Sentinel RMS SDK v10.0.100

RELEASE NOTES FOR WINDOWS (32-BIT AND 64-BIT)

Release Version: v10.0.100

Document Number: 007-001468-001, Revision B

Release Date: March, 2022

Contents

Product Description

Sentinel RMS is a software licensing SDK for your applications. It increases revenue by authorizing the use of your applications and offers a variety of licensing schemes to boost your product sales. It also provides tools that system administrators can use to track and manage licenses in a network.

Sentinel Cloud Licensing (SCL) add-on for RMS combined with the license enforcement features of Sentinel RMS and the entitlement management features of Sentinel EMS; makes a complete solution that provides the benefits of cloud-connected licensing to applications deployed on-premises or hosted online. Usage collection and reporting is the most-significant advantage obtained with cloud-connected licensing.

About This Document

This document contains details about the new features, enhancements, and installation of v10.0.100 Sentinel RMS. The last major release was Sentinel RMS v10.0.0.

What's New in this Release

This section lists the changes included in the Sentinel RMS v10.0.100 release.

API Builder Enhancements

API Builder is enhanced to include support for the following API function:

> sntl_licensing_configure

Issues Fixed in this Release

The following issues have been corrected in this release.

Internal Tracking ID	Description
SM-112305	Fixed the inconsistency with HDD serial numbers for both Admin and Non-Admin modes.
SM-112750	Aggregate license installation over exclusive license of the same feature and version.
SM-113504	Fixed the issue with offline usage logs creation for commuter enabled licenses.
SM-114676	Updated SentinelLicgenparser.dll to represent a strong-named assembly.
SM-117476	Fixed multiple features revocation from RMS License Manager.

System Requirements

The following table provides the minimum hardware and software requirements for Sentinel RMS.

Hardware Requirements	Software Requirements
Processors > x86 processors for 32-bit > x86-64 processor for 64-bit	**Operating System (32-bit and 64-bit)** > Windows 8.1 > Windows 10 21H2 > Windows 11 21H2 > Windows Server 2012 > Windows Server 2012 R2 > Windows Server 2016 > Windows Server 2019 > Windows Server 2022
Hard Disk (Minimum) As per the operating systems' specification.	**Microsoft Visual Studio Version** > Visual Studio 2012 Professional edition v11.0.60610.01 update 3 (32-bit and 64-bit) > Visual Studio 2013 Professional edition > Visual Studio 2015 Professional edition v14.0.25431.01 update 3 > Visual Studio 2017 Professional edition > Visual Studio 2019 Professional edition > Visual Studio 2022 Professional edition
RAM Requirement As per the operating systems' specification.	**Java Development Kit (JDK)** Java SE 8 (minimum supported version) **Web Browser (for viewing HTML Help)** > Microsoft Internet Explorer > Mozilla Firefox > Google Chrome **PDF File Viewer (for viewing PDF documents)** Adobe Acrobat

Installation Information

This section contains important information related to the installation of Sentinel RMS v10.0.100.

Before installing the Sentinel RMS SDK, you must have the following:

> **Administrator Privileges**: Administrator privileges are required to successfully install all the components.

> **Sentinel RMS SDK Serial Number**: A valid serial number. The installer prompts you to enter the serial number provided to you.

Installation Instructions

1. Double-click *StartHere.exe* from the root of the installation media. The Start Here screen appears.

2. Click **Install** under Sentinel RMS Development Kit 10.0.100 Software. The Welcome screen appears.

   > **NOTE** If you are installing the RMS SDK using the steps described here, you need not click the **Install** option under Sentinel RMS License Manager Installer. This option is for only installing the Sentinel RMS License Manager, which is automatically installed as a part of the SDK on your system.

3. Click **Next**. A screen showing the license agreement appears.

4. To proceed, accept the license agreement and click **Next**.

5. In the Customer Information dialog box, type your name, organization name, and the RMS SDK serial number. This serial number is contained in the Sentinel RMS Order Credentials email and is unique for each vendor.

6. You may modify the SDK installation directory. The default installation directory is:

   - On 32-bit machines - *<OSdrive>:\Program Files\Thales\Sentinel RMS Development Kit\<version>*

   - On 64-bit machines - *<OSdrive>:\Program Files (x86)\Thales\Sentinel RMS Development Kit\<version>*

7. Select the **Complete** or **Custom** installation option.

   > **NOTE** The Custom installation option for the RMS SDK cannot be used on non-English operating systems.

8. You are prompted for modifying the system firewall settings. Choose between the following options:

   - Select the check box to allow communication with the License Manager. This setting adds the License Manager to your system firewall's exceptions list.

   - Clear the check box to block communication with the License Manager (not recommended).

9. Follow the on-screen instructions to finish the installation.

Installed Directories

The following directories and files are installed.

Directory	Description
Development	Contains all the RMS libraries, header files, XSDs and source code for licensing and customization.
Manuals	Contains the various documentation items for Sentinel RMS.
Redistributable	Contains the utilities and files for your customers, including the Sentinel RMS License Manager installer.
Samples	Contains the sample programs for demonstrating the use of various RMS features and API.
VendorTools	Contains the utilities and files for your use. **NOTE** The license generator is no longer included with the SDK. The order email contains a link that enables you to download the license generator.
install.rbo	Contains information about Sentinel RMS SDK version and serial number.
ReleaseNotes	This file.
Legacy	Contains deprecated RMS libraries, samples, and utilities.

Sentinel RMS Documentation Resources

The following are the major documentation resources for the product. The latest documentation resources are also listed here:

Sentinel Software and Services Solutions Guide

This guide provides the complete overview of the Software Monetization solution. You can use this guide to prepare a comprehensive monetization strategy prior to integrating licensing technology with your software and business processes.

> To view the online version of the latest document, click here.

Sentinel RMS Developer Guide

This guide contains the complete product overview, the necessary information for licensing and distributing the applications. Useful for developers planning and implementing licensing.

> To view the online version of the latest document, click here.

Sentinel RMS API Reference Guide

This guide contains details about all the API functions, including the licensing library, persistence management, and so on. Useful for developers integrating the API functions in the code.

> To view the online version of the latest document, click here.

Sentinel RMS System Administrator Guide

This guide contains details about using the system administration and License Manager configuration options. Useful for the System Administrator of the end user (on the customer site). To access, use the following ways:

> The HTML version installed on the system can be accessed using the Doc Access Page (.htm) in the Manuals directory.

> To view the online version of the latest document, click here.

Sentinel Cloud Licensing (SCL) Add-on Installation and Configuration Guide

This guide describes the procedure for installing and configuring SCP for Cloud-Served Lease and On-premises deployment modes, respectively. This is applicable to Windows, Linux, Mac, Android, and Linux ARM operating systems. Additionally, it describes the components included in the SCP package for serving Cloud-Connected deployments.

> To view the online version of the latest document, click here.