

Access Control Manager™ 5.6.4 Release Notes

Version 5.6.4 – Released, Friday July 05, 2016

The **upgrade package for ACM 5.6.4** is available at <ftp://ftp.avigilon.com/ACM/5.6.4>

Files Released

Avigilon Access Control Manager Enterprise Appliance File

- 5.6.4-upgrade

Avigilon Access Control Manager Virtual Files

- ACM_VM_5.6.4-disk1.vmdk
- ACM_VM_5.6.4.mf
- ACM_VM_5.6.4.ovf

Upgrade Path

There is no direct upgrade path to ACM 5.6.4 from revisions prior to ACM 5.2.0. The system must first be upgraded to ACM 5.2.0 and then to 5.6.4.

The upgrade package for ACM 5.2.0 is available at <ftp://ftp.avigilon.com/ACM/5.2.0/>

The release notes for ACM 5.2.0 is available at

<ftp://ftp.avigilon.com/ACM/5.2.0/ACM 5.2.0 Release Notes.pdf>

ACM Upgrade Instructions

1. It is not required to use the built in admin account for software upgrade application. ACM delegations needed to upload, run, and delete software upgrades are: Appliances Listing, Appliances Edit, Appliance Software Listing, Appliance Software Apply, Appliance Software New (for adding upgrades) and Appliance Software Delete (for deleting upgrades). Any login with these delegations in its role(s) can administer and apply software upgrades for a physical or virtual appliance.
2. The upgrade instructions can be found in Access Control Manager (ACM) help menu
 - a. After logging in to Access Control Manager, select Help near the top left of the browser window and search for “updating appliance software”

Note: The Enable Remote TCP/IP Management option has been disabled on all ACM upgrades starting with the ACM 5.6.4 release.

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ACM with ACC Integration Upgrade Instructions

1. **NOTE:** Previous versions to 5.6.0.28 of AvigilonAcmlIntegrations are not compatible with ACM 5.6.4. Avigilon recommends upgrading existing ACM/ACC integrations to current versions of ACM and ACC.
2. Instructions for installing the AvigilonAcmlIntegration-5.6.0.28.
 - a. Download AvigilonAcmlIntegration-5.6.0.28 from <http://avigilon.com/support-and-downloads/for-software/acc-integration-and-plug-in-downloads/>
 - b. Uninstall previous version of the AvigilonAcmlIntegration.
 - c. Reboot the appliance (ACC) that the integration was installed on.
 - d. Install the AvigilonAcmlIntegration-5.6.0.28.
 - e. Ensure Vidproxy service is running.
 - f. Login to the upgraded 5.6.4 ACM appliance. Navigate to Settings/External Systems, select the Avigilon tab; select the appropriate ACC Integration IP link from the list (may be more than one). Click on the Save button to reinitialize the handshake between ACM and ACC. Wait until the “Avigilon Server was successfully updated” prompt is presented and camera status for each camera shows display of “Online”. Verify camera streaming.

ACM with replication Upgrade Instructions

1. For the ACM 5.6.4 upgrade on a replicated system, apply the software upgrade to the appliance with replication address 1 first, while all other appliances in its replicated system are online and replicating data amongst themselves successfully.
2. Allow the upgrade on the replication address 1 appliance to complete and the appliance to reboot and come back online.
3. The remaining appliances in the replicated system are allowed be upgraded in any order, and should be upgraded as soon as possible once the replication address 1 appliance is upgraded.

HID Firmware Upgrade

For systems with HID VertX EVO field hardware, Avigilon recommends upgrade to ACM 5.6.4. The HID firmware is part of the ACM 5.6.4 upgrade package and will allow you to update the HID VertX EVO field hardware with HID firmware version 3.5.2.1837.

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- After upgrading the ACM to version 5.6.4, upgrade HID VertX EVO V1000 with RCP 1.8.0.0. The HID firmware version 3.5.2.1837 will be automatically updated as a part of the RCP 1.8.0.0.
- Repeat the upgrade for HID VertX EVO V2000 with RCP 1.8.0.0 and HID firmware version 3.5.1-1483 will be updated automatically.

Note: ACM 5.6.4 is the first version of ACM to support the migration from Access Control Manager Embedded Controller 1.8.0.0.

