Products involved: ASANTech Pro, ASANTech MS

Release date: 17.03.2017

Release type: Software update

Software version: 5.3.1

Last preceding release: 5.3.0

Compatibility: This version is compatible with ASANTech UVP 3.8.0 or later, and ASANTech xlpr 3.0.x or later.

NOTE! This ASANTech NVR version does NOT WORK with older versions of ASAN xlpr, which must be noted before an upgrade is performed.

NOTE! CentOS 5.xx (32bit) NVR cannot be updated to CentOS 7.x (64bit) NVR in a normal update method. Please contact ASAN Support for more information.

Supported operating systems: CentOS 5.6, 5.11 CentOS 7.x

Supported client operating systems: Windows 7, Windows 8.1, Windows 10, Centos 7.x

Required Java Runtime: Java Runtime (JRE) version 8 recommended

Supported browsers: Internet Explorer, Edge, Chrome, Firefox

Contact information:

Please contact ASAN Security Technologies Ltd. for product information, updates and support at:

http://www.asansecurity.com/download

Support email: asan@asansecurity.com

Installation:

- The ASANTech Recorder is distributed as an ISO-CD image package. Upgrade from Recorder version 5.0.7 or later can be done using the upgrade from file function in the ***System->Update from file*** menu. On older version, use this image to burn a CD/DVD, which, in turn, is used to update/upgrade an existing ASANTech Recorder installation through the browser interface under ***System tools-> Update ASANTech Recorder from a CD.***
- The ASANTech Recorder 5.3.1 can only be upgraded from versions 5.0.7 , 5.1.x, 5.2.x, 5.3.x. Versions older than this must be first upgraded to version 5.0.7

- If the MPEG-4 or H.264 compression is used, ***Native Compression Library*** needs to be installed from the browser's log in page. The installation requires ***Administrator*** -rights in MS Windows. Even if installed earlier, kindly re-install for improved functionality and bug fixes.
- CentOS 5.xx 32bit NVR cannot be updated to CentOS 7.x 64bit NVR in a normal update method. Please contact ASAN Support for more information.
- CentOS 5.xx 32bit NVR configuration can be restored to a CentOS 7.x 64bit NVR (this does not include recordings) NOTE! CentOS 5.xx 32bit NVR must first be updated to ver. 5.2.3 before backup is taken (version numbering must match in both)
- When installing from CentOS 7.3 kickstart, after the first reboot, the installer will prompt user to accept the license. Choose 'c' and press enter to continue. After continuing the installer will automatically reboot the server. This operation will last for few minutes depending on server hardware.

For detailed upgrade instructions, please navigate to http://www.asansecurity.com/download -> Product Documents -> Recorder

Please note:

- After upgrading the ASANTech Recorder software, a restart is required for all clients connected.
- Pop-ups must be allowed in browser settings on the browser clients.
- Old web user interface work only with Internet Explorer 11

New features in ASANTech Recorder version 5.3.1:

- Support for Axis Cross Line Detection events
- Support for Axis Zipstream
- Support for Hikvision h.264+

Improvements and fixed issues:

- Bosch encoder driver (VIP-X16-XF-E-23500570) updated to support h.264 streams and PTZ
- Bosch encoder driver (VIP-X16-XF-E-23500570) updated to support VIDEOJET multi 4000 encoder
- Updated VCA area visibility support for Axis 6.x firmware
- Corrections to RTP/RTSP_OVER_HTTP in Axis VAPIX3-5.00+ and Hikvision-IPCam-5.0.0+ drivers

New IP-device drivers:

- Sony SNC-G7
- Sony SNC-VM772R (4K)

Omitted features or functionality:

- None

Known issues / limitations:

- CentOS 7.x kickstart will halt after line "Killing all remaining processes". This is a known issue with CentOS 7.x kickstart. It is safe to reboot the system at this point
- For selected camera models of Axis, Hikvision, Panasonic, Sony, UTC and Vivotek, ASAN provides generic drivers, which can be used with several different camera models. Please see the complete

ASAN Security Technologies Oy   **www.asansecurity.com**   **E-mail**
Kutojantie 2, 02630 ESPOO   Tel. +358 9 8817 1607   salesinfo@asansecurity.com
FINLAND   firstname.lastname@asansecurity.com

list of supported models at http://www.asansecurity.com/download -> Product Documents -> Recorder -> v5.3

- Generic camera drivers need same resolution from camera and from recorder in order to work with xlpr.
- When adding or importing cameras with generic drivers user must wait for the driver to retrieve the needed info from camera before applying changes.
- Because of updated certificate files, it is required to clear Java cache in all client computers before lauching the NVR application, if upgrading from 5.2.x or older.
- Audio is not supported in Hikvision-IPCam-5.0.0+ driver.
- Old web based user interface works only with Internet Explorer 11