



From	Product Manager	Telephone	Nuremberg
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Release Letter

Product:	VIDOS-NVR
Version:	4.10.0039

This letter contains latest information about the above mentioned software product.

1. General

VIDOS-NVR 4.10.0039 is a maintenance release to VIDOS-NVR 4.10.0023 and mainly comprises improvements and bug fixes.

Important Note:

With this version VIDOS-NVR has reached “**End of Maintenance**” state, which means that neither bug fixes nor new features will be implemented in the software.

The software will still be available for purchase and for download until further notice, but only “as is”.

2. Added Features

- None



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3. Changes

- A problem causing a NVR under certain circumstances to restart if RCP+ port is busy but hangs is now handled in a secure way. Further restart will succeed.
- A problem in the Client ID handling when 16 bit client ID is wrapping around 65535 is fixed and client ID computation is now correct.
- A problem in the TrackReader routine has been fixed to prevent from looping in reads forever. Timeline manner is now handled in a more secure way.
- Trackinfo can no longer be requested without sufficient rights. LIVE level has been removed from NVR. USER or SERVICE level is required.
- Clips.db failure protection has been added. Even if clips.db is corrupt, the NVR can recover and repair it based on nvr.db and trackinfo.
- Watchdog handling has been improved to avoid unnecessary NVR service restarts.

4. Restrictions; Known Issues

- With VJT-X10/X20/X40 only one alarm sensor will be valid per camera to trigger alarm recording. E.g. VJT-X20: Alarm inputs 1 to 4 are selected, but only 'Alarm input: 2' triggers a recording for the corresponding camera 2.
- NVR does not support 'Unified picture alarm' by VJT-X10/X20/X40.
- There could be delay between audio and video with MPEG-2 on replay. Thus lip-sync is not guaranteed.
- With Archive Player having the option 'Trick mode' activated, the replay-session may show a black "no video" screen. This happens when trying to playback a recording with a too big 'I-frame distance' (e.g. I-frame distance is set to '0' in the device). It must be ensured that the encoding presets of the devices are set to 'I-frame-distance between 1 and 30 frames for proper trick replay.
- With VideoJet 8000 attempting to use the Service Web Page for 'Picture Settings' will cause a Runtime Library Error. Using the VJ8000 web interface is recommended for that.
- NVR replay of MPEG-2 will show a black cameo if MPEG-ActiveX 4.23.0022 is installed. To fix this, an update to MPEG-ActiveX 4.23.0030 or newer is required.
- With Archive Player 1.11.0007 and MPEG-ActiveX 4.23 using replay of 'File is on NVR' recordings a black cameo appears and shows 'connection error'. This is fixed by upgrading to latest Archive Player and MPEG-ActiveX.



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- Windows XP is excluded from the OS list as it can not be guaranteed to reliably run continuously in 24/7 mode. Windows XP is not allowed for production systems.
- Slow motion replay is supported down to approx. 2.5 fps.
- Maximum sharable duration of VIDOS-NVR recordings is defined by available storage size.
- ANR recovers network dropouts only if VIDOS-NVR machine remains powered up.
- When initiated from VIDOS no more than 60 Alarm jobs shall be started simultaneously.
- The achievable data rate on Bosch servers MHW-SE3M1 and MHW-SM4M1 with external Bosch RAID Arrays is 120 MBit/s.
- NVR can not be found with Multicast scan.



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5. System Requirements

- Computer with Pentium III Xeon or Pentium IV CPU, 1.8 GHz or better.
Tested with
 - Dual-Core Intel Xeon Processor 5100 series (up to 5160, 3.0 GHz, 1333 FSB) and
 - Quad-Core Intel Xeon Processor 5460 (3.0 GHz, 1333 FSB).
- Minimum 1 GB RAM
- Windows 2000 or Windows 2003 Server operating system
- Network access via 100/1000 Mbps network interface card
- VGA graphics card
- Storage media: IDE or better;
(SCSI II, SCSI Ultra or Fiber Channel are optional)
- Minimum 20 MB free disk space for installation

Remote Client:

- Microsoft Internet Explorer 6.0 or higher
- SUN Java Virtual Machine version 1.5.0.11 or newer
- DirectX 9.0c
- MPEG-ActiveX 4.24.01.02 or newer