2P  
NVIP-2C5005CZ-P/GO  
NVIP-2DN3001H/IRH-2P/GO  
NVIP-2DN4001V/IRH-2P/GO  
NVIP-2DN2001D/IR-2P/GO  
NVIP-2C2001D-P/GO  
NVIP-TDN2401D/IR/MPX1.0  
NVIP-TDN5410C/MPX1.0  
NVIP-2DN2002D/IR-2P  
NVIP-3DN2010D/IR-1P  
NVIP-3DN4010V/IRH-1P  
NVIP-2DN3002H/IR-2P  
NVIP-2DN3003H/IR-2P  
NVIP-2DN3004H/IR-2P  
NVIP-5DN3001H/IRH-2P  
NVIP-5DN4001V/IRH-2P

#### IP Video servers

NVIP-VS101LITE  
NVIP-VS101  
NVIP-VS102  
NVIP-VS104

Full support for cameras connected via video servers and controlled using Novus-C, Novus-C1, Novus-C2 and Pelco-D protocols

## Recorders

H series DVRs

B series DVRs

- NDR-BA2208-II
- NDR-BA4104-II
- NDR-BA4208
- NDR-BA4416
- NDR-BA2416
- NDR-BB2208
- NDR-BB4104

## Control keyboard

VIDEOTECH DCZ

## Other devices

Supports any device that sends video stream in MJPEG, MPEG-4, H264 and utilizes RTP/RTSP protocols

## **Version 1.30.16**

### **Remote functions:**

- Two-way audio for cameras:
  - NVIP-2DN2001D
  - NVIP-2DN2002D/IR-2P
  - NVIP-2DN3001H/IR-2P
  - NVIP-2DN3002H/IR-2P
  - NVIP-2DN3003H/IR-2P
  - NVIP-2DN3004H/IR-2P
  - NVIP-2DN4001V/IRH-2P
  - NVIP-2DN5001C-1P
  - NVIP-2DN5001C
  - NVIP-2DN5018CZ-2P
  - NVIP-2DN6020SD
  - NVIP-5DN2021D/IR-2P
  - NVIP-5DN5001C-1P
  - NVIP-2DN6010SD
  - NVIP-2DN6020SD-2P
  - NVIP-DN6137SD
  - NVIP-TC2401D/MPX1.0
  - NVIP-TC5400C
  - NVIP-TC5401C/MPX2.0
  - NVIP-TDN3401H/IR/MPX2.0
  - NVIP-TDN4401V/IR/MPX2.0
  - NVIP-TDN5401C/MPX2.0
- NMS application can work as a service
- Integration with Active Directory
- Correction of zoom control in the Client operation mode

- Correction of playback at faster speeds
- Remote configuration of the server
- Speed limit for export to .avi
- Correction of random losses of streams in the Client operation mode
- Correction of RTSP streaming on the Server
- POS devices support
- Correction of the Server mode operation
- Dynamic administration of displayed streams. Sending information on stream usage (main stream, split stream).
- Correction of PTZ control in the Client operation mode
- Correction of camera connection via the domain address
- Sharing remote inputs and outputs on the server
- Remote logs
- Sending information about motion
- Live picture and sound playing
- Recording playback (both audio and video) from remote server
- PTZ control
- Access to remote functions granted in accordance with privileges of the user logging in to remote server
- WWW video display via internet browser and mobile devices (mobile phones, PDAs etc.). Adjustable resolution of the video stream.
- Application statistics available via WWW
- Features possibility of remote surveillance for any software which is RTP/RTSP compatible.

#### **Local functions:**

- Time reaction trigger,
- Screen shots printing,
- recording CD/DVD,
- Mobile application support
- Two-way audio for cameras:
  - NVIP-2DN2001D
  - NVIP-2DN2002D/IR-2P
  - NVIP-2DN3001H/IR-2P
  - NVIP-2DN3002H/IR-2P
  - NVIP-2DN3003H/IR-2P
  - NVIP-2DN3004H/IR-2P
  - NVIP-2DN4001V/IRH-2P
  - NVIP-2DN5001C-1P
  - NVIP-2DN5001C
  - NVIP-2DN5018CZ-2P
  - NVIP-2DN6020SD
  - NVIP-5DN2021D/IR-2P
  - NVIP-5DN5001C-1P
  - NVIP-2DN6010SD
  - NVIP-2DN6020SD-2P
  - NVIP-DN6137SD
  - NVIP-TC2401D/MPX1.0
  - NVIP-TC5400C
  - NVIP-TC5401C/MPX2.0

- NVIP-TDN3401H/IR/MPX2.0
- NVIP-TDN4401V/IR/MPX2.0
- NVIP-TDN5401C/MPX2.0
- HTTP & RTSP stream number limits
- Event schedule
- New split screens
- NMS Player for recordings
- Export of recordings to NMS format
- Privacy zones
- Ability to limit users to view recordings
- Ability to restrict access to the digital zoom
- Configuration of basic camera parameters (resolution, bit rate, frame rate, codec)
- Playback function for H series DVRs
- Full screen button has been added to a video window
- Setting the percentage of recording space for each stream
- Expected recording time has been included in the Schedule
- Correction of digital zoom control
- Tamper detection for selected FullHD cameras
- Correction of NMS operation with Windows XP
- Correction of video player operation
- Correction of export to .avi
- POS devices support
- Two extra video windows
- Unconfirmed event log
- System events
- DST/standard time switch detection
- Correction of export to .avi
- Correction of video player operation
- Correction of alarm input triggered recording
- Changes in WWW webpage generated by NMS
- Correction of video display performance
- Prealarm & postalarm settings
- Correction of T Series IP cameras operation
- Kazakh language has been added
- Configurable video windows. 10 buttons for split screen selection, any number of split screens can be assigned to each button. Split screens configurable individually for each user group. The possibility to disable split screen editing for the chosen user group.
- New schedule recording option: „continuous on event” - recording only full frames or recording triggered by alarm and motion detection
- Recording of displayed split streams has been blocked
- PTZ switching on button has been added to a video window
- Dynamic administration of displayed streams. Dual-stream operation, streams' display depended on the current split screen
- SMS sending
- Correction of video decoder for 2DNXXXX cameras
- Correction of sending e-mails with a camera image
- Application division into Client, Server and Stand-alone operation modes
- Reduction of delays during PTZ control
- ADPCM, G726ADPCM, PCM codecs' support for export to .avi
- New module for software activation

- Export of recorded material to .avi files with audio
- Setup wizard
- Discovery NMS service
- Video codecs updated to v1.8.5 (x86 & x64)
- New split screens
- G726 codec support
- Supports DSC control panels
- Current log
- Event settings for DSC
- New log filter
- New icons for devices and maps
- Controlling DSC control panels from maps
- Intuitive interface allowing to create own window layouts – multi-window interface
- Application ready for operation in multi-monitor environment.
- Supports creation of own camera layouts from device list using „drag & drop” method.
- Graphic representation for motion detection, alarms, recording status for particular devices – available both in the picture and device list.
- Able to record audio & video for every connected device (camera, video server)
- Unique algorithm of disk space allocation, able to define recording space for each of the channels separately
- Option to define recording time for both PRE- and POST- alarms
- Transparent recording schedule, set independently for each video channel
- Features PTZ camera control
- Control of the software and PTZ cameras available via keyboard (with joystick)
- Supports .avi recording export
- Management of user’s system access rights
- Multi-layered maps, fully user-adjustable
- Digital zoom, especially handful with megapixel camera operation
- Advanced event scenarios, allowing to combine triggers (such as alarm, motion detection or other system events) with responses (user-configured).
- Event log search function, allowing to watch desired alarm event
- Built-in configuration backup tool
- NWatch – system monitoring tool

## **Supported devices:**

### Alarm control panels

DSC control panels

### IP Cameras

NVIP-5DN5001D/IR-1P

NVIP-5DN5001H/IR-1P

NVIP-3DN5001D/IR-1P

NVIP-3DN5001H/IR-1P

NVIP-2DN5001D/IR-1P

NVIP-2DN5021V/IR-1P

NVIP-2DN5001H/IR-1P

NVIP-3DN7020D/IR-2P

NVIP-2DN7120SD-2P

NVIP-3DN7500V/IRH-2P  
NVIP-5DN7500V/IRH-2P  
NVIP-3DN7560H/IRH-2P  
NVIP-5DN7560H/IRH-2P  
NVIP-3DN7540D/IRH-2P  
NVIP-2DN7030SD-2P  
NVIP-3DN7040H/IRH-2P  
NVIP-3DN7540H/IRH-2P  
NVIP-3C7520V-P  
NVIP-1DN3000V/IR-1P  
NVIP-1DN3001V/IR-1P  
NVIP-2DN3000V/IR-1P  
NVIP-2DN3001V/IR-1P  
NVIP-1DN3040H/IR-1P  
NVIP-5C7000D-P  
NVIP-5DN7021D/IR-2P  
NVIP-5DN7000C-1P  
NVIP-2DN7020SD-2P  
NVIP-2DN7018CZ-2P  
NVIP-3DN7000V/IRH-2P  
NVIP-3C7000D-P  
NVIP-3DN7000C-1P  
NVIP-5DN5000D/IR-1P  
NVIP-3DN5000D/IR-1P  
NVIP-2DN5000D/IR-1P  
NVIP-5DN5000H/IR-1P  
NVIP-3DN5000H/IR-1P  
NVIP-2DN5000H/IR-1P  
NVIP-5DN5020H/IR-1P  
NVIP-3DN5020H/IR-1P  
NVIP-2DN5020H/IR-1P  
NVIP-5DN5040V/IR-1P  
NVIP-3DN5040V/IR-1P  
NVIP-2DN5040V/IR-1P  
NVIP-2DN5000V/IR-1P  
NVIP-3DN5000V/IR-1P  
NVIP-2DN5020V/IR-1P  
NVIP-1DN5000V/IR-1P  
NVIP-1DN5000H/IR-1P  
NVIP-1DN3020V/IR-1P  
NVIP-2DN3020V/IR-1P  
NVIP-1DN3040V/IR-1P  
NVIP-2DN3040V/IR-1P  
NVIP-1DN3000H/IR-1P  
NVIP-2DN3000H/IR-1P  
NVIP-1DN3020H/IR-1P  
NVIP-2DN3020H/IR-1P  
NVIP-TC2401D/MPX1.0  
NVIP-3DN3010H/IRH-1P  
NVIP-2DN5001C-1P  
NVIP-2DN6020SD  
NVIP-2DN3001H/IR-2P

NVIP-2DN4001V/IRH-2P  
NVIP-2C2011D  
NVIP-2DN2001D  
NVIP-2DN5001C  
NVIP-TDN3401H/IR/MPX2.0  
NVIP-HDN4000VP  
NVIP-HDN5000  
NVIP-TDN3400H/IR-3  
NVIP-TC5400C  
NVIP-TC2400D/MPX1.3-II  
NVIP-TDN4401V/IR/MPX2.0  
NVIP-TC5401C/MPX2.0  
NVIP-TDN5401C/MPX2.0  
NVIP-DN6137SD  
NVIP-1DN6118SD  
NVIP-2DN6010SD  
NVIP-2DN5018CZ-2P  
NVIP-5DN5001C-1P  
NVIP-2DN6020SD-2P  
NVIP-5DN2021D/IR-2P  
NVIP-2C5005CZ-P/GO  
NVIP-2DN3001H/IRH-2P/GO  
NVIP-2DN4001V/IRH-2P/GO  
NVIP-2DN2001D/IR-2P/GO  
NVIP-2C2001D-P/GO  
NVIP-TDN2401D/IR/MPX1.0  
NVIP-TDN5410C/MPX1.0  
NVIP-2DN2002D/IR-2P  
NVIP-3DN2010D/IR-1P  
NVIP-3DN4010V/IRH-1P  
NVIP-2DN3002H/IR-2P  
NVIP-2DN3003H/IR-2P  
NVIP-2DN3004H/IR-2P  
NVIP-5DN3001H/IRH-2P  
NVIP-5DN4001V/IRH-2P

#### IP Video servers

NVIP-VS101LITE  
NVIP-VS101  
NVIP-VS102  
NVIP-VS104

Full support for cameras connected via video servers and controlled using Novus-C, Novus-C1, Novus-C2 and Pelco-D protocols

#### Recorders

H series DVRs

B series DVRs

- NDR-BA2208-II
- NDR-BA4104-II
- NDR-BA4208
- NDR-BA4416

- NDR-BA2416
- NDR-BB2208
- NDR-BB4104

Control keyboard  
VIDEOTECH DCZ

Other devices

Supports any device that sends video stream in MJPEG, MPEG-4, H264 and utilizes RTP/RTSP protocols

**Version 1.29.37**

**Remote functions:**

- Two-way audio for cameras:
  - NVIP-2DN2001D
  - NVIP-2DN2002D/IR-2P
  - NVIP-2DN3001H/IR-2P
  - NVIP-2DN3002H/IR-2P
  - NVIP-2DN3003H/IR-2P
  - NVIP-2DN3004H/IR-2P
  - NVIP-2DN4001V/IRH-2P
  - NVIP-2DN5001C-1P
  - NVIP-2DN5001C
  - NVIP-2DN5018CZ-2P
  - NVIP-2DN6020SD
  - NVIP-5DN2021D/IR-2P
  - NVIP-5DN5001C-1P
  - NVIP-2DN6010SD
  - NVIP-2DN6020SD-2P
  - NVIP-DN6137SD
  - NVIP-TC2401D/MPX1.0
  - NVIP-TC5400C
  - NVIP-TC5401C/MPX2.0
  - NVIP-TDN3401H/IR/MPX2.0
  - NVIP-TDN4401V/IR/MPX2.0
  - NVIP-TDN5401C/MPX2.0
- NMS application can work as a service
- Integration with Active Directory
- Correction of zoom control in the Client operation mode
- Correction of playback at faster speeds
- Remote configuration of the server
- Speed limit for export to .avi
- Correction of random losses of streams in the Client operation mode
- Correction of RTSP streaming on the Server
- POS devices support
- Correction of the Server mode operation
- Dynamic administration of displayed streams. Sending information on stream usage (main



stream, split stream).

- Correction of PTZ control in the Client operation mode
  - Correction of camera connection via the domain address
  - Sharing remote inputs and outputs on the server
  - Remote logs
  - Sending information about motion
  - Live picture and sound playing
  - Recording playback (both audio and video) from remote server
  - PTZ control
  - Access to remote functions granted in accordance with privileges of the user logging in to remote server
  - WWW video display via internet browser and mobile devices (mobile phones, PDAs etc.).
- Adjustable resolution of the video stream.
- Application statistics available via WWW
  - Features possibility of remote surveillance for any software which is RTP/RTSP compatible.