New Features

- Migration from ACM EC to ACM Professional, Enterprise or Virtual (Migrates Identities /Controller)
- Support for reader buzzer on pre-alarms
- Added Lock Functions (Classroom/Storeroom and Office mode) support for Schlage AD-400 Wireless locks
- Added an operators homepage option to include a specific map
- Added "Token Issue Date" in the Identity search criteria
- Added new EULA which requires acceptance for this ACM upgrade
- Made security enhancements - Improved connection encryption and security defaults

Changes

Fixed Issues

- Corrected issue with Identity search criteria for issue date being misinterpreted as token issue date
- Corrected issue with middle name column displaying incorrect data for event monitoring
- Corrected issue with card activation and deactivation being misinterpreted as mid-night UTC rather than midnight local
- Corrected issue with missing Allegian Schlage AD-400 local door events
- Corrected minor report filter display issue when using special character "<" or ">" in the name of a partition
- Corrected issue with monitoring operator role allowing permission to acknowledge alarms

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Changes

Fixed Issues (continued)

- Corrected issue with HID V100 subpanel output pulse time disregarding the value provided by user
- Corrected issue with excessive removal of identity search criteria
- Corrected issue with HID door communication status not reporting accurately after an uninstall/reinstall
- Corrected issue with the note icon not showing on the alarm monitoring screen when a note has been added to the event
- Corrected report name localization for "Identity/Doors with Access Report" and "Door/Identities' with Access Report"
- Corrected issue with loss of role or group data on pressing enter while searching from a list which is greater than 25
- Corrected error with displaying a partitioned door on un-partitioned map viewed by a partitioned operator
- Corrected issue with identity search for search function "Last Area" not resulting in any records found
- Corrected issue with alarm associated to custom event type not showing up in the event selection list of ACC/ACM Alarm gateway

This release addresses the following Common Vulnerabilities and Exposures:

- Fix for CVE-2016-3714, CVE-2016-3718, CVE-2016-3715, CVE-2016-3716, CVE-2016-3717

Known Issues

- Error resulting when items/page to be displayed is set to greater than 500 on an identity of an operator and then an upgrade is performed is scheduled to be corrected in a service release
- Error resulting from special character "#" as a user list entry is scheduled to be corrected in a service release
- Error encountered when including special characters in user credentials (password) when configuring windows share for backups and export collaborations is scheduled to be corrected in a service release

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Known Issues (continued)

- Unresponsiveness of ACM while exporting an audit report for extremely large number of rows is scheduled to be corrected in a service release
- Deletion of a panel in-spite of having a global action linked to it is scheduled to be corrected in a service release

Firmware Included

Panel Firmware:

- rcp-update-1.8.0.0
- EP1501-VER-1-20-7.crc
- EP1501-VER-1-21-2.crc
- EP1502-VER-1-20-7.crc
- EP1502-VER-1-21-2.crc
- EP2500-VER-1-20-7.crc
- EP2500-VER-1-21-2.crc
- M5IC-VER-1-19-4.crc
- M5IC-VER-1-20-7.crc
- Scp2-AES-VER-3-120.crc
- Scp2-VER-3-120.crc
- ScpC-AES-VER-3-120.crc
- ScpC-VER-3-120.crc
- ScpE-AES-VER-3-120.crc
- ScpE-VER-3-120.crc

Sub-Panel Firmware:

- M5-16DO-APPL-VER-1-32-2.aax
- M5-20IN-APPL-VER-1-32-2.aax
- M5-2K-APPL-VER-1-56-13.aax
- M5-2K-APPL-VER-1-56-15.aax
- M5-2RP-APPL-VER-1-57-2.aax
- M5-2RP-APPL-VER-1-57-3.aax
- M5-2SRP-APPL-VER-1-57-2.aax
- M5-2SRP-APPL-VER-1-57-3.aax

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Firmware Included

Subpanel Firmware (continued):

- M5-8RP-APPL-VER-1-57-3.aax
- M5-8RP-APPL-VER-1-57-5.aax
- MR16in-APPL-VER-1-31-1.aax
- MR16in-APPL-VER-1-32-1.aax
- MR16out-APPL-VER-1-31-1.aax
- MR16out-APPL-VER-1-32-1.aax
- MR50-APPL-VER-1-51-0.aax
- MR50-APPL-VER-1-52-14.aax
- MR51e-APPL-VER-1-4-8.aax
- MR51e-APPL-VER-1-5-12.aax
- MR52-APPL-VER-1-51-0.aax
- MR52-APPL-VER-1-57-5.aax
- MR52-SERIES1-VER-1-11.aax