

ViconNet / VMDC / Web Version 7.1 (Build 89)

General Description

Vicon is releasing ViconNet version 7.1 (Build 89) for all ViconNet / VMDC and Vicon Web server based systems. This updated version includes new features and several fixes for problems reported from the field and test lab and improves overall system performance and stability. ViconNet 7.1 (Build 89) includes drivers 943.

This version is backwards compatible with ViconNet 4.x, 5.x and 6.x.

Important notes:

1. The installation/upgrade process may take a while (typically 5-8 minutes).
2. There is no separate installation of drivers included in this package.
3. This version is not compatible with Windows XP that was discontinued by Microsoft. For systems running Windows XP you may keep using version 7.0.

Vicon Production

The new version of ViconNet is in production and will be installed on any system going forward. The software for existing users will be made publicly available online.

Field Installation

The installation of ViconNet / VMDC and Web server 7.1 (Build 89) on ViconNet 7.0 systems does not require any licensing. Installation on ViconNet 6.x systems requires re-licensing of the software. Systems covered by Vicon's software enhancement program will receive the license for free. For systems not covered contact Vicon sales.

Users who wish to update their existing systems (Kollektors, NVRs and Workstations) may download the new installation from the Vicon website (Support - Technical Support - Software Downloads) or order a DVD/USB through the sales channel.

To upgrade from older ViconNet versions, including versions 5.6d and 6.x, use the full installation and follow the installation instructions; it maintains all system settings and configuration (if a lower version is being upgraded, it will require updating to a supported version prior to installing this version).

Vicon Release Notes

Users may choose to keep running with their current version if they feel comfortable with it after reading the solved issues list and establishing there are no advantages in this version.

As before, a system that has this latest version 7.1 (Build 89) installed on any device should upgrade the Nucleus to version 7.1 (Build 89) even if some devices are still running an older version (Nucleus should always run the latest version).

New Features and Operational Changes

Support new 12MP camera

The display engine was updated to support the new 12MP camera released. This update allows smooth display with low latency.

Archive player copy to non-removable drives

An added setting now allows the user to choose if at the end of creating an archive process, the archive player will get copied to a USB drive, even if Windows does not see it as type removable.

Limit video export to 1920 x 1080

In order to protect from system crashes due to export of very high resolution images, the export of clips and JPEG images from ViconNet will be scaled a maximum of 1920 x 1080 (if the source is of higher resolution it will be scaled down). Archive in the ViconNet archive format will remain at the source resolution.

Solved Issues

JUMP NVR license corrected

Issue with JUMP NVR not being able to connect to a central Nucleus was corrected.

UPnP search crash

In some cases, UPnP devices on the network would cause a crash when opening the Open Standard Cameras screen (seen with Verizon router).

Updated macro disconnect

Corrected a problem where in some cases a device that disconnected would no longer show on display macro.

Kollector DVR freeze after video loss

Corrected issue causing a Kollector DVR to freeze pictures after video loss occurred.

V9360 in fisheye issue

Updated support of the V9360 that caused the fisheye image to be shown at a low resolution.

Known Issues

This version only fixes the issues listed above and is otherwise identical to ViconNet version 7.

Mask/Unmask on paused image

When video is played back and paused, an attempt to mask or unmask the image (based on the central masking feature) will not change the mask. The work around is to click on the next or previous frame buttons to refresh the image.



AVI clip playback on latest VLC

An AVI clip that is created from ViconNet does not display well on VLC media player version 2.0.X (it will play well on Microsoft media player).

Arecont cameras do not work in Multicast

Using Arecont cameras in Multicast mode does not work at this time.

Microphone icon on map

An activated microphone does not **bold** the icon on the map.

Export authorization to different product causes an error

Attempting to export user authorization from a V910 PoE camera to an H.264 encoder or HD PTZ will cause a crash. One should export authorization only to similar devices to avoid this at this time.

Web viewer video and audio simultaneous playback

Playing back audio and video simultaneously on the web viewer fails to sync, but each can be played back separately.

Picture setting changes to default

If the primary user of a camera from a Kollektor or encoder stops using the camera after making changes to its picture settings (such as brightness, color etc.), the picture changes back to default even when someone else is watching them. If necessary, save as default settings can be used to maintain the changes.

V960 audio and video sync playback

When playing back a recording on ViconNet from a V960 camera with both video and audio in sync, the audio sometimes distorts; this does not harm the recording itself.

Wrong error message on controls screen

If a user tries to setup a control and selects a port already being used, the work error message that displays is "This screen has been idle for a long..."

Vicon Release Notes

High motion video export to MPEG-4

If an H.264 high motion video is exported to an MPEG-4 clip, pixilation appears in the clip. Use Xvid to avoid this.

V960 JPEG export issues

When attempting to export an image or a clip from a recording that was done in JPEG format from a V960 camera, the export fails frequently.

Wrong message for non-authorized 3rd party camera

If a 3rd party camera (or a Vicon open-standard camera) is not authorized for a certain user, the message when attempting to view it is "site not available" instead of "not authorized."

Museum search looks like it doesn't stop

When performing Museum Search for an episode, there is no message when the search ends and it looks like the search is frozen. Pressing the "stop search" button clears the issue.

Multiple disconnects of Arecont/Sony cameras will cause NVR to crash

If an Arecont or Sony camera being recorded by NVR is repeatedly disconnecting and reconnecting to the network, the NVR might crash.

Playback control UI error

If a camera is played back and the user presses the x50 FF and then Pauses, the playback won't pause and playback buttons' functionality is broken (each button activates the one next to it).

Mobotix MXpeg Thumbnail

When using Mobotix cameras with their proprietary MXpeg format, thumbnail search will show blank images.

IQEye 12MP camera video delay

When using the new IQEye 12MP cameras, a delay is accumulated in display. This is under investigation.

Availability

The ViconNet 7.1 (Build 89) software has been released to production.