

Version 3.4.20.42 (ACC Version 6.14.0.10)

Released Dec 11, 2018

Release Summary

This release brings performance improvements that increase the number of cameras that can be hosted by each appliance. It also includes several bug fixes. **Due to the size of the upgrade package, upgrading to this release via WebUI from firmwares prior to 1.4.8.50 is not supported. ACC Remote Site Upgrade feature must be used. This restriction no longer applies once the appliance has been upgraded to a new firmware.**

Note - Due to security improvements, **ACC 6.10 and later versions cannot be downgraded to a previous version.** Customers are always recommended to back-up their ACC Site Settings before any upgrade.

New Features

- This release validates performance enhancements that were silently introduced in ACC 6.12. Avigilon Appearance Search Technology has been optimized to provide higher scale and performance. Each NVR instance can now host a higher number of cameras. The exact number is dependent on activity level in the camera field of view and the number of object detections. Search query performance has been improved to return results faster. Full details can be found in the revised Avigilon Appearance Search Sizing Guidelines white Paper.
- ACC 6.12 introduces a Pixels-on-target Measurement Tool. This tool permits an installer to confirm the desired number of pixels on target for analytic detections or License Plate Recognition (LPR) applications. This feature is not currently available for cameras using server-side analytic processing on the ES Analytics Appliance or Avigilon Artificial Intelligence Appliance.

Issues Fixed

- Resolved an issue introduced in ACC 6.12 for server based analytics scenarios where once classified object motion is detected, the server will record continuously even if you have configured recording schedule to record on motion only. Affects ACC ES Analytics Appliance and the ACC on Windows servers when using the Avigilon Artificial Intelligence Appliance.
- Corrected a behaviour where server-side analytic process remains enabled for a H4A camera that is switched from UMD to Analytics mode.
- Resolved an issue where the Avigilon Artificial Intelligence Appliance appears incorrectly in the list of available servers in the ACC archive dialog. There are never any cameras connected directly to the appliance.
- Resolved a behaviour in the Avigilon Artificial Intelligence Appliance when processing video streams from Avigilon HD PRO cameras, 8MP to 30MP to optimize the performance.
- Resolved an issue where Analytics Appliances were unable to decode MJPEG or RTSP MPEG4 streams from certain third party cameras resulting in no object detection and no bounding boxes.

Known Issues

- Users who are members of a user group created as a clone of the default ACC Administrator group sees an empty camera list when attempting to enable analytics on the ES Analytics Appliance and in sites using the Avigilon Artificial Intelligence appliance. The workaround is to add the user to the default Administrator group. This will be resolved in an upcoming release.

Avigilon™ Device FW Included

- V2.2.0.58 for HD H.264 cameras
- V2.2.0.72 for H.264 encoders
- V2.6.0.170 for H3 Box Dome cameras
- V2.6.0.170 for H3 Bullet cameras
- V2.6.0.170 for H3 PTZ cameras
- V2.6.0.170 for H3 Micro Dome cameras
- V3.24.2.128 for H4 Box Bullet Dome cameras with self-learning analytics
- V3.24.2.128 for H4 HD Camera (-B)
- V3.16.0.248 for H4 PTZ cameras
- V3.24.2.110 for H3 Multisensor cameras
- V3.16.0.172 for H4 Fisheye cameras
- V3.20.0.64 for H4 IR PTZ
- V3.22.0.36 for H4 Thermal Camera
- V3.26.0.28 for H4 Video Intercom
- V3.16.0.216 for H.264 H3 cameras with self-learning analytics
- V3.16.0.252 for H4 Pro H.264 cameras
- V3.24.2.98 for H4 SL Bullet and Dome cameras
- V3.24.2.76 for H4 Mini Dome cameras
- V3.18.0.36 for APD Sensor