



Release Notes

Title: SMS 7.3.0 Release

Date: December 2023

Superseded Version: v7.2.0

PREREQUISITES

Read and follow the instructions in this document while installing or upgrading SMS Version 7.3.0. Failure to do so may result in software malfunction after installing Version 7.3.0.

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 v7.3.0 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.

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 for assistance determining the size of the SMS SQL database(s).

NOTICE

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

This document outlines the major bug fixes, new modules, enhancements and features that are added to SMS Software v7.3.0. SMS v7.3.0 is designated to work with VRCNX-A / VSRC-A firmware v7.62A and VRCNX-M / VSRC-M firmware v7.20M. VSRC / VRCNX-R (legacy) controllers should be updated to v6.70V. SRCNX (legacy) controllers should be upgraded to firmware v6.58L. All SMS v7.3.0 features are not supported on legacy controllers. SMS v7.3.0 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 v7.3.0 software with lower firmware versions not all new features will be available. It is recommended that all controllers be updated to the latest firmware version available.

SMS VERSION INSTALLATION REQUIREMENTS

ACRE Operating Group

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Las Vegas, Nevada, 89145

OPERATING SYSTEM

SMS v7.3.0 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

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

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
- SQL Server 2022: Express / Standard / Enterprise

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

UPGRADE

You may install SMS v7.3.0 upgrade on any of the following SMS Versions:

- v6.3.x
- v6.4.x
- v6.5.x
- v7.0.x
- v7.1.x
- v7.2.x

WHAT'S NEW?

LICENSING

All SMS v7.3.x installations require a v7.3 Electronic License Key.

ELECTRONIC LICENSE KEY

- SMS requires an Electronic License Key
- **All v7.2.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 v7.3.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 3rd 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

- added support for SQL Server 2022.

CIM

- CIM can be launched as an application or natively as a service (no third-party tool required).

MERCURY CIM

- added support for all acre OEM codes.

FIXES

The following issues have been resolved in this version:

AD INTEGRATION

- Added Support for Long LDAP Paths (now up to 4000 characters).
- Unable to save filter under certain circumstances.

CALENDAR MANAGED INTERVALS SERVICE

- under certain circumstances timezone intervals were not updated correctly or were not downloaded to the controller.

GATEKEEPER SERVICE

- Valid POST request not processed under certain circumstances.
- Poor performance starting launcher with large number of operators.
- Disable Legacy Single Sign-on If AD Integration Enabled.

ALARM GRAPHICS

- Alarm sounds not playing under certain circumstances.
- Modified to support Windows 11.
- various performance enhancements.

CARDHOLDER DEFINITION

- Cardholder Search Results Navigation Buttons Disabled.

ALARM MONITOR

- All active alarms may not be displayed under certain circumstances.
- Alarm sounds not played in specified intervals.

DATABASE MAINTENANCE

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

SP SERVICE

- Improve discarding requests from disconnected clients.

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.