### **Local functions:**

- Two-way audio for cameras:
  - NVIP-2DN2001D
  - NVIP-2DN2002D/IR-2P
  - NVIP-2DN3001H/IR-2P
  - NVIP-2DN3002H/IR-2P
  - NVIP-2DN3003H/IR-2P
  - NVIP-2DN3004H/IR-2P
  - NVIP-2DN4001V/IRH-2P
  - NVIP-2DN5001C-1P
  - NVIP-2DN5001C
  - NVIP-2DN5018CZ-2P
  - NVIP-2DN6020SD
  - NVIP-5DN2021D/IR-2P
  - NVIP-5DN5001C-1P
  - NVIP-2DN6010SD
  - NVIP-2DN6020SD-2P
  - NVIP-DN6137SD
  - NVIP-TC2401D/MPX1.0
  - NVIP-TC5400C
  - NVIP-TC5401C/MPX2.0
  - NVIP-TDN3401H/IR/MPX2.0
  - NVIP-TDN4401V/IR/MPX2.0
  - NVIP-TDN5401C/MPX2.0
- HTTP & RTSP stream number limits
- Event schedule
- New split screens
- NMS Player for recordings
- Export of recordings to NMS format
- Privacy zones
- Ability to limit users to view recordings
- Ability to restrict access to the digital zoom
- Configuration of basic camera parameters (resolution, bit rate, frame rate, codec)

- Playback function for H series DVRs
- Full screen button has been added to a video window
- Setting the percentage of recording space for each stream
- Expected recording time has been included in the Schedule
- Correction of digital zoom control
- Tamper detection for selected FullHD cameras
- Correction of NMS operation with Windows XP
- Correction of video player operation
- Correction of export to .avi
- POS devices support
- Two extra video windows
- Unconfirmed event log
- System events
- DST/standard time switch detection
- Correction of export to .avi
- Correction of video player operation
- Correction of alarm input triggered recording
- Changes in WWW webpage generated by NMS
- Correction of video display performance
- Prealarm & postalarm settings
- Correction of T Series IP cameras operation
- Kazakh language has been added
- Configurable video windows. 10 buttons for split screen selection, any number of split screens can be assigned to each button. Split screens configurable individually for each user group. The possibility to disable split screen editing for the chosen user group.
- New schedule recording option: „continuous on event” - recording only full frames or recording triggered by alarm and motion detection
- Recording of displayed split streams has been blocked
- PTZ switching on button has been added to a video window
- Dynamic administration of displayed streams. Dual-stream operation, streams' display depended on the current split screen
- SMS sending
- Correction of video decoder for 2DNXXXX cameras
- Correction of sending e-mails with a camera image
- Application division into Client, Server and Stand-alone operation modes
- Reduction of delays during PTZ control
- ADPCM, G726ADPCM, PCM codecs' support for export to .avi
- New module for software activation
- Export of recorded material to .avi files with audio
- Setup wizard
- Discovery NMS service
- Video codecs updated to v1.8.5 (x86 & x64)
- New split screens
- G726 codec support
- Supports DSC control panels
- Current log
- Event settings for DSC
- New log filter
- New icons for devices and maps

- Controlling DSC control panels from maps
- Intuitive interface allowing to create own window layouts – multi-window interface
- Application ready for operation in multi-monitor environment.
- Supports creation of own camera layouts from device list using „drag & drop” method.
- Graphic representation for motion detection, alarms, recording status for particular devices – available both in the picture and device list.
- Able to record audio & video for every connected device (camera, video server)
- Unique algorithm of disk space allocation, able to define recording space for each of the channels separately
- Option to define recording time for both PRE- and POST- alarms
- Transparent recording schedule, set independently for each video channel
- Features PTZ camera control
- Control of the software and PTZ cameras available via keyboard (with joystick)
- Supports .avi recording export
- Management of user’s system access rights
- Multi-layered maps, fully user-adjustable
- Digital zoom, especially handful with megapixel camera operation
- Advanced event scenarios, allowing to combine triggers (such as alarm, motion detection or other system events) with responses (user-configured).
- Event log search function, allowing to watch desired alarm event
- Built-in configuration backup tool
- NWatch – system monitoring tool

## **Supported devices:**

### Alarm control panels

DSC control panels

### IP Cameras

NVIP-3DN7020D/IR-2P  
 NVIP-2DN7120SD-2P  
 NVIP-3DN7500V/IRH-2P  
 NVIP-5DN7500V/IRH-2P  
 NVIP-3DN7560H/IRH-2P  
 NVIP-5DN7560H/IRH-2P  
 NVIP-3DN7540D/IRH-2P  
 NVIP-2DN7030SD-2P  
 NVIP-3DN7040H/IRH-2P  
 NVIP-3DN7540H/IRH-2P  
 NVIP-3C7520V-P  
 NVIP-1DN3000V/IR-1P  
 NVIP-1DN3001V/IR-1P  
 NVIP-2DN3000V/IR-1P  
 NVIP-2DN3001V/IR-1P  
 NVIP-1DN3040H/IR-1P  
 NVIP-5C7000D-P  
 NVIP-5DN7021D/IR-2P  
 NVIP-5DN7000C-1P  
 NVIP-2DN7020SD-2P

NVIP-2DN7018CZ-2P  
NVIP-3DN7000V/IRH-2P  
NVIP-3C7000D-P  
NVIP-3DN7000C-1P

NVIP-5DN5000D/IR-1P  
NVIP-3DN5000D/IR-1P  
NVIP-2DN5000D/IR-1P  
NVIP-5DN5000H/IR-1P  
NVIP-3DN5000H/IR-1P  
NVIP-2DN5000H/IR-1P  
NVIP-5DN5020H/IR-1P  
NVIP-3DN5020H/IR-1P  
NVIP-2DN5020H/IR-1P  
NVIP-5DN5040V/IR-1P  
NVIP-3DN5040V/IR-1P  
NVIP-2DN5040V/IR-1P  
NVIP-2DN5000V/IR-1P  
NVIP-3DN5000V/IR-1P  
NVIP-2DN5020V/IR-1P  
NVIP-1DN5000V/IR-1P  
NVIP-1DN5000H/IR-1P  
NVIP-1DN3020V/IR-1P  
NVIP-2DN3020V/IR-1P  
NVIP-1DN3040V/IR-1P  
NVIP-2DN3040V/IR-1P  
NVIP-1DN3000H/IR-1P  
NVIP-2DN3000H/IR-1P  
NVIP-1DN3020H/IR-1P  
NVIP-2DN3020H/IR-1P  
NVIP-TC2401D/MPX1.0  
NVIP-3DN3010H/IRH-1P  
NVIP-2DN5001C-1P  
NVIP-2DN6020SD  
NVIP-2DN3001H/IR-2P  
NVIP-2DN4001V/IRH-2P  
NVIP-2C2011D  
NVIP-2DN2001D  
NVIP-2DN5001C  
NVIP-TDN3401H/IR/MPX2.0  
NVIP-HDN4000VP  
NVIP-HDN5000  
NVIP-TDN3400H/IR-3  
NVIP-TC5400C  
NVIP-TC2400D/MPX1.3-II  
NVIP-TDN4401V/IR/MPX2.0  
NVIP-TC5401C/MPX2.0  
NVIP-TDN5401C/MPX2.0  
NVIP-DN6137SD  
NVIP-1DN6118SD  
NVIP-2DN6010SD  
NVIP-2DN5018CZ-2P  
NVIP-5DN5001C-1P

NVIP-2DN6020SD-2P  
NVIP-5DN2021D/IR-2P  
NVIP-2C5005CZ-P/GO  
NVIP-2DN3001H/IRH-2P/GO  
NVIP-2DN4001V/IRH-2P/GO  
NVIP-2DN2001D/IR-2P/GO  
NVIP-2C2001D-P/GO  
NVIP-TDN2401D/IR/MPX1.0  
NVIP-TDN5410C/MPX1.0  
NVIP-2DN2002D/IR-2P  
NVIP-3DN2010D/IR-1P  
NVIP-3DN4010V/IRH-1P  
NVIP-2DN3002H/IR-2P  
NVIP-2DN3003H/IR-2P  
NVIP-2DN3004H/IR-2P  
NVIP-5DN3001H/IRH-2P  
NVIP-5DN4001V/IRH-2P

#### IP Video servers

NVIP-VS101LITE  
NVIP-VS101  
NVIP-VS102  
NVIP-VS104

Full support for cameras connected via video servers and controlled using Novus-C, Novus-C1, Novus-C2 and Pelco-D protocols

#### Recorders

H series DVRs

B series DVRs

- NDR-BA2208-II
- NDR-BA4104-II
- NDR-BA4208
- NDR-BA4416
- NDR-BA2416
- NDR-BB2208
- NDR-BB4104

#### Control keyboard

VIDEOTEK DCZ

#### Other devices

Supports any device that sends video stream in MJPEG, MPEG-4, H264 and utilizes RTP/RTSP protocols

### **Version 1.29.24**

**Remote functions:**

- Two-way audio for cameras:

- NVIP-2DN2001D
- NVIP-2DN2002D/IR-2P
- NVIP-2DN3001H/IR-2P
- NVIP-2DN3002H/IR-2P
- NVIP-2DN3003H/IR-2P
- NVIP-2DN3004H/IR-2P
- NVIP-2DN4001V/IRH-2P
- NVIP-2DN5001C-1P
- NVIP-2DN5001C
- NVIP-2DN5018CZ-2P
- NVIP-2DN6020SD
- NVIP-5DN2021D/IR-2P
- NVIP-5DN5001C-1P
- NVIP-2DN6010SD
- NVIP-2DN6020SD-2P
- NVIP-DN6137SD
- NVIP-TC2401D/MPX1.0
- NVIP-TC5400C
- NVIP-TC5401C/MPX2.0
- NVIP-TDN3401H/IR/MPX2.0
- NVIP-TDN4401V/IR/MPX2.0
- NVIP-TDN5401C/MPX2.0

- NMS application can work as a service
- Integration with Active Directory
- Correction of zoom control in the Client operation mode
- Correction of playback at faster speeds
- Remote configuration of the server
- Speed limit for export to .avi
- Correction of random losses of streams in the Client operation mode
- Correction of RTSP streaming on the Server
- POS devices support
- Correction of the Server mode operation
- Dynamic administration of displayed streams. Sending information on stream usage (main stream, split stream).
- Correction of PTZ control in the Client operation mode
- Correction of camera connection via the domain address
- Sharing remote inputs and outputs on the server
- Remote logs
- Sending information about motion
- Live picture and sound playing
- Recording playback (both audio and video) from remote server
- PTZ control
- Access to remote functions granted in accordance with privileges of the user logging in to remote server
- WWW video display via internet browser and mobile devices (mobile phones, PDAs etc.).  
Adjustable resolution of the video stream.
- Application statistics available via WWW
- Features possibility of remote surveillance for any software which is RTP/RTSP compatible.

## Local functions:

- Two-way audio for cameras:
  - NVIP-2DN2001D
  - NVIP-2DN2002D/IR-2P
  - NVIP-2DN3001H/IR-2P
  - NVIP-2DN3002H/IR-2P
  - NVIP-2DN3003H/IR-2P
  - NVIP-2DN3004H/IR-2P
  - NVIP-2DN4001V/IRH-2P
  - NVIP-2DN5001C-1P
  - NVIP-2DN5001C
  - NVIP-2DN5018CZ-2P
  - NVIP-2DN6020SD
  - NVIP-5DN2021D/IR-2P
  - NVIP-5DN5001C-1P
  - NVIP-2DN6010SD
  - NVIP-2DN6020SD-2P
  - NVIP-DN6137SD
  - NVIP-TC2401D/MPX1.0
  - NVIP-TC5400C
  - NVIP-TC5401C/MPX2.0
  - NVIP-TDN3401H/IR/MPX2.0
  - NVIP-TDN4401V/IR/MPX2.0
  - NVIP-TDN5401C/MPX2.0
- HTTP & RTSP stream number limits
- Event schedule
- New split screens
- NMS Player for recordings
- Export of recordings to NMS format
- Privacy zones
- Ability to limit users to view recordings
- Ability to restrict access to the digital zoom
- Configuration of basic camera parameters (resolution, bit rate, frame rate, codec)
- Playback function for H series DVRs
- Full screen button has been added to a video window
- Setting the percentage of recording space for each stream
- Expected recording time has been included in the Schedule
- Correction of digital zoom control
- Tamper detection for selected FullHD cameras
- Correction of NMS operation with Windows XP
- Correction of video player operation
- Correction of export to .avi
- POS devices support
- Two extra video windows
- Unconfirmed event log
- System events
- DST/standard time switch detection
- Correction of export to .avi

- Correction of video player operation
- Correction of alarm input triggered recording
- Changes in WWW webpage generated by NMS
- Correction of video display performance
- Prealarm & postalarm settings
- Correction of T Series IP cameras operation
- Kazakh language has been added
- Configurable video windows. 10 buttons for split screen selection, any number of split screens can be assigned to each button. Split screens configurable individually for each user group. The possibility to disable split screen editing for the chosen user group.
- New schedule recording option: „continuous on event” - recording only full frames or recording triggered by alarm and motion detection
- Recording of displayed split streams has been blocked
- PTZ switching on button has been added to a video window
- Dynamic administration of displayed streams. Dual-stream operation, streams’ display depended on the current split screen
- SMS sending
- Correction of video decoder for 2DNXXXX cameras
- Correction of sending e-mails with a camera image
- Application division into Client, Server and Stand-alone operation modes
- Reduction of delays during PTZ control
- ADPCM, G726ADPCM, PCM codecs' support for export to .avi
- New module for software activation
- Export of recorded material to .avi files with audio
- Setup wizard
- Discovery NMS service
- Video codecs updated to v1.8.5 (x86 & x64)
- New split screens
- G726 codec support
- Supports DSC control panels
- Current log
- Event settings for DSC
- New log filter
- New icons for devices and maps
- Controlling DSC control panels from maps
- Intuitive interface allowing to create own window layouts – multi-window interface
- Application ready for operation in multi-monitor environment.
- Supports creation of own camera layouts from device list using „drag & drop” method.
- Graphic representation for motion detection, alarms, recording status for particular devices – available both in the picture and device list.
- Able to record audio & video for every connected device (camera, video server)
- Unique algorithm of disk space allocation, able to define recording space for each of the channels separately
- Option to define recording time for both PRE- and POST- alarms
- Transparent recording schedule, set independently for each video channel
- Features PTZ camera control
- Control of the software and PTZ cameras available via keyboard (with joystick)
- Supports .avi recording export
- Management of user’s system access rights
- Multi-layered maps, fully user-adjustable



- Digital zoom, especially handfull with megapixel camera operation
- Advanced event scenarios, allowing to combine triggers (such as alarm, motion detection or other system events) with responses (user-configured).
- Event log search function, allowing to watch desired alarm event
- Built-in configuration backup tool
- NWatch – system monitoring tool

## **Supported devices:**

Alarm control panels

DSC control panels

IP Cameras

NVIP-5DN5000D/IR-1P  
 NVIP-3DN5000D/IR-1P  
 NVIP-2DN5000D/IR-1P  
 NVIP-5DN5000H/IR-1P  
 NVIP-3DN5000H/IR-1P  
 NVIP-2DN5000H/IR-1P  
 NVIP-5DN5020H/IR-1P  
 NVIP-3DN5020H/IR-1P  
 NVIP-2DN5020H/IR-1P  
 NVIP-5DN5040V/IR-1P  
 NVIP-3DN5040V/IR-1P  
 NVIP-2DN5040V/IR-1P  
 NVIP-2DN5000V/IR-1P  
 NVIP-3DN5000V/IR-1P  
 NVIP-2DN5020V/IR-1P  
 NVIP-1DN5000V/IR-1P  
 NVIP-1DN5000H/IR-1P  
 NVIP-1DN3020V/IR-1P  
 NVIP-2DN3020V/IR-1P  
 NVIP-1DN3040V/IR-1P  
 NVIP-2DN3040V/IR-1P  
 NVIP-1DN3000H/IR-1P  
 NVIP-2DN3000H/IR-1P  
 NVIP-1DN3020H/IR-1P  
 NVIP-2DN3020H/IR-1P  
 NVIP-TC2401D/MPX1.0  
 NVIP-3DN3010H/IRH-1P  
 NVIP-2DN5001C-1P  
 NVIP-2DN6020SD  
 NVIP-2DN3001H/IR-2P  
 NVIP-2DN4001V/IRH-2P  
 NVIP-2C2011D  
 NVIP-2DN2001D  
 NVIP-2DN5001C  
 NVIP-TDN3401H/IR/MPX2.0  
 NVIP-HDN4000VP  
 NVIP-HDN5000

