Vista qulu VMS 3.2

RELEASE NOTES
Release v3.2.0.20833

ATTENTION

If you are on Windows 7, please make sure the following updates are NOT installed. If they are installed, please uninstall them first or you may experience issues with upgrade!:

- KB4340556
- KB4338818
- KB4054530

See details here: vistacctv.freshdesk.com/ support/solutions/articles/14000091374

DO NOT UPGRADE SYSTEMS USING THE PAXTON INTEGRATION TO THIS RELEASE. This release does not support Paxton integration. A subsequent build will be made available for Paxton users.

Lite Client Support has been removed from Q Server [HDMI Output]

NEW FEATURES

- In-Camera Analytics Support - Users can now use in-camera analytics events when creating rules in the rules engine for Axis, Digital Watchdog, and Hikvision cameras
- Enhanced Export - a completely redesigned video export with the ability to burn in watermark logos during export
- Export Bookmarks from Timeline - a button has been added to allow users to export bookmarks directly from the Timeline

- Custom Camera Logical ID - Users can assign a custom Logical ID in the Camera Settings dialog to create an alias for the Camera ID in server API calls
- Archive Integrity Check - Users will receive a notification when viewing any archive which has been modified manually (files moved or deleted in storage archive)
- Contextual Help Revamp - A fully revamped version of the help manual
- Bitrate Throttling - Added the ability to adjust bitrate (fine tuning) for Axis, Acti, Hanwha, Hikvision, and ONVIF devices

NEW DEVICE SUPPORT/IMPROVEMENTS

- Device support added for:
  - Axis Q6214, M5054, D2050, Q6124, M5054, D2050, P1367, P1368, F40-Q1765, XF60-Q1765, P40-Q1765, F34, FA54, M5525, Q8742, P1275, Q8741, FA1105, FA4115, P1245, P1265, F1004, M3048, F8804, P3375, F4005, F1025, F1005, Q3517, Q8685, P3374, FA1125, F1015, F1035, Q3504, Q8642, Q8641, XF60-Q2901, XP40-Q1942, XF40-Q2901,P1447, Q3515, P1447, Q3515, M5065, M3058, M3015, P1290, Q6125, M3057, Q1645, Q1647, M5055, M3016, P1280,P1448.
  - Axis F44 encoder
  - Arecont Vision AV08ZMD-300,AV02CID-100, AV05CID-100, AV02CMB-100, AV05CMB-100, AV02CLB-100, AV05CLB-100, AV02CLD-100, AV05CLD-100, AV08CPD-118, AV20CPD-118
  - Hikvision DS-7216, DS-2DF6223-CX

NEW DEVICE SUPPORT/IMPROVEMENTS (CONTINUED)

- Hikvision 6704 encoder
- 2-Way Audio support for:
  - ONVIF devices
  - Sony SNC-CX600,SNC-VM600, SNC-VM630, SNC-VM641, SNC-VB632, SNC-VB642, SNC-WR632, SNC-WR602, SNC-WR630, SNC-EM641
  - Hikvision cameras with firmware 5.3 and newer
- Advanced PTZ support for:
  - UNIVIEW IPC6253SR-X33
  - Securicorp SCL-SDM03MVIR-WD3533X
  - Hikvision DS-2DF8436IX-AELW, DS-2DF8236IZ-AEL, DS-2DE4220W, DS-2DE4220IW, DS-2DE7330IW-AE, DS-2DP1636ZIX-D/236
  - Vista VK2-HD30-PM
- Analog Encoder License support for:
  - Acti V23
  - UNIVEW NVR302-16S-P16, NVR302-08S-P8
  - Sony SNT-EX104, SNT-EX154, SNT-EP154
  - Dahua DHI-HCVR7108H-V2, DHI-HCVR7108H-S2
  - Siqura EVE FOUR
  - Hikvision DS-6708
- Input/Output fixes for:
  - Hikvision DS-2DE4A220IW-DE, DS-2CD2522FWD, DS-2CD2142FWD and OEM versions, DS-6716, DS-6708
- Ability to change image resolution and adjust bitrate (fine tuning) for:
  - Axis
  - Acti
  - Hikvision
  - ONVIF cameras
  - G.726 audio playback support
  - G.726 and G.711 audio export to mp4 support
  - FPS limit increased to 10 for Arecont Vision AV12275 and AV12276 cameras

