Vista qulu VMS 3.1

RELEASE NOTES
Release 3.1.0.16975

NEW FEATURES:

- Cloud Client - browser based client now in the Cloud Portal

- Cloud Data Proxy - in cases where NAT Traversal fails

- Soft Triggers - create and add overlaid buttons to trigger system actions

- Showreel - create customisable timed viewing sequences using any resource - cameras, layouts, web pages, offline files, and even server health monitoring

- Acknowledge and Bookmark - force acknowledgement and bookmark by operators before a notification disappears in desktop client

- Multicast stream support - multicast streams can be added to server as a camera

- H.265 support - H.265 codec is now supported for generic RTSP links and Hikvision cameras

- API generator - create HTTP generic events or API calls in the 'For Developers' tab of the web admin interface

NEW DEVICE SUPPORT:

- Analogue Encoder licence support added for: Dahua DHI-HCVR Series, Dahua DHI-XVR Series, Dahua X21A2E, Samsung Techwin SPE-400, TCAM TCS-300, VIVOTEK VS8102

- New Arecont Vision devices supported: 2325, 2326, 3325, 3326, 12375, 12376, 20375

- New Axis devices supported: P3227, P3228, Q1659, Q1942

- ACTi I96

- Advanced PTZ support for Hikvision DS-2DF5220S-DE4/W, Samsung Techwin XNP-6370

- 2-way audio support for Sony SNC-CX600, Dahua IPC-K15P, Dahua IPC-K35P

- Alarm Input support for Hikvision cameras: DS-2CD2132F-IWS, DS-2CD2655FWD-IZS, DS-2CD2742FWD-IS, DS-2CD2942F-IS, DS-2CD4A26FWD-IZS, DS-2CD63C2F-IS, DS-2DE4A220IW-DE

- Alarm Output support for Hikvision cameras: DS-2CD2132F-IWS, DS-2CD2655FWD-IZS, DS-2CD2742FWD-IS, DS-2CD2942F-IS, DS-2CD4A26FWD-IZS, DS-2DE4A220IW-DE

IMPROVEMENTS:

- RTSP digest authentication support added

- LDAP general workflow improvements, secured LDAP is supported now, integration with Jumpcloud service

- User can connect to server with cloud credentials even if internet connection is temporarily unavailable

- Active licence can now be deactivated within the client and applied to another server

- User can disable time synchronisation with internet on 'Time Management' tab in 'System Administration'

- Server can be unmerged from system keeping its database ('Detach Server from System' button in 'Web Admin')

- Specific users or user roles can be selected as a target for actions in 'Event Rules'

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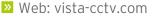
IMPROVEMENTS (CONTINUED):

- Cloud users who have been invited but have not created an account are marked in client

- New event 'System drive is full' was added

- Device recording' action can be used for instant events with new option 'Fixed duration'

- Email notifications option can be sent in plain text format

- Added new 'Camera Details' panel in web client

- Web client can now be opened on mobile devices

- Clear storage space mechanism was optimised and improved

- Added video support for web pages in client (any video codec pack like 'K-Lite codec pack' has to be installed on client PC)

- 'Application Window' mode was removed from 'Screen Recording' options

- Added 'Disable blur' option to the 'Advanced' tab of 'Local Client Settings'

- Local files can be renamed from client resources tree

- Small interface improvements and UI fixes

- Incremental expansion of server API documentation

- General server stability improvements based on anonymous usage and crash statistics

BUG FIXES:

- New Hikvision cameras got blocked for 30 minutes during auto-discovery. Fixed.

- Axis Q6000-E was not discovered using ONVIF. Fixed.

- Axis P7210 encoder could not be added through native Axis driver (only as ONVIF resource) that caused different issues. Fixed.

- IQEye cameras were not allowed to "Force motion detection" for any stream. Fixed.

- Impossible to get primary stream from Arecont Vision cameras with maximum fps. Fixed.