NVIP-TDN3400H/IR-3  
NVIP-TC5400C  
NVIP-TC2400D/MPX1.3-II  
NVIP-TDN4401V/IR/MPX2.0  
NVIP-TC5401C/MPX2.0  
NVIP-TDN5401C/MPX2.0  
NVIP-DN6137SD  
NVIP-1DN6118SD  
NVIP-2DN6010SD  
NVIP-2DN5018CZ-2P  
NVIP-5DN5001C-1P  
NVIP-2DN6020SD-2P  
NVIP-5DN2021D/IR-2P  
NVIP-2C5005CZ-P/GO  
NVIP-2DN3001H/IRH-2P/GO  
NVIP-2DN4001V/IRH-2P/GO  
NVIP-2DN2001D/IR-2P/GO  
NVIP-2C2001D-P/GO  
NVIP-TDN2401D/IR/MPX1.0  
NVIP-TDN5410C/MPX1.0  
NVIP-2DN2002D/IR-2P  
NVIP-3DN2010D/IR-1P  
NVIP-3DN4010V/IRH-1P  
NVIP-2DN3002H/IR-2P  
NVIP-2DN3003H/IR-2P  
NVIP-2DN3004H/IR-2P  
NVIP-5DN3001H/IRH-2P  
NVIP-5DN4001V/IRH-2P

#### IP Video servers

NVIP-VS101LITE  
NVIP-VS101  
NVIP-VS102  
NVIP-VS104

Full support for cameras connected via video servers and controlled using Novus-C, Novus-C1, Novus-C2 and Pelco-D protocols

#### Recorders

H series DVRs

B series DVRs

- NDR-BA2208-II
- NDR-BA4104-II
- NDR-BA4208
- NDR-BA4416
- NDR-BA2416
- NDR-BB2208
- NDR-BB4104

#### Control keyboard

VIDEOTECH DCZ

### Other devices

Supports any device that sends video stream in MJPEG, MPEG-4, H264 and utilizes RTP/RTSP protocols

### Version 1.28.16

#### **Remote functions:**

- NMS application can work as a service
- Integration with Active Directory
- Correction of zoom control in the Client operation mode
- Correction of playback at faster speeds
- Remote configuration of the server
- Speed limit for export to .avi
- Correction of random losses of streams in the Client operation mode
- Correction of RTSP streaming on the Server
- POS devices support
- Correction of the Server mode operation
- Dynamic administration of displayed streams. Sending information on stream usage (main stream, split stream).
- Correction of PTZ control in the Client operation mode
- Correction of camera connection via the domain address
- Sharing remote inputs and outputs on the server
- Remote logs
- Sending information about motion
- Live picture and sound playing
- Recording playback (both audio and video) from remote server
- PTZ control
- Access to remote functions granted in accordance with privileges of the user logging in to remote server
- WWW video display via internet browser and mobile devices (mobile phones, PDAs etc.).  
Adjustable resolution of the video stream.
- Application statistics available via WWW
- Features possibility of remote surveillance for any software which is RTP/RTSP compatible.

#### **Local functions:**

- New split screens
- NMS Player for recordings
- Export of recordings to NMS format
- Privacy zones
- Ability to limit users to view recordings
- Ability to restrict access to the digital zoom
- Configuration of basic camera parameters (resolution, bit rate, frame rate, codec)
- Playback function for H series DVRs
- Full screen button has been added to a video window
- Setting the percentage of recording space for each stream

- Expected recording time has been included in the Schedule
- Correction of digital zoom control
- Tamper detection for selected FullHD cameras
- Correction of NMS operation with Windows XP
- Correction of video player operation
- Correction of export to .avi
- POS devices support
- Two extra video windows
- Unconfirmed event log
- System events
- DST/standard time switch detection
- Correction of export to .avi
- Correction of video player operation
- Correction of alarm input triggered recording
- Changes in WWW webpage generated by NMS
- Correction of video display performance
- Prealarm & postalarm settings
- Correction of T Series IP cameras operation
- Kazakh language has been added
- Configurable video windows. 10 buttons for split screen selection, any number of split screens can be assigned to each button. Split screens configurable individually for each user group. The possibility to disable split screen editing for the chosen user group.
- New schedule recording option: „continuous on event” - recording only full frames or recording triggered by alarm and motion detection
- Recording of displayed split streams has been blocked
- PTZ switching on button has been added to a video window
- Dynamic administration of displayed streams. Dual-stream operation, streams' display depended on the current split screen
- SMS sending
- Correction of video decoder for 2DNXXXX cameras
- Correction of sending e-mails with a camera image
- Application division into Client, Server and Stand-alone operation modes
- Reduction of delays during PTZ control
- ADPCM, G726ADPCM, PCM codecs' support for export to .avi
- New module for software activation
- Export of recorded material to .avi files with audio
- Setup wizard
- Discovery NMS service
- Video codecs updated to v1.8.5 (x86 & x64)
- New split screens
- G726 codec support
- Supports DSC control panels
- Current log
- Event settings for DSC
- New log filter
- New icons for devices and maps
- Controlling DSC control panels from maps
- Intuitive interface allowing to create own window layouts – multi-window interface
- Application ready for operation in multi-monitor environment.

- Supports creation of own camera layouts from device list using „drag & drop” method.
- Graphic representation for motion detection, alarms, recording status for particular devices – available both in the picture and device list.
- Able to record audio & video for every connected device (camera, video server)
- Unique algorithm of disk space allocation, able to define recording space for each of the channels separately
- Option to define recording time for both PRE- and POST- alarms
- Transparent recording schedule, set independently for each video channel
- Features PTZ camera control
- Control of the software and PTZ cameras available via keyboard (with joystick)
- Supports .avi recording export
- Management of user’s system access rights
- Multi-layered maps, fully user-adjustable
- Digital zoom, especially handful with megapixel camera operation
- Advanced event scenarios, allowing to combine triggers (such as alarm, motion detection or other system events) with responses (user-configured).
- Event log search function, allowing to watch desired alarm event
- Built-in configuration backup tool
- NWatch – system monitoring tool

### **Supported devices:**

#### Alarm control panels

DSC control panels

#### IP Cameras

NVIP-TC2401D/MPX1.0  
 NVIP-3DN3010H/IRH-1P  
 NVIP-2DN5001C-1P  
 NVIP-2DN6020SD  
 NVIP-2DN3001H/IR-2P  
 NVIP-2DN4001V/IRH-2P  
 NVIP-2C2011D  
 NVIP-2DN2001D  
 NVIP-2DN5001C  
 NVIP-TDN3401H/IR/MPX2.0  
 NVIP-HDN4000VP  
 NVIP-HDN5000  
 NVIP-TDN3400H/IR-3  
 NVIP-TC5400C  
 NVIP-TC2400D/MPX1.3-II  
 NVIP-TDN4401V/IR/MPX2.0  
 NVIP-TC5401C/MPX2.0  
 NVIP-TDN5401C/MPX2.0  
 NVIP-DN6137SD  
 NVIP-1DN6118SD  
 NVIP-2DN6010SD  
 NVIP-2DN5018CZ-2P  
 NVIP-5DN5001C-1P  
 NVIP-2DN6020SD-2P

NVIP-5DN2021D/IR-2P  
NVIP-2C5005CZ-P/GO  
NVIP-2DN3001H/IRH-2P/GO  
NVIP-2DN4001V/IRH-2P/GO  
NVIP-2DN2001D/IR-2P/GO  
NVIP-2C2001D-P/GO  
NVIP-TDN2401D/IR/MPX1.0  
NVIP-TDN5410C/MPX1.0  
NVIP-2DN2002D/IR-2P  
NVIP-3DN2010D/IR-1P  
NVIP-3DN4010V/IRH-1P  
NVIP-2DN3002H/IR-2P  
NVIP-2DN3003H/IR-2P  
NVIP-2DN3004H/IR-2P  
NVIP-5DN3001H/IRH-2P  
NVIP-5DN4001V/IRH-2P

#### IP Video servers

NVIP-VS101LITE  
NVIP-VS101  
NVIP-VS102  
NVIP-VS104

Full support for cameras connected via video servers and controlled using Novus-C, Novus-C1, Novus-C2 and Pelco-D protocols

#### Recorders

H series DVRs

B series DVRs

- NDR-BA2208-II
- NDR-BA4104-II
- NDR-BA4208
- NDR-BA4416
- NDR-BA2416
- NDR-BB2208
- NDR-BB4104

#### Control keyboard

VIDEOTEK DCZ

#### Other devices

Supports any device that sends video stream in MJPEG, MPEG-4, H264 and utilizes RTP/RTSP protocols

#### Version 1.27.43

**Remote functions:**

- Correction of zoom control in the Client operation mode
- Correction of playback at faster speeds
- Remote configuration of the server
- Speed limit for export to .avi
- Correction of random losses of streams in the Client operation mode
- Correction of RTSP streaming on the Server
- POS devices support
- Correction of the Server mode operation
- Dynamic administration of displayed streams. Sending information on stream usage (main stream, split stream).
- Correction of PTZ control in the Client operation mode
- Correction of camera connection via the domain address
- Sharing remote inputs and outputs on the server
- Remote logs
- Sending information about motion
- Live picture and sound playing
- Recording playback (both audio and video) from remote server
- PTZ control
- Access to remote functions granted in accordance with privileges of the user logging in to remote server
- WWW video display via internet browser and mobile devices (mobile phones, PDAs etc.).  
Adjustable resolution of the video stream.
- Application statistics available via WWW
- Features possibility of remote surveillance for any software which is RTP/RTSP compatible.

#### **Local functions:**

- Privacy zones
- Ability to limit users to view recordings
- Ability to restrict access to the digital zoom
- Configuration of basic camera parameters (resolution, bit rate, frame rate, codec)
- Playback function for H series DVRs
- Full screen button has been added to a video window
- Setting the percentage of recording space for each stream
- Expected recording time has been included in the Schedule
- Correction of digital zoom control
- Tamper detection for selected FullHD cameras
- Correction of NMS operation with Windows XP
- Correction of video player operation
- Correction of export to .avi
- POS devices support
- Two extra video windows
- Unconfirmed event log
- System events
- DST/standard time switch detection
- Correction of export to .avi
- Correction of video player operation
- Correction of alarm input triggered recording
- Changes in WWW webpage generated by NMS
- Correction of video display performance

- Prealarm & postalarm settings
- Correction of T Series IP cameras operation
- Kazakh language has been added
- Configurable video windows. 10 buttons for split screen selection, any number of split screens can be assigned to each button. Split screens configurable individually for each user group. The possibility to disable split screen editing for the chosen user group.
- New schedule recording option: „continuous on event” - recording only full frames or recording triggered by alarm and motion detection
- Recording of displayed split streams has been blocked
- PTZ switching on button has been added to a video window
- Dynamic administration of displayed streams. Dual-stream operation, streams' display depended on the current split screen
- SMS sending
- Correction of video decoder for 2DNXXXX cameras
- Correction of sending e-mails with a camera image
- Application division into Client, Server and Stand-alone operation modes
- Reduction of delays during PTZ control
- ADPCM, G726ADPCM, PCM codecs' support for export to .avi
- New module for software activation
- Export of recorded material to .avi files with audio
- Setup wizard
- Discovery NMS service
- Video codecs updated to v1.8.5 (x86 & x64)
- New split screens
- G726 codec support
- Supports DSC control panels
- Current log
- Event settings for DSC
- New log filter
- New icons for devices and maps
- Controlling DSC control panels from maps
- Intuitive interface allowing to create own window layouts – multi-window interface
- Application ready for operation in multi-monitor environment.
- Supports creation of own camera layouts from device list using „drag & drop” method.
- Graphic representation for motion detection, alarms, recording status for particular devices – available both in the picture and device list.
- Able to record audio & video for every connected device (camera, video server)
- Unique algorithm of disk space allocation, able to define recording space for each of the channels separately
- Option to define recording time for both PRE- and POST- alarms
- Transparent recording schedule, set independently for each video channel
- Features PTZ camera control
- Control of the software and PTZ cameras available via keyboard (with joystick)
- Supports .avi recording export
- Management of user's system access rights
- Multi-layered maps, fully user-adjustable
- Digital zoom, especially handfull with megapixel camera operation
- Advanced event scenarios, allowing to combine triggers (such as alarm, motion detection or other system events) with responses (user-configured).
- Event log search function, allowing to watch desired alarm event



- Built-in configuration backup tool
- NWatch – system monitoring tool

### **Supported devices:**

#### Alarm control panels

DSC control panels

#### IP Cameras

NVIP-TC2401D/MPX1.0  
NVIP-3DN3010H/IRH-1P  
NVIP-2DN5001C-1P  
NVIP-2DN6020SD  
NVIP-2DN3001H/IR-2P  
NVIP-2DN4001V/IRH-2P  
NVIP-2C2011D  
NVIP-2DN2001D  
NVIP-2DN5001C  
NVIP-TDN3401H/IR/MPX2.0  
NVIP-HDN4000VP  
NVIP-HDN5000  
NVIP-TDN3400H/IR-3  
NVIP-TC5400C  
NVIP-TC2400D/MPX1.3-II  
NVIP-TDN4401V/IR/MPX2.0  
NVIP-TC5401C/MPX2.0  
NVIP-TDN5401C/MPX2.0  
NVIP-DN6137SD  
NVIP-1DN6118SD  
NVIP-2DN6010SD  
NVIP-2DN5018CZ-2P  
NVIP-5DN5001C-1P  
NVIP-2DN6020SD-2P  
NVIP-5DN2021D/IR-2P  
NVIP-2C5005CZ-P/GO  
NVIP-2DN3001H/IRH-2P/GO  
NVIP-2DN4001V/IRH-2P/GO  
NVIP-2DN2001D/IR-2P/GO  
NVIP-2C2001D-P/GO  
NVIP-TDN2401D/IR/MPX1.0  
NVIP-TDN5410C/MPX1.0  
NVIP-2DN2002D/IR-2P  
NVIP-3DN2010D/IR-1P  
NVIP-3DN4010V/IRH-1P  
NVIP-2DN3002H/IR-2P  
NVIP-2DN3003H/IR-2P  
NVIP-2DN3004H/IR-2P  
NVIP-5DN3001H/IRH-2P  
NVIP-5DN4001V/IRH-2P

### IP Video servers

NVIP-VS101LITE

NVIP-VS101

NVIP-VS102

NVIP-VS104

Full support for cameras connected via video servers and controlled using Novus-C, Novus-C1, Novus-C2 and Pelco-D protocols

### Recorders

H series DVRs

B series DVRs

- NDR-BA2208-II

- NDR-BA4104-II

- NDR-BA4208

- NDR-BA4416

- NDR-BA2416

- NDR-BB2208

- NDR-BB4104

### Control keyboard

VIDEOTECH DCZ

### Other devices

Supports any device that sends video stream in MJPEG, MPEG-4, H264 and utilizes RTP/RTSP protocols

## **Version 1.27.32**

### **Remote functions:**

- Remote configuration of the server
- Speed limit for export to .avi
- Correction of random losses of streams in the Client operation mode
- Correction of RTSP streaming on the Server
- POS devices support
- Correction of the Server mode operation
- Dynamic administration of displayed streams. Sending information on stream usage (main stream, split stream).
- Correction of PTZ control in the Client operation mode
- Correction of camera connection via the domain address
- Sharing remote inputs and outputs on the server
- Remote logs
- Sending information about motion
- Live picture and sound playing
- Recording playback (both audio and video) from remote server
- PTZ control
- Access to remote functions granted in accordance with privileges of the user logging in to remote server

- WWW video display via internet browser and mobile devices (mobile phones, PDAs etc.).  
Adjustable resolution of the video stream.
- Application statistics available via WWW
- Features possibility of remote surveillance for any software which is RTP/RTSP compatible.

