

Release Notes

Title: Vanderbilt Security Management System 6.4.2 Release

Date: February 2020

Superseded Version: 6.4.1

PREREQUISITES

Read and follow the instructions in this document while installing or upgrading Vanderbilt SMS Version 6.4.2. Failure to do so may result in software malfunction after installing Version 6.4.2.

Note: Vanderbilt 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 v6.4.2 upgrade is fully compatible with SMS version 6.0.0 and higher (*including beta version 5.4.1*). Installations upgrading from a version lower than 6.0.0 (*or from beta version 5.4.0*) should contact Vanderbilt Technical Support for assistance before performing the upgrade.

SMS Web compatible with SMS v6.4.2 is expected to be released 4 – 6 weeks after SMS v6.4.2 release. Existing SMS Web installations will cease to function after upgrade to SMS v6.4.2.

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 Vanderbilt Technical Support at techsupport@vanderbiltindustries.com for assistance determining the size of the SMS SQL database(s).

NOTICE

SMS v6.3.x and above require version specific licensing. A v6.4 license is required in order to upgrade to v6.4.x. There is no additional charge for the license update if licensed clients, licensable video cameras and licensable 3rd party devices have not changed.

This document outlines the new modules, enhancements and features that are added to SMS Software v6.4.2. SMS v6.4.2 is designated to work with VRCNX-R and VSRC firmware v6.68V; VRCNX-M and VSRC-M firmware v6.94M and VRCNX-A and VSRC-A firmware v7.31A. SRCNX (Legacy) controllers should be upgraded to firmware v6.58L. While it is possible to utilize the SMS v6.4.2 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.

VANDERBILT SMS VERSION INSTALLATION REQUIREMENTS

OPERATING SYSTEM

Vanderbilt SMS v6.4.2 software is compatible with the following **64-bit operating systems**:

- Microsoft Windows 7 SP1 (*except Home edition*)
- Microsoft Windows 8 or 8.1 (*except Home edition*)
- Microsoft Windows 10 (*except Home edition*)
- 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

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

SQL SERVER

Vanderbilt SMS v6.4.2 software supports the following versions of Microsoft SQL Server:

- SQL Server 2012: Express / Standard / Enterprise SP2 or above
- 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 2008 and 2008 R2 are no longer supported
The SMS Install Media Includes 64-bit SQL 2014 Express SP3*

UPGRADE

You may install Vanderbilt SMS v6.4.2 upgrade on any of the following SMS Versions:

- v5.4.1 (*limited customer release*)
- v6.0.x
- v6.1.x
- v6.2.x
- v6.3.x
- v6.4.x

WHAT'S NEW?

LICENSING

All SMS v6.4.x installations require a v6.4 Electronic License Key.

ELECTRONIC LICENSE KEY

- SMS requires an Electronic License Key
- All v6.3.x and below Electronic License Keys must be upgraded
- 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 v6.4.x installations will include a one-time use, unlimited SMS functionality, 5-day “Installation License”

THIRD PARTY DEVICE LICENSING

Vanderbilt SMS v6.1.0 and newer require individual licensing for all non-Vanderbilt 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

SUPPORT FOR SQL CONNECTIONS VIA TLS V1.2

SMS v6.4.2 includes full native support for SQL database connections via TLS v1.2. TLS v1.0 and v1.1 may be disabled on SMS client workstations and servers.

SQL TLS v1.2 support requires the following components which are installed by the SMS installers:

- MS OLE DB Driver for SQL v18.3
- MS ODBC Driver for SQL v17
- 32-bit System DSN for ODBC Driver
- .NET v4.8

TLS v1.0 or v1.1 may be required for Vanderbilt or 3rd party custom imports.

Verify TLS requirements for all non-SMS applications and custom processes before disabling TLS v1.0 or v1.1.

All custom reports should be verified due to differences in the drivers required for TLS v1.2 support.

Vanderbilt will update Vanderbilt created custom reports for compatibility at no cost if required.

Note: The updated Microsoft SQL drivers supporting TLS v1.2 perform slower than previously used drivers. Some SQL based SMS operations may take longer to perform.

MERCURY CIM

- Implement database maintenance
- Increased logging details
- Increase event processing performance

SYSTEM PROCESSOR

- Increase transaction and alarm processing throughput
- Incorporate additional diagnostic logging

FIXES

The following issues have been resolved in this version:

DATABASE MAINTENANCE

- Display of long filenames truncated

SYSTEM MANAGER

- Poor performance editing Timezone Description and Notes fields
- VSRC-A based controllers incorrectly blocked from Controller Groups

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.