

ViconNet Version 6.7SP1 (Build 63)

General Description

Vicon is releasing ViconNet version 6.7SP1 (Build 63) for ViconNet version 6-based systems. This updated version includes several fixes for problems reported from the field and test lab and improves overall system performance and stability. ViconNet 6.7SP1 (Build 63) includes "Drivers 939."

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. This version includes all hot fixes that were formerly released for version 6.x.
3. There is no separate installation of drivers included in this package. All 6.x-based systems should perform a full update if needed.

Vicon Production

The new version of ViconNet is now 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 6.7SP1 on existing ViconNet 6.x systems does not require any re-licensing of the software and is expected to provide a solution to the list of issues detailed below.

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 CD/DVD through the sales channel.

In order to upgrade from ViconNet version 6.7, 6.6SP2 (Build 71) or 6.6SP3 (Build 93), a much smaller package than the full installation is available for download. To upgrade from ViconNet versions older than 6.6SP2 (Build 71,) 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).

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.

Vicon Release Notes

As before, a system that has version 6.7SP1 installed on any device should upgrade the Nucleus to version 6.7SP1 even if some devices are still running an older version (Nucleus should always run the latest version).

New Features and Operational Changes

Smart Memory Watch Dog

To eliminate performance issues related to memory consumption, this version includes a smart Watch Dog function that continuously monitors the memory management and, if signs of abnormal memory management are detected, will restart the application and clear memory.

An indication will be provided to the user, as well as an option to abort is do desired.

Allow Abort from Crash Watchdog

An option to abort the automatic recovery in case of a software crash was added for those who want to exit back to the O.S. when this occurs.

Solved Issues

Window XP Memory Handling

An update to the method ViconNet is running on Windows XP now allows it to overcome a Microsoft .NET 4.0 memory leak (this issue was fixed by Microsoft in .NET 4.5 but Windows XP does not support it).

Auto Login Failures

Corrected problem where auto login does not accept the user credentials and fails to login.

Sensor (alarm in) Problem

This build corrects the problem where the alarm in sensor disappear from the sensor list on Collectors or when using the ADAM I/O device.

Masking File

This build no longer exposes the masking data file to users and also protects from playing files with missing masking data in archive player.

Arecont Driver

An update to the Arecont driver was done to better set the GOP size when viewing cameras and to support new models of the panoramic camera.

CFN Message Duplication

CFN message is no longer being sent twice for every error.

Vicon Release Notes

SSL Heart Bleed Fix

Updated the web server component on the Nucleus to correct the security issue known as “heart bleed” related to open SSL.

Active Directory Text

Text and instructions in the Active Directory Import screen were updated to better instruct the user.

Active Directory Integration

Integration was updated so it will not import the groups “Admin” and “Guest” from the Active Directory to prevent system backdoors and lockups. Users imported to ViconNet need to be members of a group other than admin or guest.

Known Issues

This version only fixes the issues listed above and is otherwise identical to ViconNet version 6.7.

Playback FF/REW problem in web viewer (V960 cameras)

When using the web viewer to playback video recorded from V960 series cameras, Fast Forward and Rewind do not work correctly and will show the time stamp progressing without showing video.

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.



Startup shortcut duplication

When upgrading a ViconNet system that had Vicon’s “Delay-Run” setup (when an iSCSI RAID is used), the shortcut is sometimes not deleted from startup, which results in an error message “cannot run more than one” after ViconNet starts. This message does not affect ViconNet and can be acknowledged. The solution is to delete the delay run shortcut from startup.

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.

Vicon Release Notes

Full HD and up video stream latency

Depending on display card and monitor, full HD video (and higher) might show latency. This is typically seen when bandwidth exceeds 8 Mbps. Consult Vicon on the setting of camera to CBR to prevent such issues and the minimum requirements for hardware.

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 to only similar devices to avoid this at this time.

Cameras set to a Hebrew font name will not show correctly on site list. When a camera is set through its web page to a Hebrew font name, on the ViconNet lists the fonts will show meaningless symbols.

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 change back to default even if someone else is watching them. If needed, save as default settings can be used to fix the changes in place.

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 that is already taken, the work error message that displays is "This screen has been idle for a long..."

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

Attempting to export an image or a clip from 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 an 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."

Vicon Release Notes

Museum search looks like it doesn't stop

When performing Museum Search for an episode, there is no message when 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 Pause, the playback won't pause and playback buttons' functionality is broken (each button activates the one next to it).

Availability

The ViconNet 6.7SP1 (build 63) software has been released to production.