### **Local functions:**

- Privacy zones
- Ability to limit users to view recordings
- Ability to restrict access to the digital zoom
- Configuration of basic camera parameters (resolution, bit rate, frame rate, codec)
- Playback function for H series DVRs
- Full screen button has been added to a video window
- Setting the percentage of recording space for each stream
- Expected recording time has been included in the Schedule
- Correction of digital zoom control
- Tamper detection for selected FullHD cameras
- Correction of NMS operation with Windows XP
- Correction of video player operation
- Correction of export to .avi
- POS devices support
- Two extra video windows
- Unconfirmed event log
- System events
- DST/standard time switch detection
- Correction of export to .avi
- Correction of video player operation
- Correction of alarm input triggered recording
- Changes in WWW webpage generated by NMS
- Correction of video display performance
- Prealarm & postalarm settings
- Correction of T Series IP cameras operation
- Kazakh language has been added
- Configurable video windows. 10 buttons for split screen selection, any number of split screens can be assigned to each button. Split screens configurable individually for each user group. The possibility to disable split screen editing for the chosen user group.
- New schedule recording option: „continuous on event” - recording only full frames or recording triggered by alarm and motion detection
- Recording of displayed split streams has been blocked
- PTZ switching on button has been added to a video window
- Dynamic administration of displayed streams. Dual-stream operation, streams' display depended on the current split screen
- SMS sending
- Correction of video decoder for 2DNXXXX cameras
- Correction of sending e-mails with a camera image
- Application division into Client, Server and Stand-alone operation modes
- Reduction of delays during PTZ control
- ADPCM, G726ADPCM, PCM codecs' support for export to .avi
- New module for software activation

- Export of recorded material to .avi files with audio
- Setup wizard
- Discovery NMS service
- Video codecs updated to v1.8.5 (x86 & x64)
- New split screens
- G726 codec support
- Supports DSC control panels
- Current log
- Event settings for DSC
- New log filter
- New icons for devices and maps
- Controlling DSC control panels from maps
- Intuitive interface allowing to create own window layouts – multi-window interface
- Application ready for operation in multi-monitor environment.
- Supports creation of own camera layouts from device list using „drag & drop” method.
- Graphic representation for motion detection, alarms, recording status for particular devices – available both in the picture and device list.
- Able to record audio & video for every connected device (camera, video server)
- Unique algorithm of disk space allocation, able to define recording space for each of the channels separately
- Option to define recording time for both PRE- and POST- alarms
- Transparent recording schedule, set independently for each video channel
- Features PTZ camera control
- Control of the software and PTZ cameras available via keyboard (with joystick)
- Supports .avi recording export
- Management of user’s system access rights
- Multi-layered maps, fully user-adjustable
- Digital zoom, especially handful with megapixel camera operation
- Advanced event scenarios, allowing to combine triggers (such as alarm, motion detection or other system events) with responses (user-configured).
- Event log search function, allowing to watch desired alarm event
- Built-in configuration backup tool
- NWatch – system monitoring tool

## **Supported devices:**

### Alarm control panels

DSC control panels

### IP Cameras

NVIP-TC2401D/MPX1.0

NVIP-3DN3010H/IRH-1P

NVIP-2DN5001C-1P

NVIP-2DN6020SD

NVIP-2DN3001H/IR-2P

NVIP-2DN4001V/IRH-2P

NVIP-2C2011D

NVIP-2DN2001D

NVIP-2DN5001C

NVIP-TDN3401H/IR/MPX2.0  
NVIP-HDN4000VP  
NVIP-HDN5000  
NVIP-TDN3400H/IR-3  
NVIP-TC5400C  
NVIP-TC2400D/MPX1.3-II  
NVIP-TDN4401V/IR/MPX2.0  
NVIP-TC5401C/MPX2.0  
NVIP-TDN5401C/MPX2.0  
NVIP-DN6137SD  
NVIP-1DN6118SD  
NVIP-2DN6010SD  
NVIP-2DN5018CZ-2P  
NVIP-5DN5001C-1P  
NVIP-2DN6020SD-2P  
NVIP-5DN2021D/IR-2P  
NVIP-2C5005CZ-P/GO  
NVIP-2DN3001H/IRH-2P/GO  
NVIP-2DN4001V/IRH-2P/GO  
NVIP-2DN2001D/IR-2P/GO  
NVIP-2C2001D-P/GO  
NVIP-TDN2401D/IR/MPX1.0  
NVIP-TDN5410C/MPX1.0  
NVIP-2DN2002D/IR-2P  
NVIP-3DN2010D/IR-1P  
NVIP-3DN4010V/IRH-1P

#### IP Video servers

NVIP-VS101LITE  
NVIP-VS101  
NVIP-VS102  
NVIP-VS104

Full support for cameras connected via video servers and controlled using Novus-C, Novus-C1, Novus-C2 and Pelco-D protocols

#### Recorders

H series DVRs

B series DVRs

- NDR-BA2208-II
- NDR-BA4104-II
- NDR-BA4208
- NDR-BA4416
- NDR-BA2416
- NDR-BB2208
- NDR-BB4104

#### Control keyboard

VIDEOTECH DCZ

#### Other devices

Supports any device that sends video stream in MJPEG, MPEG-4, H264 and utilizes RTP/RTSP protocols

## **Version 1.27.24**

### **Remote functions:**

- Remote configuration of the server
  - Speed limit for export to .avi
  - Correction of random losses of streams in the Client operation mode
  - Correction of RTSP streaming on the Server
  - POS devices support
  - Correction of the Server mode operation
  - Dynamic administration of displayed streams. Sending information on stream usage (main stream, split stream).
  - Correction of PTZ control in the Client operation mode
  - Correction of camera connection via the domain address
  - Sharing remote inputs and outputs on the server
  - Remote logs
  - Sending information about motion
  - Live picture and sound playing
  - Recording playback (both audio and video) from remote server
  - PTZ control
  - Access to remote functions granted in accordance with privileges of the user logging in to remote server
  - WWW video display via internet browser and mobile devices (mobile phones, PDAs etc.).
- Adjustable resolution of the video stream.
- Application statistics available via WWW
  - Features possibility of remote surveillance for any software which is RTP/RTSP compatible.

### **Local functions:**

- Privacy zones
- Ability to limit users to view recordings
- Ability to restrict access to the digital zoom
- Configuration of basic camera parameters (resolution, bit rate, frame rate, codec)
- Playback function for H series DVRs
- Full screen button has been added to a video window
- Setting the percentage of recording space for each stream
- Expected recording time has been included in the Schedule
- Correction of digital zoom control
- Tamper detection for selected FullHD cameras
- Correction of NMS operation with Windows XP
- Correction of video player operation
- Correction of export to .avi
- POS devices support
- Two extra video windows

- Unconfirmed event log
- System events
- DST/standard time switch detection
- Correction of export to .avi
- Correction of video player operation
- Correction of alarm input triggered recording
- Changes in WWW webpage generated by NMS
- Correction of video display performance
- Prealarm & postalarm settings
- Correction of T Series IP cameras operation
- Kazakh language has been added
- Configurable video windows. 10 buttons for split screen selection, any number of split screens can be assigned to each button. Split screens configurable individually for each user group. The possibility to disable split screen editing for the chosen user group.
- New schedule recording option: „continuous on event” - recording only full frames or recording triggered by alarm and motion detection
- Recording of displayed split streams has been blocked
- PTZ switching on button has been added to a video window
- Dynamic administration of displayed streams. Dual-stream operation, streams' display depended on the current split screen
- SMS sending
- Correction of video decoder for 2DNXXXX cameras
- Correction of sending e-mails with a camera image
- Application division into Client, Server and Stand-alone operation modes
- Reduction of delays during PTZ control
- ADPCM, G726ADPCM, PCM codecs' support for export to .avi
- New module for software activation
- Export of recorded material to .avi files with audio
- Setup wizard
- Discovery NMS service
- Video codecs updated to v1.8.5 (x86 & x64)
- New split screens
- G726 codec support
- Supports DSC control panels
- Current log
- Event settings for DSC
- New log filter
- New icons for devices and maps
- Controlling DSC control panels from maps
- Intuitive interface allowing to create own window layouts – multi-window interface
- Application ready for operation in multi-monitor environment.
- Supports creation of own camera layouts from device list using „drag & drop” method.
- Graphic representation for motion detection, alarms, recording status for particular devices – available both in the picture and device list.
- Able to record audio & video for every connected device (camera, video server)
- Unique algorithm of disk space allocation, able to define recording space for each of the channels separately
- Option to define recording time for both PRE- and POST- alarms
- Transparent recording schedule, set independently for each video channel
- Features PTZ camera control

- Control of the software and PTZ cameras available via keyboard (with joystick)
- Supports .avi recording export
- Management of user's system access rights
- Multi-layered maps, fully user-adjustable
- Digital zoom, especially handfull with megapixel camera operation
- Advanced event scenarios, allowing to combine triggers (such as alarm, motion detection or other system events) with responses (user-configured).
- Event log search function, allowing to watch desired alarm event
- Built-in configuration backup tool
- NWatch – system monitoring tool

### **Supported devices:**

#### Alarm control panels

DSC control panels

#### IP Cameras

NVIP-TC2401D/MPX1.0  
 NVIP-3DN3010H/IRH-1P  
 NVIP-2DN5001C-1P  
 NVIP-2DN6020SD  
 NVIP-2DN3001H/IR-2P  
 NVIP-2DN4001V/IRH-2P  
 NVIP-2C2011D  
 NVIP-2DN2001D  
 NVIP-2DN5001C  
 NVIP-TDN3401H/IR/MPX2.0  
 NVIP-HDN4000VP  
 NVIP-HDN5000  
 NVIP-TDN3400H/IR-3  
 NVIP-TC5400C  
 NVIP-TC2400D/MPX1.3-II  
 NVIP-TDN4401V/IR/MPX2.0  
 NVIP-TC5401C/MPX2.0  
 NVIP-TDN5401C/MPX2.0  
 NVIP-DN6137SD  
 NVIP-1DN6118SD  
 NVIP-2DN6010SD  
 NVIP-2DN5018CZ-2P  
 NVIP-5DN5001C-1P  
 NVIP-2DN6020SD-2P  
 NVIP-5DN2021D/IR-2P  
 NVIP-2C5005CZ-P/GO  
 NVIP-2DN3001H/IRH-2P/GO  
 NVIP-2DN4001V/IRH-2P/GO  
 NVIP-2DN2001D/IR-2P/GO  
 NVIP-2C2001D-P/GO  
 NVIP-TDN2401D/IR/MPX1.0  
 NVIP-TDN5410C/MPX1.0



### IP Video servers

NVIP-VS101LITE

NVIP-VS101

NVIP-VS102

NVIP-VS104

Full support for cameras connected via video servers and controlled using Novus-C, Novus-C1, Novus-C2 and Pelco-D protocols

### Recorders

H series DVRs

B series DVRs

- NDR-BA2208-II

- NDR-BA4104-II

- NDR-BA4208

- NDR-BA4416

- NDR-BA2416

- NDR-BB2208

- NDR-BB4104

### Control keyboard

VIDEOTECH DCZ

### Other devices

Supports any device that sends video stream in MJPEG, MPEG-4, H264 and utilizes RTP/RTSP protocols

## **Version 1.26.43**

### **Remote functions:**

- Correction of random losses of streams in the Client operation mode
  - Correction of RTSP streaming on the Server
  - POS devices support
  - Correction of the Server mode operation
  - Dynamic administration of displayed streams. Sending information on stream usage (main stream, split stream).
  - Correction of PTZ control in the Client operation mode
  - Correction of camera connection via the domain address
  - Sharing remote inputs and outputs on the server
  - Remote logs
  - Sending information about motion
  - Live picture and sound playing
  - Recording playback (both audio and video) from remote server
  - PTZ control
  - Access to remote functions granted in accordance with privileges of the user logging in to remote server
  - WWW video display via internet browser and mobile devices (mobile phones, PDAs etc.).
- Adjustable resolution of the video stream.

- Application statistics available via WWW
- Features possibility of remote surveillance for any software which is RTP/RTSP compatible.