IMPROVEMENTS

- Redesigned video export
- Vulnerability fixes
- EULA fixes in Windows installer and server web page
- If EULA is updated, it is shown once on client launch and needs to be accepted
- Comprehensive user manual updates
- Added ability to import missing archive video from Lilin cameras internal storage
- Cloud Beta warning has been removed from the System Administration dialog
- Events are split into groups in the Event Rules dialog
- Added a context menu to all local system tiles on the Welcome page
- Improved timeline behavior when motion search is activated
- Separate "Web page" tab in "Camera Settings/Advanced" dialog
- Database backup performed automatically prior to merging systems
- If multiple cameras do not support chosen event, warning message is displayed
- "Export bookmark" button added to timeline
- Improved support for multi-sensor cameras (by UI and license)
- Screen recording is disabled for users without Export Archive permission
- Checkbox "Launch video wall when Windows starts" is set by default now
- "Do HTTP Request" action improvements: multiple methods are supported (POST, GET, DELETE, PUT)
- USB storage support. USB storage is not enabled by default but can be enabled with a parameter in config file
- ONVIF is automatically enabled for Hikvision cameras with firmware 5.5 and newer
- Increased default secondary stream quality
- "Do HTTP Request" action improvements: user can now specify request and authorization type manually

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IMPROVEMENTS (CONTINUED)

- "Make showreel" was moved to the separate block between "Save Layout As" and "Delete" in the context menu

- Timemaker behavior improvements: movements are more predictable

- Playback state, speed, position, and rotation are now saved when a camera is opened in a new tab

- Added default camera sorting in "Add Camera" dialog

- Changed text on "Time synchronization" tab

- Increased default FPS in "Camera Settings/Recording"

- Increased Max Days maximum value in "Camera Settings/Recording"

- Adaptive Scaling improvements

- Image quality (High/Low) can be forced and saved separately for any video in layout

- Compression factors for Arecont Vision are tuned. FPS counter should be just as configured in Camera Settings

- Audio output over RTSP support for Digital Watchdog cameras

- "Camera recording" action in Event Rules now has 9999 seconds limit instead of 3600

- Desktop Client now shows a warning if user is trying to record to a removable drive (USB)

- Improved context help

- "Local files" are no longer automatically expanded in the Resource Tree

- An administrator fetched by LDAP can now modify LDAP settings and fetch users

- Added Ukrainian language

UI CHANGES

- "Delete layout tour" is renamed to "Delete Showreel"

- "Showreel cycle" is renamed to "Tour Cycle"

MAC OS FIXES

- Improved timeline on Web Client for retina displays

- Improved marker fade animation when timeline panel is hidden

- Memory leaks in the client on Mac OS High Sierra. Fixed

- Several interface windows were always "on top" in Mac OS X. Fixed

- "User Settings" window appeared below "System Administration" dialog in Mac OS X. Fixed

- Mouse cursor hover stops working in some cases. Fixed

- Incorrect message if "Show bookmarks" is enabled. Fixed

- Animation of the time marker for NOV files is not smooth. Fixed

BUG FIXES

- Server did not initialize properly If a large storage drive was mounted to server directory. Fixed

- Analytics events did not function as expected for some Hikvision cameras. Fixed

- Some customers were not able to launch desktop client after in-client update. Fixed

- Italian language icon was missing in the Local Settings Dialog. Fixed

- Cloud connectivity issues on ARM devices. Fixed

- System time was shown in UTC instead of correct time zone. Fixed

- Incorrect timeline in multi-video export. Fixed

- License key was truncated in "System Administration/Licenses". Fixed

- Calendar showed incorrect date if client and server dates were different. Fixed

- It was possible to change the password for a particular channel on multi-channel devices. Fixed

- Links to the video were added to "Input event" email for a camera without recording. Fixed

- Scene went upside down if client switched to window mode and Resource Tree was resized from maximum to minimum. Fixed

