

# Avigilon Control Center™ ES Analytics Appliance and ES HD Recorder Release Notes

Version 1.4.4.44 (ACC Version 6.4.2.10) – Released August 11<sup>th</sup>, 2017

This is a service release of Avigilon Control Center™ 6.4. It adds support for Axis A8004-VE and A8105-E Door Station devices as well as corrects an issue with Central Station Notifications.

Integration users may need to upgrade their integration software to a version supported by ACC 6. Please consult the website to determine which versions of your integrations are supported and available for ACC 6.

## New Features

- Axis A8004-VE and A8105-E Door Station devices can now be used with ACC. This includes the ability to view and record video, setup motion events, use two-way audio, and use the digital inputs/outputs.

## Issues Fixed

- Fixed an issue where Central Station Notifications, which are sent using SMTP, did not have both CR (carriage return) and LF (line feed) characters in the message header as required.

## Known issues in this release (unchanged from the previous release)

Due to a regression introduced in ACC 6.0.0.24, the thumbnail results for a Thumbnail Search won't load until all results are available rather than loading sequentially as they did previously. This is most noticeable for Clients connected over a remote connection.

## Avigilon Control Center™ ES Analytics Appliance and ES HD Recorder Release Notes

Version 1.4.4.44 (continued)

### Avigilon™ Camera FW Included

- V3.16.0.186 for H4 Mini Dome cameras
- V3.16.0.186 for H4 SL Bullet and Dome cameras
- V3.16.0.168 for H4 Pro H.264 cameras
- V3.16.0.178 for H.264 H3 cameras with self-learning analytics
- V3.16.0.172 for H4 Fisheye cameras
- V3.2.0.44 for H3 Multisensor cameras
- V3.16.0.170 for H4 PTZ cameras
- V3.16.2.178 for H4 Box Bullet Dome cameras with self-learning analytics
- V2.6.0.160 for H3 Micro Dome cameras
- V2.6.0.158 for H3 PTZ cameras
- V2.6.0.160 for H3 Bullet cameras
- V2.6.0.160 for H3 Box Dome cameras
- V2.2.0.52 for H.264 encoders
- V.2.2.0.58 for HD H.264 cameras

## Avigilon Control Center™ ES Analytics Appliance and ES HD Recorder Release Notes

Version 1.4.4.26 (ACC Version 6.4.0.16) – Released July 12<sup>th</sup>, 2017

### Release Summary

This is an initial release of Avigilon Control Center™ 6.4. This release introduces new ACC capabilities described below including flexible dual HSDM streaming for Avigilon cameras and dual streaming from ONVIF cameras. This release addresses critical vulnerability CVE-2017-9765, a SOAP web services interface defect. While the risk for Avigilon products installed behind a firewall or isolated network is limited we strongly recommend all users to update to this release. Customers using the ACC ES HD Recorder with ACC 5 systems that are not yet ready to upgrade to ACC 6 can continue to install ACC 5.10 service releases made available on the Avigilon website in order to pick up fixes for software defects. (Specifically, CVE-2017-9765 is addressed by ACC 5.10.14.2.)

Users experiencing issues listed in the “Issues Fixed” list should consider upgrading to this release. Further information can be found in appliance’s Product Datasheet and User Guide.

### New Features

- ACC can now configure digital outputs to operate in mono-stable/pulse mode or bi-stable/hold modes. New ACC rule actions permit creation of a follow function on outputs that are configured for bi-stable/hold mode. Rules can explicitly activate or deactivate outputs in response to an event. When an output is configured for pulse mode, the activate digital output rule action will trigger a pulse on the output and the deactivate digital output rule action is ignored.
- ACC can now be configured to connect to Avigilon Access Control Manager (ACM) and receive native ACM door events. ACM doors can be logically linked to any camera on ACC and enable ACC rules to start live streaming of video, send notifications, or take other ACC rule actions. All ACM door events are auditable in the ACC site logs. Minimally requires ACM Release 5.10.2 and ACC Standard or Enterprise edition to manage rules for door events. This new functionality can be used standalone or in parallel with the existing ACC-ACM integration for Vid-Proxy and access control platform events.
- ACC introduces support for flexible dual HSDM streaming which permits independently configuring primary and secondary streams while preserving HSDM bandwidth optimization for live streaming and recorded video playback. Both primary and secondary streams are still recorded and ACC manages the aging of the primary video from storage. This new ‘HSDM flexible’ recording profile is available when configuring video streams for Avigilon H4 1MP, 2MP and 3MP cameras.
- ACC now supports dual streaming from ONVIF compliant cameras that advertise multiple video streams. Live video will automatically switch between a primary and a secondary stream to minimize bandwidth consumed by the client. ACC provides full configuration

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## Version 1.4.4.26 (continued)

### New Features (cont.)

control of two video streams and offers selection of recording either the primary or the secondary stream.