### **Local functions:**

- Correction of NMS operation with Windows XP
- Correction of video player operation
- Correction of export to .avi
- POS devices support
- Two extra video windows
- Unconfirmed event log
- System events
- DST/standard time switch detection
- Correction of export to .avi
- Correction of video player operation
- Correction of alarm input triggered recording
- Changes in WWW webpage generated by NMS
- Correction of video display performance
- Prealarm & postalarm settings
- Correction of T Series IP cameras operation
- Kazakh language has been added
- Configurable video windows. 10 buttons for split screen selection, any number of split screens can be assigned to each button. Split screens configurable individually for each user group. The possibility to disable split screen editing for the chosen user group.
- New schedule recording option: „continuous on event” - recording only full frames or recording triggered by alarm and motion detection
- Recording of displayed split streams has been blocked
- PTZ switching on button has been added to a video window
- Dynamic administration of displayed streams. Dual-stream operation, streams' display depended on the current split screen
- SMS sending
- Correction of video decoder for 2DNXXXX cameras
- Correction of sending e-mails with a camera image
- Application division into Client, Server and Stand-alone operation modes
- Reduction of delays during PTZ control
- ADPCM, G726ADPCM, PCM codecs' support for export to .avi
- New module for software activation
- Export of recorded material to .avi files with audio
- Setup wizard
- Discover NMS service
- Video codecs updated to v1.8.5 (x86 & x64)
- New split screens
- G726 codec support
- Supports DSC control panels
- Current log
- Event settings for DSC
- New log filter
- New icons for devices and maps
- Controlling DSC control panels from maps

- Intuitive interface allowing to create own window layouts – multi-window interface
- Application ready for operation in multi-monitor environment.
- Supports creation of own camera layouts from device list using „drag & drop” method.
- Graphic representation for motion detection, alarms, recording status for particular devices – available both in the picture and device list.
- Able to record audio & video for every connected device (camera, video server)
- Unique algorithm of disk space allocation, able to define recording space for each of the channels separately
- Option to define recording time for both PRE- and POST- alarms
- Transparent recording schedule, set independently for each video channel
- Features PTZ camera control
- Control of the software and PTZ cameras available via keyboard (with joystick)
- Supports .avi recording export
- Management of user’s system access rights
- Multi-layered maps, fully user-adjustable
- Digital zoom, especially handfull with megapixel camera operation
- Advanced event scenarios, allowing to combine triggers (such as alarm, motion detection or other system events) with responses (user-configured).
- Event log search function, allowing to watch desired alarm event
- Built-in configuration backup tool
- NWatch – system monitoring tool

## **Supported devices:**

### Alarm control panels

DSC control panels

### IP Cameras

NVIP-TC2401D/MPX1.0

NVIP-3DN3010H/IRH-1P

NVIP-2DN5001C-1P

NVIP-2DN6020SD

NVIP-2DN3001H/IR-2P

NVIP-2DN4001V/IRH-2P

NVIP-2C2011D

NVIP-2DN2001D

NVIP-2DN5001C

NVIP-TDN3401H/IR/MPX2.0

NVIP-HDN4000VP

NVIP-HDN5000

NVIP-TDN3400H/IR-3

NVIP-TC5400C

NVIP-TC2400D/MPX1.3-II

NVIP-TDN4401V/IR/MPX2.0

NVIP-TC5401C/MPX2.0

NVIP-TDN5401C/MPX2.0

NVIP-DN6137SD

NVIP-1DN6118SD

NVIP-2DN6010SD

NVIP-2DN5018CZ-2P

NVIP-5DN5001C-1P  
NVIP-2DN6020SD-2P  
NVIP-5DN2021D/IR-2P  
NVIP-2C5005CZ-P/GO  
NVIP-2DN3001H/IRH-2P/GO  
NVIP-2DN4001V/IRH-2P/GO  
NVIP-2DN2001D/IR-2P/GO  
NVIP-2C2001D-P/GO  
NVIP-TDN2401D/IR/MPX1.0  
NVIP-TDN5410C/MPX1.0

#### IP Video servers

NVIP-VS101LITE  
NVIP-VS101  
NVIP-VS102  
NVIP-VS104

Full support for cameras connected via video servers and controlled using Novus-C, Novus-C1, Novus-C2 and Pelco-D protocols

#### Recorders

H series DVRs

B series DVRs

- NDR-BA2208-II
- NDR-BA4104-II
- NDR-BA4208
- NDR-BA4416
- NDR-BA2416
- NDR-BB2208
- NDR-BB4104

#### Control keyboard

VIDEOTECH DCZ

#### Other devices

Supports any device that sends video stream in MJPEG, MPEG-4, H264 and utilizes RTP/RTSP protocols

### **Version 1.26.38**

#### **Remote functions:**

- POS devices support
- Correction of the Server mode operation
- Dynamic administration of displayed streams. Sending information on stream usage (main stream, split stream).
- Correction of PTZ control in the Client operation mode
- Correction of camera connection via the domain address

- Sharing remote inputs and outputs on the server
- Remote logs
- Sending information about motion
- Live picture and sound playing
- Recording playback (both audio and video) from remote server
- PTZ control
- Access to remote functions granted in accordance with privileges of the user logging in to remote server
- WWW video display via internet browser and mobile devices (mobile phones, PDAs etc.).  
Adjustable resolution of the video stream.
- Application statistics available via WWW
- Features possibility of remote surveillance for any software which is RTP/RTSP compatible.

### **Local functions:**

- **Correction of NMS operation with Windows XP**
- Correction of video player operation
- Correction of export to .avi
- POS devices support
- Two extra video windows
- Unconfirmed event log
- System events
- DST/standard time switch detection
- Correction of export to .avi
- Correction of video player operation
- Correction of alarm input triggered recording
- Changes in WWW webpage generated by NMS
- Correction of video display performance
- Prealarm & postalarm settings
- Correction of T Series IP cameras operation
- Kazakh language has been added
- Configurable video windows. 10 buttons for split screen selection, any number of split screens can be assigned to each button. Split screens configurable individually for each user group. The possibility to disable split screen editing for the chosen user group.
- New schedule recording option: „continuous on event” - recording only full frames or recording triggered by alarm and motion detection
- Recording of displayed split streams has been blocked
- PTZ switching on button has been added to a video window
- Dynamic administration of displayed streams. Dual-stream operation, streams' display depended on the current split screen
- SMS sending
- Correction of video decoder for 2DNXXXX cameras
- Correction of sending e-mails with a camera image
- Application division into Client, Server and Stand-alone operation modes
- Reduction of delays during PTZ control
- ADPCM, G726ADPCM, PCM codecs' support for export to .avi
- New module for software activation
- Export of recorded material to .avi files with audio
- Setup wizard

- Discovery NMS service
- Video codecs updated to v1.8.5 (x86 & x64)
- New split screens
- G726 codec support
- Supports DSC control panels
- Current log
- Event settings for DSC
- New log filter
- New icons for devices and maps
- Controlling DSC control panels from maps
- Intuitive interface allowing to create own window layouts – multi-window interface
- Application ready for operation in multi-monitor environment.
- Supports creation of own camera layouts from device list using „drag & drop” method.
- Graphic representation for motion detection, alarms, recording status for particular devices – available both in the picture and device list.
- Able to record audio & video for every connected device (camera, video server)
- Unique algorithm of disk space allocation, able to define recording space for each of the channels separately
- Option to define recording time for both PRE- and POST- alarms
- Transparent recording schedule, set independently for each video channel
- Features PTZ camera control
- Control of the software and PTZ cameras available via keyboard (with joystick)
- Supports .avi recording export
- Management of user’s system access rights
- Multi-layered maps, fully user-adjustable
- Digital zoom, especially handful with megapixel camera operation
- Advanced event scenarios, allowing to combine triggers (such as alarm, motion detection or other system events) with responses (user-configured).
- Event log search function, allowing to watch desired alarm event
- Built-in configuration backup tool
- NWatch – system monitoring tool

## **Supported devices:**

### Alarm control panels

DSC control panels

### IP Cameras

NVIP-TC2401D/MPX1.0

NVIP-3DN3010H/IRH-1P

NVIP-2DN5001C-1P

NVIP-2DN6020SD

NVIP-2DN3001H/IR-2P

NVIP-2DN4001V/IRH-2P

NVIP-2C2011D

NVIP-2DN2001D

NVIP-2DN5001C

NVIP-TDN3401H/IR/MPX2.0

NVIP-HDN4000VP

NVIP-HDN5000

NVIP-TDN3400H/IR-3  
NVIP-TC5400C  
NVIP-TC2400D/MPX1.3-II  
NVIP-TDN4401V/IR/MPX2.0  
NVIP-TC5401C/MPX2.0  
NVIP-TDN5401C/MPX2.0  
NVIP-DN6137SD  
NVIP-1DN6118SD  
NVIP-2DN6010SD  
NVIP-2DN5018CZ-2P  
NVIP-5DN5001C-1P  
NVIP-2DN6020SD-2P  
NVIP-5DN2021D/IR-2P  
NVIP-2C5005CZ-P/GO  
NVIP-2DN3001H/IRH-2P/GO  
NVIP-2DN4001V/IRH-2P/GO  
NVIP-2DN2001D/IR-2P/GO  
NVIP-2C2001D-P/GO  
NVIP-TDN2401D/IR/MPX1.0  
NVIP-TDN5410C/MPX1.0

#### IP Video servers

NVIP-VS101LITE  
NVIP-VS101  
NVIP-VS102  
NVIP-VS104

Full support for cameras connected via video servers and controlled using Novus-C, Novus-C1, Novus-C2 and Pelco-D protocols

#### Recorders

H series DVRs

B series DVRs

- NDR-BA2208-II
- NDR-BA4104-II
- NDR-BA4208
- NDR-BA4416
- NDR-BA2416
- NDR-BB2208
- NDR-BB4104

#### Control keyboard

VIDEOTEK DCZ

#### Other devices

Supports any device that sends video stream in MJPEG, MPEG-4, H264 and utilizes RTP/RTSP protocols

## **Version 1.26.37**

### **Remote functions:**

- POS devices support
- Correction of the Server mode operation
- Dynamic administration of displayed streams. Sending information on stream usage (main stream, split stream).
- Correction of PTZ control in the Client operation mode
- Correction of camera connection via the domain address
- Sharing remote inputs and outputs on the server
- Remote logs
- Sending information about motion
- Live picture and sound playing
- Recording playback (both audio and video) from remote server
- PTZ control
- Access to remote functions granted in accordance with privileges of the user logging in to remote server
- WWW video display via internet browser and mobile devices (mobile phones, PDAs etc.). Adjustable resolution of the video stream.
- Application statistics available via WWW
- Features possibility of remote surveillance for any software which is RTP/RTSP compatible.

### **Local functions:**

- Correction of video player operation
- Correction of export to .avi
- POS devices support
- Two extra video windows
- Unconfirmed event log
- System events
- DST/standard time switch detection
- Correction of export to .avi
- Correction of video player operation
- Correction of alarm input triggered recording
- Changes in WWW webpage generated by NMS
- Correction of video display performance
- Prealarm & postalarm settings
- Correction of T Series IP cameras operation
- Kazakh language has been added
- Configurable video windows. 10 buttons for split screen selection, any number of split screens can be assigned to each button. Split screens configurable individually for each user group. The possibility to disable split screen editing for the chosen user group.
- New schedule recording option: „continuous on event” - recording only full frames or recording triggered by alarm and motion detection
- Recording of displayed split streams has been blocked
- PTZ switching on button has been added to a video window
- Dynamic administration of displayed streams. Dual-stream operation, streams' display depended on the current split screen
- SMS sending



- Correction of video decoder for 2DNXXXX cameras
- Correction of sending e-mails with a camera image
- Application division into Client, Server and Stand-alone operation modes
- Reduction of delays during PTZ control
- ADPCM, G726ADPCM, PCM codecs' support for export to .avi
- New module for software activation
- Export of recorded material to .avi files with audio
- Setup wizard
- Discovery NMS service
- Video codecs updated to v1.8.5 (x86 & x64)
- New split screens
- G726 codec support
- Supports DSC control panels
- Current log
- Event settings for DSC
- New log filter
- New icons for devices and maps
- Controlling DSC control panels from maps
- Intuitive interface allowing to create own window layouts – multi-window interface
- Application ready for operation in multi-monitor environment.
- Supports creation of own camera layouts from device list using „drag & drop” method.
- Graphic representation for motion detection, alarms, recording status for particular devices – available both in the picture and device list.
- Able to record audio & video for every connected device (camera, video server)
- Unique algorithm of disk space allocation, able to define recording space for each of the channels separately
- Option to define recording time for both PRE- and POST- alarms
- Transparent recording schedule, set independently for each video channel
- Features PTZ camera control
- Control of the software and PTZ cameras available via keyboard (with joystick)
- Supports .avi recording export
- Management of user's system access rights
- Multi-layered maps, fully user-adjustable
- Digital zoom, especially handful with megapixel camera operation
- Advanced event scenarios, allowing to combine triggers (such as alarm, motion detection or other system events) with responses (user-configured).
- Event log search function, allowing to watch desired alarm event
- Built-in configuration backup tool
- NWatch – system monitoring tool

### **Supported devices:**

Alarm control panels

DSC control panels

IP Cameras

NVIP-TC2401D/MPX1.0

NVIP-3DN3010H/IRH-1P

NVIP-2DN5001C-1P

NVIP-2DN6020SD  
NVIP-2DN3001H/IR-2P  
NVIP-2DN4001V/IRH-2P  
NVIP-2C2011D  
NVIP-2DN2001D  
NVIP-2DN5001C  
NVIP-TDN3401H/IR/MPX2.0  
NVIP-HDN4000VP  
NVIP-HDN5000  
NVIP-TDN3400H/IR-3  
NVIP-TC5400C  
NVIP-TC2400D/MPX1.3-II  
NVIP-TDN4401V/IR/MPX2.0  
NVIP-TC5401C/MPX2.0  
NVIP-TDN5401C/MPX2.0  
NVIP-DN6137SD  
NVIP-1DN6118SD  
NVIP-2DN6010SD  
NVIP-2DN5018CZ-2P  
NVIP-5DN5001C-1P  
NVIP-2DN6020SD-2P  
NVIP-5DN2021D/IR-2P  
NVIP-2C5005CZ-P/GO  
NVIP-2DN3001H/IRH-2P/GO  
NVIP-2DN4001V/IRH-2P/GO  
NVIP-2DN2001D/IR-2P/GO  
NVIP-2C2001D-P/GO  
NVIP-TDN2401D/IR/MPX1.0  
NVIP-TDN5410C/MPX1.0

#### IP Video servers

NVIP-VS101LITE  
NVIP-VS101  
NVIP-VS102  
NVIP-VS104

Full support for cameras connected via video servers and controlled using Novus-C, Novus-C1, Novus-C2 and Pelco-D protocols

#### Recorders

H series DVRs

B series DVRs

- NDR-BA2208-II
- NDR-BA4104-II
- NDR-BA4208
- NDR-BA4416
- NDR-BA2416
- NDR-BB2208
- NDR-BB4104

#### Control keyboard

VIDEOTEK DCZ

## Other devices

Supports any device that sends video stream in MJPEG, MPEG-4, H264 and utilizes RTP/RTSP protocols

## **Version 1.26.35**

### **Remote functions:**

- POS devices support
- Correction of the Server mode operation
- Dynamic administration of displayed streams. Sending information on stream usage (main stream, split stream).
- Correction of PTZ control in the Client operation mode
- Correction of camera connection via the domain address
- Sharing remote inputs and outputs on the server
- Remote logs
- Sending information about motion
- Live picture and sound playing
- Recording playback (both audio and video) from remote server
- PTZ control
- Access to remote functions granted in accordance with privileges of the user logging in to remote server
- WWW video display via internet browser and mobile devices (mobile phones, PDAs etc.).  
Adjustable resolution of the video stream.
- Application statistics available via WWW
- Features possibility of remote surveillance for any software which is RTP/RTSP compatible.

### **Local functions:**

- Correction of video player operation
- Correction of export to .avi
- POS devices support
- Two extra video windows
- Unconfirmed event log
- System events
- DST/standard time switch detection
- Correction of export to .avi
- Correction of video player operation
- Correction of alarm input triggered recording
- Changes in WWW webpage generated by NMS
- Correction of video display performance
- Prealarm & postalarm settings
- Correction of T Series IP cameras operation
- Kazakh language has been added
- Configurable video windows. 10 buttons for split screen selection, any number of split screens can

be assigned to each button. Split screens configurable individually for each user group. The possibility to disable split screen editing for the chosen user group.