- "The pipe is being closed" issue while upgrading through the installer. Fixed

- Manual activation link was unclickable in"System Administration/Licenses/Manual Activation". Fixed

- PTZ button might not appear if camera switched from "Unauthorised" to "Online" state. Fixed

BUG FIXES (CONTINUED)

- Timeline was translated incorrectly in some languages. Fixed

- Sometimes it took about 2 minutes to switch timeline to server time mode. Fixed

- Layout was duplicated in Resource Tree when overwriting an existing layout. Fixed

- HTML bookmark description was shown as plain text. Fixed

- "Recording" indicator disappeared from camera panel after switching from archive to live mode. Fixed

- Full screen archive playback caused high network usage for a long time. Fixed

- "Enable audio" option was available for Axis cameras without audio support. Fixed

- Local drivers disappeared from Storage Management dialog or got disabled after Media Server restart. Fixed

- Failover priority worked improperly. Fixed

- Sanyo cameras RTSP stream did not work. Fixed

- Server sometimes responded "401" to API calls with proper authorization data. Fixed

- Multi-sensor Hikvision cameras were added as a single sensor. Fixed

- Server sent HTTP requests to cameras during failover even when cameras had been removed from the System. Fixed

- Network storage drive could be initialized first, which was slow. Local Drives are now always initialized first, which is fast, so recording starts quickly no matter what

- UDP multicast stream recording could stop after some time although live view was OK. Fixed

- "No Signal" error for Hikvision 2CD6362F-I. Fixed

- RTSP streams from VLC as RTSP server could not be viewed in client. Fixed

- Connectivity issues with Axis cameras opened in Web Client from Cloud Admin interface. Fixed

- DTV cameras caused severe memory leaks in Media Server. Fixed

- Cameras added as generic RTSP links reappeared instantly after removal. Fixed

- "Offline" tiles could not be removed from the welcome screen. Fixed

- Server added only a single stream from Axis Q6000. Now all four sensors can be added

- Archive backup bandwidth limit did not work for local drives. Fixed

- Server failed to add NAS with domains specified in username. Fixed

- Video wall improperly detected screen geometry if more than six displays were attached. Fixed

- Audit trail did not log unsuccessful login attempts. Fixed

- In multi-server systems, camera could be recorded to several servers simultaneously. Fixed

- Server did not add Axis P3707 camera after a successful search. Fixed

- Single and multi-sensor cameras played asynchronously. Fixed

- Different UI and user manual translation issues. Fixed

- Client sometimes stuck when several clients were open. Fixed

- Uniview DVS4116 auto-discovered information was incorrect. Fixed

- Axis horn speaker failed to work after upgrade to 3.1. Fixed

- Local time synchronization might misbehave if CPU clocks were imprecise. Fixed

- Multi-channel cameras had incorrect resolution in "Information" overlay in 2x2 mode. Fixed

- No audio from Acti cameras of AB2L platform. Fixed

- Dahua DH-SD22404T-GN PTZ did not follow in-client joystick commands. Fixed

- Dragging zoom window between ultra-widescreen and normal camera caused aspect ratio misbehaviour. Fixed

- Sound from some cameras was played back with distortion on high frequencies. Fixed

- If camera was manually added and camera IP was changed after that, camera IP was not adjusted after new manual search. Fixed

- Various server and client crashes fixed

- Slight API documentation fixes

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TESTED OS

- Windows 7
- Windows 8
- Windows 8.1
- Windows 10
- Windows Server 2008
- Windows Server 2008 R2
- Windows Server 2012
- Windows Server 2012 R2
- Windows Server 2016 v1607
- Windows 10 Enterprise
- Ubuntu 14.04 LTS
- Ubuntu 16.04 LTS
- OSX 10.11: "El Capitan"
- OSX 10.12: "Sierra"
- OSX 10.13: "High Sierra"

KNOWN LIMITATIONS

- Axis analytics. If Axis People Counter is enabled on Axis camera, auto and manual discovery don't work in software. Camera issue
- Recorded G.726 audio with 16 Kbit bitrate is not played in archive
- Export H.265 to .avi is not supported
- Lite Client Support Removed on Q Server [HDMI Output]