

## Release Notes

Title: SMS 7.2.0 Release

Date: November 2022

Superseded Version: v7.1.0

### PREREQUISITES

Read and follow the instructions in this document while installing or upgrading SMS Version 7.2.0. Failure to do so may result in software malfunction after installing Version 7.2.0.

**ACRE strongly recommends backing up the SMS database(s) before performing this upgrade. The Database Maintenance Utility (DatabaseMaintenance.exe) is accessible from the Bin folder and can be used to back up the database(s). If an error occurs during the upgrade, and no backup is available, all the data in the database(s) may be lost.**

The SMS v7.2.0 upgrade is fully compatible with SMS version 6.3.0 and higher. Installations upgrading from a version lower than 6.3.0 should contact SMS Technical Support for assistance before performing the upgrade.

**SMS Web compatible with SMS v7.2 is expected to be released 4 – 6 weeks after SMS v7.2.0 release. Existing SMS Web installations will cease to function after upgrade to SMS v7.2.0.**

Free disk space on the SMS PC / Server for an upgrade should be at least four times the total size of the SMS database(s). Please contact SMS Technical Support at [support@acre-co.com](mailto:support@acre-co.com) for assistance determining the size of the SMS SQL database(s).

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### NOTICE

**SMS v6.3.x and above require version specific licensing. A v7.2 license is required to upgrade to v7.2.x and the cost is included with the upgrade purchase if licensed clients, licensed Guest Pass locations, licensable video cameras and licensable 3<sup>rd</sup> party devices have not changed.**

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This document outlines the major bug fixes, new modules, enhancements and features that are added to SMS Software v7.2.0. SMS v7.2.0 is designated to work with VRCNX-A / VSRC-A firmware v7.59A and VRCNX-M / VSRC-M firmware v7.16M. VSRC / VRCNX-R (legacy) controllers should be updated to v6.70V. SRCNX (legacy) controllers should be upgraded to firmware v6.58L. All SMS v7.2.0 features are not supported on legacy controllers. SMS v7.2.0 is designed to work with Authentic Mercury protocol controllers VMRC-1, VMRC-1L, VMRC-2, & VMRC-2L with firmware v1.29.x. While it is possible to utilize the SMS v7.2.0 software with lower firmware versions not

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all new features will be available. It is recommended that all controllers be updated to the latest firmware version available.

## SMS VERSION INSTALLATION REQUIREMENTS

### OPERATING SYSTEM

SMS v7.2.0 software is compatible with the following operating systems:

- Microsoft Windows 8.1 Professional
- Microsoft Windows 10 Professional
- Microsoft Windows 11 Professional
- Microsoft Windows Server 2012 or 2012 R2 Essentials, Standard or Datacenter Editions
- Microsoft Windows Server 2016 Essentials, Standard or Datacenter Editions
- Microsoft Windows Server 2019 Essentials, Standard or Datacenter Editions
- Microsoft Windows Server 2022 Essentials, Standard or Datacenter Editions

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*Windows 7, Windows 8 and Windows Server 2008 and 2008 R2 are not supported  
32-bit Operating Systems are not supported*

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### SQL SERVER

SMS v7.2.0 software supports the following versions of Microsoft SQL Server:

- SQL Server 2014: Express / Standard / Enterprise SP1 or above
- SQL Server 2016: Express / Standard / Enterprise SP1 or above
- SQL Server 2017: Express / Standard / Enterprise
- SQL Server 2019: Express / Standard / Enterprise

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*The SMS Install Media Includes 64-bit SQL 2017 and 2019 (Win10 +) Express*

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### UPGRADE

You may install SMS v7.2.0 upgrade on any of the following SMS Versions:

- v6.3.x
- v6.4.x
- v6.5.x
- v7.0.x
- v7.1.x

### WHAT'S NEW?

#### LICENSING

All SMS v7.2.x installations require a v7.2 Electronic License Key.

## **ELECTRONIC LICENSE KEY**

- SMS requires an Electronic License Key
- **All v7.1.x and below Electronic License Keys must be replaced**
- The Electronic License is tied to a specific computer and cannot be transferred
- Easily upgradable when expanding SMS features such as concurrent client workstations in use, V-VMS cameras integrated, Guest Pass Locations, etc.
- New or upgraded v7.2.x installations will include a one-time use, unlimited SMS functionality, 5-day “Installation License”

## **THIRD PARTY DEVICE LICENSING**

SMS v6.1.0 and newer requires individual licensing for all non-ACRE devices:

- The Electronic License Key contains the maximum number of 3<sup>rd</sup> party online devices which may be activated within SMS
- The Electronic License Key contains the maximum number of offline (local decision) devices which may be activated within SMS
- Device licensing is easily upgradeable

## **ENHANCEMENTS**

### **ALL APPLICATIONS**

- Windows 11 and Windows Server 2022 Support.

### **DATABASE MAINTENANCE**

- Add option for deleting expired Cardholders after configurable number of months.

### **OFFLINE LOCK INTERFACE**

- Documentation for utilizing the Allegion Schlage Android SUS mobile app for managing offline locks has been incorporated.

### **VIEW SP STATUS**

- Increase alarm email account password from 16 to 32 characters.

## **FIXES**

The following issues have been resolved in this version:

### **AD INTEGRATION**

- Database initialization errors if “Database login uses AD Account” is configured and SMS database login information removed from the registry.

## **ADVANCED IMPORTER**

- Field values that have not changed are updated with the original values triggering Audit Control Report entries that are inaccurate.

## **ALARM GRAPHICS**

- Maps no longer popped to foreground on alarm receipt under certain circumstances.
- Cannot switch the current map using the right-click context sensitive menu.

## **AUDIT TRAIL REPORT**

- Out of memory errors can occur with extremely large data sets.
- Grid sorting no longer works.

## **CARDHOLDER DEFINITION**

- Fix poor performance using Advanced Find under certain circumstances.

## **CIM**

- Controller port status indications could indicate controller connected after disconnection under certain circumstances.
- Controller fails to communicate without full memory reset after moving to different CIM under certain circumstances.

## **DATABASE MAINTENANCE**

- The “Backups to Save” setting interpreted incorrectly in some circumstances.

## **GATEKEEPER SERVICE**

- Optional log retention settings ignored under certain circumstances.

## **INSTALLATION / UPGRADES**

- AMD processor incorrectly detected as 32-bit in some cases.

## **MERCURY CIM (MCIM)**

- Events reported from child devices moved from offline controllers generate errors after the controller is brought back online.

## **MULTIPLE APPLICATIONS**

- Using Advanced Find and searching by Cardholder Category generates a SQL error.

## **SYSTEM MANAGER**

- Fix invalid Timezone captions for Kuala Lumpur; Jerusalem; Yerevan; Guadalajara, Mexico City, Monterrey and Chihuahua, La Paz, Mazatlan.

## **SYSTEM PROCESSOR**

- Improve shutdown performance.

### **VIDEO CAMERA CONTROL**

- SQL error saving video server definition.

### **VIEW SP STATUS**

- Special characters not handled correctly in alarm email password.

### **VANDERBILT PRIVACY POLICY**

SMS does not transmit any data back to Vanderbilt. Any personal data collected within SMS is managed and used exclusively by the end-user of SMS entirely on customer owned equipment. Vanderbilt does not collect, manage or sell personal data. Please visit the Vanderbilt website at <https://usa.vanderbiltindustries.com/legal> for more information on our privacy policy.