- New schedule recording option: „continuous on event” - recording only full frames or recording triggered by alarm and motion detection
- Recording of displayed split streams has been blocked
- PTZ switching on button has been added to a video window
- Dynamic administration of displayed streams. Dual-stream operation, streams' display depended on the current split screen
- SMS sending
- Correction of video decoder for 2DNXXXX cameras
- Correction of sending e-mails with a camera image
- Application division into Client, Server and Stand-alone operation modes
- Reduction of delays during PTZ control
- ADPCM, G726ADPCM, PCM codecs' support for export to .avi
- New module for software activation
- Export of recorded material to .avi files with audio
- Setup wizard
- Discovery NMS service
- Video codecs updated to v1.8.5 (x86 & x64)
- New split screens
- G726 codec support
- Supports DSC control panels
- Current log
- Event settings for DSC
- New log filter
- New icons for devices and maps
- Controlling DSC control panels from maps
- Intuitive interface allowing to create own window layouts – multi-window interface
- Application ready for operation in multi-monitor environment.
- Supports creation of own camera layouts from device list using „drag & drop” method.
- Graphic representation for motion detection, alarms, recording status for particular devices – available both in the picture and device list.
- Able to record audio & video for every connected device (camera, video server)
- Unique algorithm of disk space allocation, able to define recording space for each of the channels separately
- Option to define recording time for both PRE- and POST- alarms
- Transparent recording schedule, set independently for each video channel
- Features PTZ camera control
- Control of the software and PTZ cameras available via keyboard (with joystick)
- Supports .avi recording export
- Management of user's system access rights
- Multi-layered maps, fully user-adjustable
- Digital zoom, especially handful with megapixel camera operation
- Advanced event scenarios, allowing to combine triggers (such as alarm, motion detection or other system events) with responses (user-configured).
- Event log search function, allowing to watch desired alarm event
- Built-in configuration backup tool
- NWatch – system monitoring tool

## Supported devices:

### Alarm control panels

DSC control panels

### IP Cameras

NVIP-TC2401D/MPX1.0  
NVIP-3DN3010H/IRH-1P  
NVIP-2DN5001C-1P  
NVIP-2DN6020SD  
NVIP-2DN3001H/IR-2P  
NVIP-2DN4001V/IRH-2P  
NVIP-2C2011D  
NVIP-2DN2001D  
NVIP-2DN5001C  
NVIP-TDN3401H/IR/MPX2.0  
NVIP-HDN4000VP  
NVIP-HDN5000  
NVIP-TDN3400H/IR-3  
NVIP-TC5400C  
NVIP-TC2400D/MPX1.3-II  
NVIP-TDN4401V/IR/MPX2.0  
NVIP-TC5401C/MPX2.0  
NVIP-TDN5401C/MPX2.0  
NVIP-DN6137SD  
NVIP-1DN6118SD  
NVIP-2DN6010SD  
NVIP-2DN5018CZ-2P  
NVIP-5DN5001C-1P  
NVIP-2DN6020SD-2P  
NVIP-5DN2021D/IR-2P  
NVIP-2C5005CZ-P/GO  
NVIP-2DN3001H/IRH-2P/GO  
NVIP-2DN4001V/IRH-2P/GO  
NVIP-2DN2001D/IR-2P/GO  
NVIP-2C2001D-P/GO

### IP Video servers

NVIP-VS101LITE  
NVIP-VS101  
NVIP-VS102  
NVIP-VS104

Full support for cameras connected via video servers and controlled using Novus-C, Novus-C1, Novus-C2 and Pelco-D protocols

### Recorders

H series DVRs

B series DVRs

- NDR-BA2208-II
- NDR-BA4104-II
- NDR-BA4208
- NDR-BA4416

- NDR-BA2416
- NDR-BB2208
- NDR-BB4104

### Control keyboard VIDEOTECH DCZ

### Other devices

Supports any device that sends video stream in MJPEG, MPEG-4, H264 and utilizes RTP/RTSP protocols

### Version 1.25.25

#### **Remote functions:**

- **POS devices support**
- Correction of the Server mode operation
- Dynamic administration of displayed streams. Sending information on stream usage (main stream, split stream).
- Correction of PTZ control in the Client operation mode
- Correction of camera connection via the domain address
- Sharing remote inputs and outputs on the server
- Remote logs
- Sending information about motion
- Live picture and sound playing
- Recording playback (both audio and video) from remote server
- PTZ control
- Access to remote functions granted in accordance with privileges of the user logging in to remote server
- WWW video display via internet browser and mobile devices (mobile phones, PDAs etc.).  
Adjustable resolution of the video stream.
- Application statistics available via WWW
- Features possibility of remote surveillance for any software which is RTP/RTSP compatible.

#### **Local functions:**

- **Correction of video player operation**
- **Correction of export to .avi**
- **POS devices support**
- Two extra video windows
- Unconfirmed event log
- System events
- DST/standard time switch detection
- Correction of export to .avi
- Correction of video player operation
- Correction of alarm input triggered recording
- Changes in WWW webpage generated by NMS

- Correction of video display performance
- Prealarm & postalarm settings
- Correction of T Series IP cameras operation
- Kazakh language has been added
- Configurable video windows. 10 buttons for split screen selection, any number of split screens can be assigned to each button. Split screens configurable individually for each user group. The possibility to disable split screen editing for the chosen user group.
- New schedule recording option: „continuous on event” - recording only full frames or recording triggered by alarm and motion detection
- Recording of displayed split streams has been blocked
- PTZ switching on button has been added to a video window
- Dynamic administration of displayed streams. Dual-stream operation, streams' display depended on the current split screen
- SMS sending
- Correction of video decoder for 2DNXXXX cameras
- Correction of sending e-mails with a camera image
- Application division into Client, Server and Stand-alone operation modes
- Reduction of delays during PTZ control
- ADPCM, G726ADPCM, PCM codecs' support for export to .avi
- New module for software activation
- Export of recorded material to .avi files with audio
- Setup wizard
- Discovery NMS service
- Video codecs updated to v1.8.5 (x86 & x64)
- New split screens
- G726 codec support
- Supports DSC control panels
- Current log
- Event settings for DSC
- New log filter
- New icons for devices and maps
- Controlling DSC control panels from maps
- Intuitive interface allowing to create own window layouts – multi-window interface
- Application ready for operation in multi-monitor environment.
- Supports creation of own camera layouts from device list using „drag & drop” method.
- Graphic representation for motion detection, alarms, recording status for particular devices – available both in the picture and device list.
- Able to record audio & video for every connected device (camera, video server)
- Unique algorithm of disk space allocation, able to define recording space for each of the channels separately
- Option to define recording time for both PRE- and POST- alarms
- Transparent recording schedule, set independently for each video channel
- Features PTZ camera control
- Control of the software and PTZ cameras available via keyboard (with joystick)
- Supports .avi recording export
- Management of user's system access rights
- Multi-layered maps, fully user-adjustable
- Digital zoom, especially handful with megapixel camera operation
- Advanced event scenarios, allowing to combine triggers (such as alarm, motion detection or other system events) with responses (user-configured).

- Event log search function, allowing to watch desired alarm event
- Built-in configuration backup tool
- NWatch – system monitoring tool

## **Supported devices:**

### Alarm control panels

DSC control panels

### IP Cameras

NVIP-TC2401D/MPX1.0  
 NVIP-3DN3010H/IRH-1P  
 NVIP-2DN5001C-1P  
 NVIP-2DN6020SD  
 NVIP-2DN3001H/IR-2P  
 NVIP-2DN4001V/IRH-2P  
 NVIP-2C2011D  
 NVIP-2DN2001D  
 NVIP-2DN5001C  
 NVIP-TDN3401H/IR/MPX2.0  
 NVIP-HDN4000VP  
 NVIP-HDN5000  
 NVIP-TDN3400H/IR-3  
 NVIP-TC5400C  
 NVIP-TC2400D/MPX1.3-II  
 NVIP-TDN4401V/IR/MPX2.0  
 NVIP-TC5401C/MPX2.0  
 NVIP-TDN5401C/MPX2.0  
 NVIP-DN6137SD  
 NVIP-1DN6118SD  
 NVIP-2DN6010SD  
 NVIP-2DN5018CZ-2P  
 NVIP-5DN5001C-1P  
 NVIP-2DN6020SD-2P  
 NVIP-5DN2021D/IR-2P

### IP Video servers

NVIP-VS101LITE  
 NVIP-VS101  
 NVIP-VS102  
 NVIP-VS104

Full support for cameras connected via video servers and controlled using Novus-C, Novus-C1, Novus-C2 and Pelco-D protocols

### Recorders

H series DVRs

### Control keyboard

VIDEOTECH DCZ

### Other devices



Supports any device that sends video stream in MJPEG, MPEG-4, H264 and utilizes RTP/RTSP protocols

## **Version 1.24.19**

### **Remote functions:**

- Correction of the Server mode operation
- Dynamic administration of displayed streams. Sending information on stream usage (main stream, split stream).
- Correction of PTZ control in the Client operation mode
- Correction of camera connection via the domain address
- Sharing remote inputs and outputs on the server
- Remote logs
- Sending information about motion
- Live picture and sound playing
- Recording playback (both audio and video) from remote server
- PTZ control
- Access to remote functions granted in accordance with privileges of the user logging in to remote server
- WWW video display via internet browser and mobile devices (mobile phones, PDAs etc.). Adjustable resolution of the video stream.
- Application statistics available via WWW
- Features possibility of remote surveillance for any software which is RTP/RTSP compatible.

### **Local functions:**

- Two extra video windows
- Unconfirmed event log
- System events
- DST/standard time switch detection
- Correction of export to .avi
- Correction of video player operation
- Correction of alarm input triggered recording
- Changes in WWW webpage generated by NMS
- Correction of video display performance
- Prealarm & postalarm settings
- Correction of T Series IP cameras operation
- Kazakh language has been added
- Configurable video windows. 10 buttons for split screen selection, any number of split screens can be assigned to each button. Split screens configurable individually for each user group. The possibility to disable split screen editing for the chosen user group.
- New schedule recording option: „continuous on event” - recording only full frames or recording triggered by alarm and motion detection
- Recording of displayed split streams has been blocked
- PTZ switching on button has been added to a video window
- Dynamic administration of displayed streams. Dual-stream operation, streams' display depended

on the current split screen

- SMS sending
- Correction of video decoder for 2DNXXXX cameras
- Correction of sending e-mails with a camera image
- Application division into Client, Server and Stand-alone operation modes
- Reduction of delays during PTZ control
- ADPCM, G726ADPCM, PCM codecs' support for export to .avi
- New module for software activation
- Export of recorded material to .avi files with audio
- Setup wizard
- Discovery NMS service
- Video codecs updated to v1.8.5 (x86 & x64)
- New split screens
- G726 codec support
- Supports DSC control panels
- Current log
- Event settings for DSC
- New log filter
- New icons for devices and maps
- Controlling DSC control panels from maps
- Intuitive interface allowing to create own window layouts – multi-window interface
- Application ready for operation in multi-monitor environment.
- Supports creation of own camera layouts from device list using „drag & drop” method.
- Graphic representation for motion detection, alarms, recording status for particular devices – available both in the picture and device list.
- Able to record audio & video for every connected device (camera, video server)
- Unique algorithm of disk space allocation, able to define recording space for each of the channels separately
- Option to define recording time for both PRE- and POST- alarms
- Transparent recording schedule, set independently for each video channel
- Features PTZ camera control
- Control of the software and PTZ cameras available via keyboard (with joystick)
- Supports .avi recording export
- Management of user's system access rights
- Multi-layered maps, fully user-adjustable
- Digital zoom, especially handful with megapixel camera operation
- Advanced event scenarios, allowing to combine triggers (such as alarm, motion detection or other system events) with responses (user-configured).
- Event log search function, allowing to watch desired alarm event
- Built-in configuration backup tool
- NWatch – system monitoring tool

## **Supported devices:**

Alarm control panels

DSC control panels

IP Cameras

NVIP-TC2401D/MPX1.0

NVIP-3DN3010H/IRH-1P  
NVIP-2DN5001C-1P  
NVIP-2DN6020SD  
NVIP-2DN3001H/IR-2P  
NVIP-2DN4001V/IRH-2P  
NVIP-2C2011D  
NVIP-2DN2001D  
NVIP-2DN5001C  
NVIP-TDN3401H/IR/MPX2.0  
NVIP-HDN4000VP  
NVIP-HDN5000  
NVIP-TDN3400H/IR-3  
NVIP-TC5400C  
NVIP-TC2400D/MPX1.3-II  
NVIP-TDN4401V/IR/MPX2.0  
NVIP-TC5401C/MPX2.0  
NVIP-TDN5401C/MPX2.0  
NVIP-DN6137SD  
NVIP-1DN6118SD  
NVIP-2DN6010SD

#### IP Video servers

NVIP-VS101LITE  
NVIP-VS101  
NVIP-VS102  
NVIP-VS104

Full support for cameras connected via video servers and controlled using Novus-C, Novus-C1, Novus-C2 and Pelco-D protocols

#### Recorders

**H series DVRs**

#### Control keyboard

VIDEOTECH DCZ

#### Other devices

Supports any device that sends video stream in MJPEG, MPEG-4, H264 and utilizes RTP/RTSP protocols

### **Version 1.23.37**

#### **Remote functions:**

- **Correction of the Server mode operation**
- Dynamic administration of displayed streams. Sending information on stream usage (main stream, split stream).
- Correction of PTZ control in the Client operation mode
- Correction of camera connection via the domain address
- Sharing remote inputs and outputs on the server

- Remote logs
- Sending information about motion
- Live picture and sound playing
- Recording playback (both audio and video) from remote server
- PTZ control
- Access to remote functions granted in accordance with privileges of the user logging in to remote server
- WWW video display via internet browser and mobile devices (mobile phones, PDAs etc.).  
Adjustable resolution of the video stream.
- Application statistics available via WWW
- Features possibility of remote surveillance for any software which is RTP/RTSP compatible.

### Local functions:

- Correction of video display performance
- Prealarm & postalarm settings
- Correction of T Series IP cameras operation
- Kazakh language has been added
- Configurable video windows. 10 buttons for split screen selection, any number of split screens can be assigned to each button. Split screens configurable individually for each user group. The possibility to disable split screen editing for the chosen user group.
- New schedule recording option: „continuous on event” - recording only full frames or recording triggered by alarm and motion detection
- Recording of displayed split streams has been blocked
- PTZ switching on button has been added to a video window
- Dynamic administration of displayed streams. Dual-stream operation, streams' display depended on the current split screen
- SMS sending
- Correction of video decoder for 2DNXXXX cameras
- Correction of sending e-mails with a camera image
- Application division into Client, Server and Stand-alone operation modes
- Reduction of delays during PTZ control
- ADPCM, G726ADPCM, PCM codecs' support for export to .avi
- New module for software activation
- Export of recorded material to .avi files with audio
- Setup wizard
- Discovery NMS service
- Video codecs updated to v1.8.5 (x86 & x64)
- New split screens
- G726 codec support
- Supports DSC control panels
- Current log
- Event settings for DSC
- New log filter
- New icons for devices and maps
- Controlling DSC control panels from maps
- Intuitive interface allowing to create own window layouts – multi-window interface
- Application ready for operation in multi-monitor environment.
- Supports creation of own camera layouts from device list using „drag & drop” method.