- Introduce support for new Avigilon Mini-dome camera with backward compatibility with earlier ACC 5.x and ACC 6.x releases
- Introduce support for an event trigger delay to supplement existing sensitivity control for camera tamper events. This configuration option is now available on H4SL and H4 Fisheye cameras and will be made available on other H4 cameras in future firmware updates. Additionally, ACC event searches can now filter specifically for tamper events.
- Camera field-of-view thumbnail previews appear when hovering over a camera name in the Site view device tree and over the camera icons on ACC maps.
- Device icons on maps are now configurable. Maps support five icon types, six unique colors for the icon, shape or field of view cone, and three sizes for the icon and label text Operators can cycle through live camera views using a two new keyboard shortcuts and Avigilon joystick functions that support camera next and camera previous functions
- ACC video archiving feature now can resume and retry a failed archive task rather than restarting from the beginning. The archive dialog provides administrators with archive progress status, retry count, last successful archive and next planned archive.
- Administrators can review failed login attempts by users in the ACC site logs

### Issues Fixed

- Fixes critical vulnerability CVE-2017-9765. While the risk for Avigilon products installed behind a firewall or isolated network is limited we highly recommend all users to update to this release.
- Addressed a problem connecting some models of Mobotix cameras which prevented motion information from being available.
- Addresses an issue introduced in ACC 6.0.0.24 that occurred when stepping in during a Thumbnail Search, the included time range is smaller than it should be. It was possible that the time range for the stepped in section of video won't include the change in the background scene the user is trying to find.
- Corrected the handling of secondary streams for some Oncam cameras.
- Addressed an issue where a secondary camera stream resolution would retain all manual settings changes when the profile was changed back from Manual to Automatic.
- Corrected a problem with properly restoring default groups from settings backup.
- Addressed minor issues with display of licenses during upgrades from ACC 5 to ACC 6

## Avigilon Control Center™ ES Analytics Appliance and ES HD Recorder Release Notes

Version 1.4.4.26 (continued)

### Issues Fixed (cont.)

- Addressed a scenario that did not permit the modification or removal of the logical Id for a disconnected camera. If the camera is manually disconnected using the ACC client connect/disconnect dialog, the camera's logical Id will now be cleared. This permits the logical Id to be assigned to a replacement camera.
- Addressed an issue where child sites were not aware of servers added to a parent site and therefore could not function properly if the original server in the parent site was removed.
- Addressed issues with updating logical IDs on saved views.
- Corrected a situation where groups and users that had the same name could cause problems with modifying alarm notification lists.
- Corrected a situation that could cause some of the cameras in an export not being listed properly on the audit log entry.
- Corrected an issue that could cause ACC client to crash when accessing the Image and display settings panel when not logged into a server.
- Resolved an issue that prevented license deactivation on sites when ES Analytics Appliances were the last servers in a site after removing other Windows-based servers.
- Addressed an issue that could cause duplicate licensing error warnings on ES Analytics Appliance sites.
- Addressed a problem that mistakenly allowed a Windows ACC Server to be removed from a parent site leaving only an ES Recorder in the site in an unsupported configuration.
- Corrected an issue that could cause teach markers to disappear when using teach by example.
- Prevented servers from becoming unresponsive or crashing when infinite rules are accidentally created.
- Resolved an issue that prevented removal of disconnected cameras from ACC rule definitions
- Corrected a problem that could prevent a user from viewing alarms created during their first login session.
- Addressed a problem that could cause only high-resolution primary streams to be sent from an ES Recorder to ACC client regardless of zoom level for high resolution cameras.
- Corrected a problem that could prevent video clips being sent for all servers in a site for remote central monitoring notification messages.
- Addressed a problem that could cause poor performance with Pro series cameras when using HDSM SmartCodec.

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Version 1.4.4.26 (continued)

### Avigilon™ Camera FW Included

- V3.16.0.176 for H4 Mini Dome cameras
- V3.16.0.174 for H4 SL Bullet and Dome cameras
- V3.16.0.168 for H4 Pro H.264 cameras
- V3.16.0.178 for H.264 H3 cameras with self-learning analytics
- V3.16.0.172 for H4 Fisheye cameras
- V3.2.0.44 for H3 Multisensor cameras
- V3.16.0.170 for H4 PTZ cameras
- V3.16.0.182 for H4 Box Bullet Dome cameras with self-learning analytics
- V2.6.0.160 for H3 Micro Dome cameras
- V2.6.0.158 for H3 PTZ cameras
- V2.6.0.160 for H3 Bullet cameras
- V2.6.0.160 for H3 Box Dome cameras
- V2.2.0.52 for H.264 encoders
- V.2.2.0.34 for HD H.264 cameras