- Axis T8311 joystick moved several PTZ cameras on several opened client sessions, simultaneously. Now can be disabled with "PTZ" icon in camera panel. Fixed.

- Dahua cameras initially showed 'unauthorised' after discovery. Fixed.

- Motion detection sometimes failed for Arecont Vision AV10655. Fixed.

- H.264 codec was unavailable for Arecont Vision AV6655 and AV6656. Fixed.

- Several cameras forwarded from the same remote IP and added to the same server caused "Device IP conflict" alarm. Fixed.

- A lot of authorisation attempts in Audit Trail if System page was opened on Cloud Portal for a long time without any activity. Fixed.

- There was no record with "Server updated" in Audit Trail if external storage had been removed. Fixed.

- "Login" activity was displayed twice in Audit Trail if user logged into server and then disconnected using Main Menu. Fixed.

- Lite Client crashes in full screen mode on cameras with low stream width > 640px. Fixed.

- When upgraded to 3.0, servers could fail to communicate if discovery was disabled. Servers appeared offline. Fixed.

- Licence keys were sometimes lost after upgrade from older versions. Fixed.

- Backgrounds for removed layouts were stored in Server DB significantly increasing its size. Fixed.

- System didn't allow you to delete users with "Locked" layouts. Fixed.

- In some rare situations small parts of archive (about 1 minute) could not be played in client. Fixed.

- Couldn't add NAS with symbols (@,#,$,etc.) in login/password pairs -- "Invalid Storage Path" message was shown in client. Fixed.

- Not all multicast packets were disabled if user turned off auto-discovery and failover was not used. Fixed.

- Server might not start properly after PC reboot if it was updated twice with new .exe installer. Fixed.

- Server on Q Server didn't completely un-mount NAS if it was removed from client. Server restart was required. Fixed.

- Q Server upgrade could fail in cases of high memory usage. Fixed.

- USB sticks could be recognised as storage on Linux Servers. Fixed.

BUG FIXES (CONTINUED):

- System time offset could reach several seconds per day. Fixed.

- Rare server crash when camera with audio was opened in web client. Fixed.

- Several simultaneous HLS exports using API methods could fail. Fixed.

- Users unable to login after password change at LDAP server. Fixed.

- Systems with very high number of custom users at one moment could start failing to sync database. Fixed.

- API requests for streaming were not proxied between servers if camera ID was used instead of physical ID. Fixed.

- There was wrong error message in Setup Wizard if user set non-English letters in password. Fixed.

- If a camera was not being recorded, the images were not initially displayed in Web Client. Fixed.

- Archived video could not be played in web client if camera was moved from ARM to PC server. Fixed.

- Timeline in web client always displayed local client time that might lead to wrong archive displaying. Fixed.

- Client "Connect to Server..." dialogue always kept password for the last used connection. Fixed.

- Client didn't create 'Main Media' folder on first start after installation. Fixed.

- Local files could not be saved on layout if they were not located in Client Media Folder. Fixed.

- Client multi-window mode might not work properly in specific monitor configurations (more than 2 displays, different scales on each display). Fixed.

- IO module incorrectly displayed when all inputs or outputs were set to the same mode. Fixed.

- Custom aspect ratio for camera was not applied on thumbnails. Fixed.

- Web pages couldn't be 'drag-n-dropped' from Resources Tree to Video Wall view. Fixed.

- Client could crash if some specific web pages were opened on layout. Fixed.

- 2-way audio sometimes worked with significant delay after item reopening. Fixed.

- Screen recording couldn't save file if 2-way audio talk button was used before. Fixed.

- Text overlay and bookmarks were not displayed on item if text contained symbol '&'. Fixed.

- Backward playback didn't work properly with enabled Smart Search - video could be played continuously despite the motion chuncks. Fixed.

- Video exported from client 2.6 and less was played in 3.0 with audio out of sync. Fixed.

- Preview search layout issue. Fixed.

- Video could start playing from 'Pause' after switching between layouts. Fixed.