- Graphic representation for motion detection, alarms, recording status for particular devices – available both in the picture and device list.
- Able to record audio & video for every connected device (camera, video server)
- Unique algorithm of disk space allocation, able to define recording space for each of the channels separately
- Option to define recording time for both PRE- and POST- alarms
- Transparent recording schedule, set independently for each video channel
- Features PTZ camera control
- Control of the software and PTZ cameras available via keyboard (with joystick)
- Supports .avi recording export
- Management of user's system access rights
- Multi-layered maps, fully user-adjustable
- Digital zoom, especially handful with megapixel camera operation
- Advanced event scenarios, allowing to combine triggers (such as alarm, motion detection or other system events) with responses (user-configured).
- Event log search function, allowing to watch desired alarm event
- Built-in configuration backup tool
- NWatch – system monitoring tool

### **Supported devices:**

#### Alarm control panels

DSC control panels

#### IP Cameras

NVIP-TC2401D/MPX1.0  
 NVIP-3DN3010H/IRH-1P  
 NVIP-2DN5001C-1P  
 NVIP-2DN6020SD  
 NVIP-2DN3001H/IR-2P  
 NVIP-2DN4001V/IRH-2P  
 NVIP-2C2011D  
 NVIP-2DN2001D  
 NVIP-2DN5001C  
 NVIP-TDN3401H/IR/MPX2.0  
 NVIP-HDN4000VP  
 NVIP-HDN5000  
 NVIP-TDN3400H/IR-3  
 NVIP-TC5400C  
 NVIP-TC2400D/MPX1.3-II  
 NVIP-TDN4401V/IR/MPX2.0  
 NVIP-TC5401C/MPX2.0  
 NVIP-TDN5401C/MPX2.0  
 NVIP-DN6137SD  
 NVIP-1DN6118SD  
 NVIP-2DN6010SD

#### IP Video servers

NVIP-VS101LITE  
 NVIP-VS101

NVIP-VS102

NVIP-VS104

Full support for cameras connected via video servers and controlled using Novus-C, Novus-C1, Novus-C2 and Pelco-D protocols

Control keyboard

VIDEOTECH DCZ

Other devices

Supports any device that sends video stream in MJPEG, MPEG-4, H264 and utilizes RTP/RTSP protocols

### **Version 1.23.32 kz**

#### **Remote functions:**

- Dynamic administration of displayed streams. Sending information on stream usage (main stream, split stream).
- Correction of PTZ control in the Client operation mode
- Correction of camera connection via the domain address
- Sharing remote inputs and outputs on the server
- Remote logs
- Sending information about motion
- Live picture and sound playing
- Recording playback (both audio and video) from remote server
- PTZ control
- Access to remote functions granted in accordance with privileges of the user logging in to remote server
- WWW video display via internet browser and mobile devices (mobile phones, PDAs etc.). Adjustable resolution of the video stream.
- Application statistics available via WWW
- Features possibility of remote surveillance for any software which is RTP/RTSP compatible.

#### **Local functions:**

- **Kazakh language has been added**
- Configurable video windows. 10 buttons for split screen selection, any number of split screens can be assigned to each button. Split screens configurable individually for each user group. The possibility to disable split screen editing for the chosen user group.
- New schedule recording option: „continuous on event” - recording only full frames or recording triggered by alarm and motion detection
- Recording of displayed split streams has been blocked
- PTZ switching on button has been added to a video window
- Dynamic administration of displayed streams. Dual-stream operation, streams' display depended on the current split screen
- SMS sending
- Correction of video decoder for 2DNXXXX cameras
- Correction of sending e-mails with a camera image

- Application division into Client, Server and Stand-alone operation modes
- Reduction of delays during PTZ control
- ADPCM, G726ADPCM, PCM codecs' support for export to .avi
- New module for software activation
- Export of recorded material to .avi files with audio
- Setup wizard
- Discovery NMS service
- Video codecs updated to v1.8.5 (x86 & x64)
- New split screens
- G726 codec support
- Supports DSC control panels
- Current log
- Event settings for DSC
- New log filter
- New icons for devices and maps
- Controlling DSC control panels from maps
- Intuitive interface allowing to create own window layouts – multi-window interface
- Application ready for operation in multi-monitor environment.
- Supports creation of own camera layouts from device list using „drag & drop” method.
- Graphic representation for motion detection, alarms, recording status for particular devices – available both in the picture and device list.
- Able to record audio & video for every connected device (camera, video server)
- Unique algorithm of disk space allocation, able to define recording space for each of the channels separately
- Option to define recording time for both PRE- and POST- alarms
- Transparent recording schedule, set independently for each video channel
- Features PTZ camera control
- Control of the software and PTZ cameras available via keyboard (with joystick)
- Supports .avi recording export
- Management of user's system access rights
- Multi-layered maps, fully user-adjustable
- Digital zoom, especially handfull with megapixel camera operation
- Advanced event scenarios, allowing to combine triggers (such as alarm, motion detection or other system events) with responses (user-configured).
- Event log search function, allowing to watch desired alarm event
- Built-in configuration backup tool
- NWatch – system monitoring tool

## **Supported devices:**

### Alarm control panels

DSC control panels

### IP Cameras

NVIP-TC2401D/MPX1.0

NVIP-3DN3010H/IRH-1P

NVIP-2DN5001C-1P

NVIP-2DN6020SD

NVIP-2DN3001H/IR-2P

NVIP-2DN4001V/IRH-2P  
NVIP-2C2011D  
NVIP-2DN2001D  
NVIP-2DN5001C  
NVIP-TDN3401H/IR/MPX2.0  
NVIP-HDN4000VP  
NVIP-HDN5000  
NVIP-TDN3400H/IR-3  
NVIP-TC5400C  
NVIP-TC2400D/MPX1.3-II  
NVIP-TDN4401V/IR/MPX2.0  
NVIP-TC5401C/MPX2.0  
NVIP-TDN5401C/MPX2.0  
NVIP-DN6137SD  
NVIP-1DN6118SD  
NVIP-2DN6010SD

#### IP Video servers

NVIP-VS101LITE  
NVIP-VS101  
NVIP-VS102  
NVIP-VS104

Full support for cameras connected via video servers and controlled using Novus-C, Novus-C1, Novus-C2 and Pelco-D protocols

#### Control keyboard

VIDEOTECH DCZ

#### Other devices

Supports any device that sends video stream in MJPEG, MPEG-4, H264 and utilizes RTP/RTSP protocols

### **Version 1.23.32**

#### **Remote functions:**

- Dynamic administration of displayed streams. Sending information on stream usage (main stream, split stream).
- Correction of PTZ control in the Client operation mode
- Correction of camera connection via the domain address
- Sharing remote inputs and outputs on the server
- Remote logs
- Sending information about motion
- Live picture and sound playing
- Recording playback (both audio and video) from remote server
- PTZ control
- Access to remote functions granted in accordance with privileges of the user logging in to remote server
- WWW video display via internet browser and mobile devices (mobile phones, PDAs etc.).



Adjustable resolution of the video stream.

- Application statistics available via WWW
- Features possibility of remote surveillance for any software which is RTP/RTSP compatible.

### Local functions:

- Configurable video windows. 10 buttons for split screen selection, any number of split screens can be assigned to each button. Split screens configurable individually for each user group. The possibility to disable split screen editing for the chosen user group.
- New schedule recording option: „continuous on event” - recording only full frames or recording triggered by alarm and motion detection
- Recording of displayed split streams has been blocked
- PTZ switching on button has been added to a video window
- Dynamic administration of displayed streams. Dual-stream operation, streams' display depended on the current split screen
- SMS sending
- Correction of video decoder for 2DNXXXX cameras
- Correction of sending e-mails with a camera image
- Application division into Client, Server and Stand-alone operation modes
- Reduction of delays during PTZ control
- ADPCM, G726ADPCM, PCM codecs' support for export to .avi
- New module for software activation
- Export of recorded material to .avi files with audio
- Setup wizard
- Discovery NMS service
- Video codecs updated to v1.8.5 (x86 & x64)
- New split screens
- G726 codec support
- Supports DSC control panels
- Current log
- Event settings for DSC
- New log filter
- New icons for devices and maps
- Controlling DSC control panels from maps
- Intuitive interface allowing to create own window layouts – multi-window interface
- Application ready for operation in multi-monitor environment.
- Supports creation of own camera layouts from device list using „drag & drop” method.
- Graphic representation for motion detection, alarms, recording status for particular devices – available both in the picture and device list.
- Able to record audio & video for every connected device (camera, video server)
- Unique algorithm of disk space allocation, able to define recording space for each of the channels separately
- Option to define recording time for both PRE- and POST- alarms
- Transparent recording schedule, set independently for each video channel
- Features PTZ camera control
- Control of the software and PTZ cameras available via keyboard (with joystick)
- Supports .avi recording export
- Management of user's system access rights
- Multi-layered maps, fully user-adjustable

- Digital zoom, especially handfull with megapixel camera operation
- Advanced event scenarios, allowing to combine triggers (such as alarm, motion detection or other system events) with responses (user-configured).
- Event log search function, allowing to watch desired alarm event
- Built-in configuration backup tool
- NWatch – system monitoring tool

## **Supported devices:**

### Alarm control panels

DSC control panels

### IP Cameras

NVIP-TC2401D/MPX1.0

NVIP-3DN3010H/IRH-1P

NVIP-2DN5001C-1P

NVIP-2DN6020SD

NVIP-2DN3001H/IR-2P

NVIP-2DN4001V/IRH-2P

NVIP-2C2011D

NVIP-2DN2001D

NVIP-2DN5001C

NVIP-TDN3401H/IR/MPX2.0

NVIP-HDN4000VP

NVIP-HDN5000

NVIP-TDN3400H/IR-3

NVIP-TC5400C

NVIP-TC2400D/MPX1.3-II

NVIP-TDN4401V/IR/MPX2.0

NVIP-TC5401C/MPX2.0

NVIP-TDN5401C/MPX2.0

NVIP-DN6137SD

NVIP-1DN6118SD

NVIP-2DN6010SD

### IP Video servers

NVIP-VS101LITE

NVIP-VS101

NVIP-VS102

NVIP-VS104

Full support for cameras connected via video servers and controlled using Novus-C, Novus-C1, Novus-C2 and Pelco-D protocols

### Control keyboard

VIDEOTEK DCZ

### Other devices

Supports any device that sends video stream in MJPEG, MPEG-4, H264 and utilizes RTP/RTSP protocols

## **Version 1.22.27**

### **Remote functions:**

- Correction of PTZ control in the Client operation mode
- Correction of camera connection via the domain address
- Sharing remote inputs and outputs on the server
- Remote logs
- Sending information about motion
- Live picture and sound playing
- Recording playback (both audio and video) from remote server
- PTZ control
- Access to remote functions granted in accordance with privileges of the user logging in to remote server
- WWW video display via internet browser and mobile devices (mobile phones, PDAs etc.).  
Adjustable resolution of the video stream.
- Application statistics available via WWW
- Features possibility of remote surveillance for any software which is RTP/RTSP compatible.

### **Local functions:**

- Correction of video decoder for 2DNXXXX cameras
- Correction of sending e-mails with a camera image
- Application division into Client, Server and Stand-alone operation modes
- Reduction of delays during PTZ control
- ADPCM, G726ADPCM, PCM codecs' support for export to .avi
- New module for software activation
- Export of recorded material to .avi files with audio
- Setup wizard
- Discovery NMS service
- Video codecs updated to v1.8.5 (x86 & x64)
- New split screens
- G726 codec support
- Supports DSC control panels
- Current log
- Event settings for DSC
- New log filter
- New icons for devices and maps
- Controlling DSC control panels from maps
- Intuitive interface allowing to create own window layouts – multi-window interface
- Application ready for operation in multi-monitor environment.
- Supports creation of own camera layouts from device list using „drag & drop” method.
- Graphic representation for motion detection, alarms, recording status for particular devices – available both in the picture and device list.
- Able to record audio & video for every connected device (camera, video server)
- Unique algorithm of disk space allocation, able to define recording space for each of the channels separately
- Option to define recording time for both PRE- and POST- alarms

- Transparent recording schedule, set independently for each video channel
- Features PTZ camera control
- Control of the software and PTZ cameras available via keyboard (with joystick)
- Supports .avi recording export
- Management of user's system access rights
- Multi-layered maps, fully user-adjustable
- Digital zoom, especially handfull with megapixel camera operation
- Advanced event scenarios, allowing to combine triggers (such as alarm, motion detection or other system events) with responses (user-configured).
- Event log search function, allowing to watch desired alarm event
- Built-in configuration backup tool
- NWatch – system monitoring tool

### **Supported devices:**

#### Alarm control panels

DSC control panels

#### IP Cameras

NVIP-2DN5001C-1P

NVIP-2DN6020SD

NVIP-2DN3001H/IR-2P

NVIP-2DN4001V/IRH-2P

NVIP-2C2011D

NVIP-2DN2001D

NVIP-2DN5001C

NVIP-TDN3401H/IR/MPX2.0

NVIP-HDN4000VP

NVIP-HDN5000

NVIP-TDN3400H/IR-3

NVIP-TC5400C

NVIP-TC2400D/MPX1.3-II

NVIP-TDN4401V/IR/MPX2.0

NVIP-TC5401C/MPX2.0

NVIP-TDN5401C/MPX2.0

NVIP-DN6137SD

NVIP-1DN6118SD

NVIP-2DN6010SD

#### IP Video servers

NVIP-VS101LITE

NVIP-VS101

NVIP-VS102

NVIP-VS104

Full support for cameras connected via video servers and controlled using Novus-C, Novus-C1, Novus-C2 and Pelco-D protocols

#### Control keyboard

VIDEOTECH DCZ

#### Other devices

Supports any device that sends video stream in MJPEG, MPEG-4, H264 and utilizes RTP/RTSP protocols

### **Version 1.22.23**

#### **Remote functions:**

- Sharing remote inputs and outputs on the server
- Remote logs
- Sending information about motion
- Live picture and sound playing
- Recording playback (both audio and video) from remote server
- PTZ control
- Access to remote functions granted in accordance with privileges of the user logging in to remote server
- WWW video display via internet browser and mobile devices (mobile phones, PDAs etc.).  
Adjustable resolution of the video stream.
- Application statistics available via WWW
- Features possibility of remote surveillance for any software which is RTP/RTSP compatible.

#### **Local functions:**

- Correction of video decoder for 2DNXXXX cameras
- Correction of sending e-mails with a camera image
- Application division into Client, Server and Stand-alone operation modes
- Reduction of delays during PTZ control
- ADPCM, G726ADPCM, PCM codecs' support for export to .avi
- New module for software activation
- Export of recorded material to .avi files with audio
- Setup wizard
- Discovery NMS service
- Video codecs updated to v1.8.5 (x86 & x64)
- New split screens
- G726 codec support
- Supports DSC control panels
- Current log
- Event settings for DSC
- New log filter
- New icons for devices and maps
- Controlling DSC control panels from maps
- Intuitive interface allowing to create own window layouts – multi-window interface
- Application ready for operation in multi-monitor environment.
- Supports creation of own camera layouts from device list using „drag & drop” method.
- Graphic representation for motion detection, alarms, recording status for particular devices – available both in the picture and device list.
- Able to record audio & video for every connected device (camera, video server)
- Unique algorithm of disk space allocation, able to define recording space for each of the channels

separately

- Option to define recording time for both PRE- and POST- alarms
- Transparent recording schedule, set independently for each video channel
- Features PTZ camera control
- Control of the software and PTZ cameras available via keyboard (with joystick)
- Supports .avi recording export
- Management of user's system access rights
- Multi-layered maps, fully user-adjustable
- Digital zoom, especially handful with megapixel camera operation
- Advanced event scenarios, allowing to combine triggers (such as alarm, motion detection or other system events) with responses (user-configured).
- Event log search function, allowing to watch desired alarm event
- Built-in configuration backup tool
- NWatch – system monitoring tool

### **Supported devices:**

#### Alarm control panels

DSC control panels

#### IP Cameras

NVIP-2DN3001H/IR-2P  
NVIP-2DN4001V/IRH-2P  
NVIP-2C2011D  
NVIP-2DN2001D  
NVIP-2DN5001C  
NVIP-TDN3401H/IR/MPX2.0  
NVIP-HDN4000VP  
NVIP-HDN5000  
NVIP-TDN3400H/IR-3  
NVIP-TC5400C  
NVIP-TC2400D/MPX1.3-II  
NVIP-TDN4401V/IR/MPX2.0  
NVIP-TC5401C/MPX2.0  
NVIP-TDN5401C/MPX2.0  
NVIP-DN6137SD  
NVIP-1DN6118SD  
NVIP-2DN6010SD

#### IP Video servers

NVIP-VS101LITE  
NVIP-VS101  
NVIP-VS102  
NVIP-VS104

Full support for cameras connected via video servers and controlled using Novus-C, Novus-C1, Novus-C2 and Pelco-D protocols

#### Control keyboard

VIDEOTECH DCZ

#### Other devices

Supports any device that sends video stream in MJPEG, MPEG-4, H264 and utilizes RTP/RTSP protocols

## **Version 1.22.22**

### **Remote functions:**

- Sharing remote inputs and outputs on the server
- Remote logs
- Sending information about motion
- Live picture and sound playing
- Recording playback (both audio and video) from remote server
- PTZ control
- Access to remote functions granted in accordance with privileges of the user logging in to remote server
- WWW video display via internet browser and mobile devices (mobile phones, PDAs etc.).  
Adjustable resolution of the video stream.
- Application statistics available via WWW
- Features possibility of remote surveillance for any software which is RTP/RTSP compatible.

