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## Release notes for NetDVMS Rev 6.5a

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### 1. General

The new NetDVMS 6.5 mainly adds features which enhance client operations through improved audio support (two-way audio and export of audio in AVI files), different frame rates for monitoring and recording, start/stop recording configuration directly via NetGuard-EVS and advanced carousel control. Additional enhancements include vastly improved archiving architecture and new server monitoring program.

**Note:** at the time of this release, OnSSI has launched its new Ocularis platform, which incorporates NetDVMS 6.5, among other NVRs. The following release notes thus pertain to the Ocularis platform operating in conjunction with NetDVMS 6.5.

### 2. Release Notes for NetDVMS 6.5a

#### 2.1 NetDVMS 6.5a (recorder/camera management component)

- **Different frame rates for recording and viewing video** – it is now possible to view video at high frame rates for smooth viewing while maximizing disk space by recording non-event video at lower frame rates; upon event the recording frame rate can be configured to increase.
- **Two-way audio** – In addition to support for incoming audio, outgoing audio to the camera/device is now supported via the NetGuard-EVS client. In addition to monitoring and recording audio captured by microphones connected to cameras, audio can be streamed from the NetGuard-EVS to speakers connected to cameras' audio-out jacks.
- **Improved archiving architecture** – During archiving the connections to the NetGuard, NetGuard-EVS and Ocularis clients are maintained - the NetDVMS Image Server is not stopped and the connection to each camera is very briefly paused. Transport of the archived database, as well as database deletion, is done external to the archiving process.

In addition the software now allows the use of multiple archive locations and drives, and each camera can have its own retention period.

- **Recording Server Manager** – Allows for monitoring the Recording Server service. Camera and system status is graphically displayed; the Manager also enables stopping and starting the Recorder Server service, as well as launching log files.
- **MxPEG support** – NetDVMS 6.5 supports the MxPEG video algorithm supported by Mobotix, which allows for high quality images with low bandwidth requirements.

- **Ability to Start Recording directly from the NetGuard-EVS client** – Recording time period is defined under General Settings in the NetDVMS Administrator.

## 2.2 NetGuardEVS 4.5a Video Client

- **Two-Way Audio support** – (see 'NetDVMS 6.5') In addition to support for incoming audio, outgoing audio to the camera/device is now supported via the NetGuard-EVS client. In addition to monitoring and recording audio captured by microphones connected to cameras, audio can be streamed from the NetGuard-EVS (via the 'talk' button) to speakers connected to cameras' audio-out jacks.
- **Export AVI with cameras audio** – Audio is now included with video in export of evidence in AVI formats.
- **Advanced Carousel Controls** – Ability to define unique carousel time per camera, as well as pausing a camera or switching to a different camera within the carousel sequence.
- **Send Start Recording Command** – By right clicking on a camera it is now possible to start recording a camera for a pre-defined period of time.
- **Advanced Commands** – It is now possible to assign specific commands such as PTZ presets to a joystick button or a keyboard key. In addition, it is now possible to send 'Wipe and Wash' commands using auxiliary commands to certain supported devices.
- **Recording Indicator** – When a camera is recording on the NVR, the process is indicated by a clear LED-style indicator above the camera view.

## 2.3 NetGuard Remote Client 4.5a (browser-based client)

- **Active Directory and local Windows Authentication support** – the NetGuard client now has same level of login support as the NetGuard-EVS client.

## 2.4 Installation and Discontinued Features

- **The following Software programs have been discontinued:**
  - Monitor program
  - Web Server and Live Feed Server
- **Installation Procedures and Licensing** – A new Software License Code (SLC) is needed for the NetDVMS 6.5 software. Installing the software requires removing the previous version of the software (while retaining the configuration files). For more information please visit <http://www.onssi.com>.

## 2.5 Backwards Compatibility

**Compatibility with NetSwitcher** – Only NetSwitcher 1.4.8 or later versions are compatible with NetDVMS 6.5a. Please contact [support@onssi.com](mailto:support@onssi.com) to acquire this version.