### **Local functions:**

- Application division into Client, Server and Stand-alone operation modes
- Reduction of delays during PTZ control
- ADPCM, G726ADPCM, PCM codecs' support for export to .avi
- New module for software activation
- Export of recorded material to .avi files with audio
- Setup wizard
- Discovery NMS service
- Video codecs updated to v1.8.5 (x86 & x64)
- New split screens
- G726 codec support
- Supports DSC control panels
- Current log
- Event settings for DSC
- New log filter
- New icons for devices and maps
- Controlling DSC control panels from maps
- Intuitive interface allowing to create own window layouts – multi-window interface
- Application ready for operation in multi-monitor environment.
- Supports creation of own camera layouts from device list using „drag & drop” method.
- Graphic representation for motion detection, alarms, recording status for particular devices – available both in the picture and device list.
- Able to record audio & video for every connected device (camera, video server)
- Unique algorithm of disk space allocation, able to define recording space for each of the channels separately
- Option to define recording time for both PRE- and POST- alarms

- Transparent recording schedule, set independently for each video channel
- Features PTZ camera control
- Control of the software and PTZ cameras available via keyboard (with joystick)
- Supports .avi recording export
- Management of user's system access rights
- Multi-layered maps, fully user-adjustable
- Digital zoom, especially handful with megapixel camera operation
- Advanced event scenarios, allowing to combine triggers (such as alarm, motion detection or other system events) with responses (user-configured).
- Event log search function, allowing to watch desired alarm event
- Built-in configuration backup tool
- NWatch – system monitoring tool

### **Supported devices:**

#### Alarm control panels

DSC control panels

#### IP Cameras

NVIP-2DN3001H/IR-2P  
 NVIP-2DN4001V/IRH-2P  
 NVIP-2C2011D  
 NVIP-2DN2001D  
 NVIP-2DN5001C  
 NVIP-TDN3401H/IR/MPX2.0  
 NVIP-HDN4000VP  
 NVIP-HDN5000  
 NVIP-TDN3400H/IR-3  
 NVIP-TC5400C  
 NVIP-TC2400D/MPX1.3-II  
 NVIP-TDN4401V/IR/MPX2.0  
 NVIP-TC5401C/MPX2.0  
 NVIP-TDN5401C/MPX2.0  
 NVIP-DN6137SD  
 NVIP-1DN6118SD  
 NVIP-2DN6010SD

#### IP Video servers

NVIP-VS101LITE  
 NVIP-VS101  
 NVIP-VS102  
 NVIP-VS104

Full support for cameras connected via video servers and controlled using Novus-C, Novus-C1, Novus-C2 and Pelco-D protocols

#### Control keyboard

VIDEOTECH DCZ

#### Other devices

Supports any device that sends video stream in MJPEG, MPEG-4, H264 and utilizes RTP/RTSP protocols



## **Version 1.21.22**

### **Remote functions:**

- Sharing remote inputs and outputs on the server
- Remote logs
- Sending information about motion
- Live picture and sound playing
- Recording playback (both audio and video) from remote server
- PTZ control
- Access to remote functions granted in accordance with privileges of the user logging in to remote server
- WWW video display via internet browser and mobile devices (mobile phones, PDAs etc.).  
Adjustable resolution of the video stream.
- Application statistics available via WWW
- Features possibility of remote surveillance for any software which is RTP/RTSP compatible.

### **Local functions:**

- Setup wizard
- Discovery NMS service
- Video codecs updated to v1.8.5 (x86 & x64)
- New split screens
- G726 codec support
- Supports DSC control panels
- Current log
- Event settings for DSC
- New log filter
- New icons for devices and maps
- Controlling DSC control panels from maps
- Intuitive interface allowing to create own window layouts – multi-window interface
- Application ready for operation in multi-monitor environment.
- Supports creation of own camera layouts from device list using „drag & drop” method.
- Graphic representation for motion detection, alarms, recording status for particular devices – available both in the picture and device list.
- Able to record audio & video for every connected device (camera, video server)
- Unique algorithm of disk space allocation, able to define recording space for each of the channels separately
- Option to define recording time for both PRE- and POST- alarms
- Transparent recording schedule, set independently for each video channel
- Features PTZ camera control
- Control of the software and PTZ cameras available via keyboard (with joystick)
- Supports .avi recording export
- Management of user's system access rights
- Multi-layered maps, fully user-adjustable
- Digital zoom, especially handfull with megapixel camera operation

- Advanced event scenarios, allowing to combine triggers (such as alarm, motion detection or other system events) with responses (user-configured).
- Event log search function, allowing to watch desired alarm event
- Built-in configuration backup tool
- NWatch – system monitoring tool

## **Supported devices:**

### Alarm control panels

DSC control panels

### IP Cameras

NVIP-2DN3001H/IR-2P

NVIP-2DN4001V/IRH-2P

NVIP-2C2011D

NVIP-2DN2001D

NVIP-2DN5001C

NVIP-TDN3401H/IR/MPX2.0

NVIP-HDN4000VP

NVIP-HDN5000

NVIP-TDN3400H/IR-3

NVIP-TC5400C

NVIP-TC2400D/MPX1.3-II

NVIP-TDN4401V/IR/MPX2.0

NVIP-TC5401C/MPX2.0

NVIP-TDN5401C/MPX2.0

NVIP-DN6137SD

NVIP-1DN6118SD

NVIP-2DN6010SD

### IP Video servers

NVIP-VS101LITE

NVIP-VS101

NVIP-VS102

NVIP-VS104

Full support for cameras connected via video servers and controlled using Novus-C, Novus-C1, Novus-C2 and Pelco-D protocols

### Control keyboard

VIDEOTECH DCZ

### Other devices

Supports any device that sends video stream in MJPEG, MPEG-4, H264 and utilizes RTP/RTSP protocols

## **Version 1.20.34**

## **Remote functions:**

- Sharing remote inputs and outputs on the server
- Remote logs
- Sending information about motion
- Live picture and sound playing
- Recording playback (both audio and video) from remote server
- PTZ control
- Access to remote functions granted in accordance with privileges of the user logging in to remote server
- WWW video display via internet browser and mobile devices (mobile phones, PDAs etc.).  
Adjustable resolution of the video stream.
- Application statistics available via WWW
- Features possibility of remote surveillance for any software which is RTP/RTSP compatible.

### Local functions:

- Supports DSC control panels
- Current log
- Event settings for DSC
- New log filter
- New icons for devices and maps
- Controlling DSC control panels from maps
- Intuitive interface allowing to create own window layouts – multi-window interface
- Application ready for operation in multi-monitor environment.
- Supports creation of own camera layouts from device list using „drag & drop” method.
- Graphic representation for motion detection, alarms, recording status for particular devices – available both in the picture and device list.
- Able to record audio & video for every connected device (camera, video server)
- Unique algorithm of disk space allocation, able to define recording space for each of the channels separately
- Option to define recording time for both PRE- and POST- alarms
- Transparent recording schedule, set independently for each video channel
- Features PTZ camera control
- Control of the software and PTZ cameras available via keyboard (with joystick)
- Supports .avi recording export
- Management of user’s system access rights
- Multi-layered maps, fully user-adjustable
- Digital zoom, especially handfull with megapixel camera operation
- Advanced event scenarios, allowing to combine triggers (such as alarm, motion detection or other system events) with responses (user-configured).
- Event log search function, allowing to watch desired alarm event
- Built-in configuration backup tool
- NWatch – system monitoring tool

### Supported devices:

Alarm control panels  
DSC control panels

### IP Cameras

NVIP-2C2011D

NVIP-2DN2001D

NVIP-2DN5001C

NVIP-TDN3401H/IR/MPX2.0

NVIP-HDN4000VP

NVIP-HDN5000

NVIP-TDN3400H/IR-3

NVIP-TC5400C

NVIP-TC2400D/MPX1.3-II

NVIP-TDN4401V/IR/MPX2.0

NVIP-TC5401C/MPX2.0

NVIP-TDN5401C/MPX2.0

NVIP-DN6137SD

NVIP-1DN6118SD

NVIP-2DN6010SD

### IP Video servers

NVIP-VS101LITE

NVIP-VS101

NVIP-VS102

NVIP-VS104

Full support for cameras connected via video servers and controlled using Novus-C, Novus-C1, Novus-C2 and Pelco-D protocols

### Control keyboard

VIDEOTECH DCZ

### Other devices

Supports any device that sends video stream in MJPEG, MPEG-4, H264 and utilizes RTP/RTSP protocols

## **Version 1.19.5 23-05-2011**

### **Remote functions:**

- Live picture and sound playing
- Recording playback (both audio and video) from remote server
- PTZ control
- Access to remote functions granted in accordance with privileges of the user logging in to remote server
- WWW video display via internet browser and mobile devices (mobile phones, PDAs etc.).  
Adjustable resolution of the video stream.
- Application statistics available via WWW
- Features possibility of remote surveillance for any software which is RTP/RTSP compatible.

### **Local functions:**

- Intuitive interface allowing to create own window layouts – multi-window interface
- Application ready for operation in multi-monitor environment.
- Supports creation of own camera layouts from device list using „drag & drop” method.
- Graphic representation for motion detection, alarms, recording status for particular devices – available both in the picture and device list.
- Able to record audio & video for every connected device (camera, video server)
- Unique algorithm of disk space allocation, able to define recording space for each of the channels separately
- Option to define recording time for both PRE- and POST- alarms
- Transparent recording schedule, set independently for each video channel
- Features PTZ camera control
- Control of the software and PTZ cameras available via keyboard (with joystick)
- Supports .avi recording export
- Management of user’s system access rights
- Multi-layered maps, fully user-adjustable
- Digital zoom, especially handfull with megapixel camera operation
- Advanced event scenarios, allowing to combine triggers (such as alarm, motion detection or other system events) with responses (user-configured).
- Event log search function, allowing to watch desired alarm event
- Built-in configuration backup tool
- NWatch – system monitoring tool

### Supported devices:

- Supports any device that sends video stream in MJPEG, MPEG-4, H264 and utilizes RTP/RTSP protocols
- Full support for cameras connected via video servers and controlled using Novus-C, Novus-C1, Novus-C2 and Pelco-D protocols

#### IP Cameras

NVIP-HDN4000VP  
 NVIP-HDN5000  
 NVIP-TDN3400H/IR-3  
 NVIP-TC5400C  
 NVIP-TC2400D/MPX1.3-II  
 NVIP-TDN4401V/IR/MPX2.0  
 NVIP-TC5401C/MPX2.0  
 NVIP-TDN5401C/MPX2.0  
 NVIP-DN6137SD  
 NVIP-1DN6118SD  
 NVIP-2DN6010SD

#### IP Video servers

NVIP-VS101LITE  
 NVIP-VS101  
 NVIP-VS102  
 NVIP-VS104

#### Control keyboard

VIDEOTECH DCZ

## **Version 1.18.58 10-11-2010**

### **Remote functions:**

- Live picture and sound playing
- Recording playback (both audio and video) from remote server
- Access to remote functions granted in accordance with privileges of the user logging in to remote server
- WWW video display via internet browser and mobile devices (mobile phones, PDAs etc.)..
- Features possibility of remote surveillance for any software which is RTP/RTSP compatible.

### **Local functions:**

- Intuitive interface allowing to create own window layouts – multi-window interface
- Application ready for operation in multi-monitor environment.
- Supports creation of own camera layouts from device list using „drag & drop” method.
- Graphic representation for motion detection, alarms, recording status for particular devices – available both in the picture and device list.
- Able to record audio & video for every connected device (camera, video server)
- Unique algorithm of disk space allocation, able to define recording space for each of the channels separately Przejrzysty graficzny harmonogram nagrywania, ustawiany niezależnie dla każdego kanału wideo
- Features PTZ camera control
- Supports .avi recording export
- Management of user’s system access rights
- Multi-layered maps, fully user-adjustable
- Built-in configuration backup tool
- Event log search function, allowing to watch desired alarm event

### **Supported devices:**

- Supports any device that sends video stream in MJPEG, MPEG-4, H264 and utilizes RTP/RTSP protocols
- Full support for cameras connected via video servers and controlled using Novus-C, Novus-C1, Novus-C2 and Pelco-D protocols

#### **IP Cameras**

NVIP-HDN4000VP

NVIP-HDN5000

NVIP-TDN3400H/IR-3

NVIP-TC5400C

NVIP-TC2400D/MPX1.3

NVIP-TDN4401V/IR/MPX2.0

NVIP-TC5401C/MPX2.0

NVIP-TDN5401C/MPX2.0

## IP Video servers

NVIP-VS101LITE

NVIP-VS101

NVIP-VS102

NVIP-VS104

## **Version 1.17 18-03-2010**

### **Remote functions:**

- Live picture and sound playing
- Access to remote functions granted in accordance with privileges of the user logging in to remote server
- Features possibility of remote surveillance for any software which is RTP/RTSP compatible.

### **Local functions:**

- Intuitive interface allowing to create own window layouts – multi-window interface
- Application ready for operation in multi-monitor environment.
- Supports creation of own camera layouts from device list using „drag & drop” method.
- Graphic representation for motion detection, alarms, recording status for particular devices – available both in the picture and device list.
- Able to record audio & video for every connected device (camera, video server)
- Unique algorithm of disk space allocation, able to define recording space for each of the channels separately Przejrzysty graficzny harmonogram nagrywania, ustawiany niezależnie dla każdego kanału wideo
- Features PTZ camera control
- Supports .avi recording export
- Management of user's system access rights
- Multi-layered maps, fully user-adjustable
- Event log search function, allowing to watch desired alarm event

### **Supported devices:**

- Supports any device that sends video stream in MJPEG, MPEG-4, H264 and utilizes RTP/RTSP protocols
- Full support for cameras connected via video servers and controlled using Novus-C, Novus-C1, Novus-C2 and Pelco-D protocols

## IP cameras

NVIP-HDN4000VP

NVIP-HDN5000

NVIP-TDN3400H/IR-3

NVIP-TC5400C

NVIP-TC2400D/MPX1.3

IP Video servers

NVIP-VS101LITE

NVIP-VS101

NVIP-VS102

NVIP-VS104