Vertiv™ Liebert® SiteScan™ Web Version 8.5

Server Requirements

Overview

This document provides the server requirements and supported software for use with Vertiv™ Liebert® SiteScan™ Web version 8.5, for both client and server systems.

Permissions

Administrator permissions are required to install Liebert® SiteScan™ Web files and Microsoft Windows services.

Server Requirements

A Liebert® SiteScan™ Web 8.5 server must be 64-bit. Memory requirements vary, based on the:

- Number of pieces of equipment and device instances.
- Size of the control programs.
- Number of simultaneous users logged into the application.

System Size	With this number of...		The computer should have at least a Dual Core Processor and...				
	Instances of Equipment and Devices	Physical Points and Display Objects	Passmark Total Score	Passmark Single Threaded Score	RAM Minimum / Recommended	JVM Memory Minimum / Recommended	Disk Mark
Small	0 - 250	0 - 1000	2000	800	4 / 8GB	4 / 4GB	3000
Medium	250 - 1000	1000 - 5000	3000	1000	8 / 12GB	4 / 8GB	5000
Large	1000 - 10000	5000 - 50000	5000	1400	12 / 16GB	8 / 12GB	15000
Huge	More than 10000	More than 50000	6500	1600	16 / 24GB	16 / 24GB	30000

Supported Operating Systems and Database Management Systems

To determine which operating system and database management system (DBMS) to use, consider:

- Operating systems and DBMS already in use in your customer's organization.
- Project size and trending requirements.
- Project budget.
- Your skill with the operating system and DBMS.

The Liebert® SiteScan™ Web v8.5 system use of database resources may require:

- A moderate increase in the number of allowed connections if your database management system is set to the default value for the maximum allowed connections.
- An increase in the maximum number of database cursors allowed may also be required for Oracle databases.

A Liebert® SiteScan™ Web v8.5 or later system is supported on the following 64-bit operating systems.

The table on the reverse side shows which operating systems can be used with each DBMS.

- Windows 10 Professional and Enterprise
- Windows 8.1 Professional and Enterprise
- Windows Server 2019
- Windows Server 2016
- Windows Server 2012 R2
- Red Hat Enterprise Linux 7.4
- Ubuntu Desktop 18.04 or 20.04 LTS

Client Requirements

A computer with this Operating System...	Supports these Web Browsers...
Windows	- Google Chrome v84.0 or later 1 - Microsoft Edge v84 or later - Mozilla Firefox v79.0 or later

A computer with this Operating System...	Supports these Web Browsers...
Mac OS X (Apple Mac only)	• Safari v11 or later 2 • Google Chrome v84.0 or later • Mozilla Firefox v79.0 or later

Operating System and Database Requirements

Database	Operating Systems Supported	Speed	Supports Multiple Servers	Dynamic Defragmentation	Database Replication	Notes
SQL Server® Express 2019, 2017, 2016	Windows®	Fast	No	Yes	Yes	Database cannot exceed 10GB.
SQL Server® 2019, 2017, 2016	Windows®	Fast	Yes	Yes	Yes	SQL Server® 2016 Enterprise, Business Intelligence, and Standard editions can be used—only SP2 supported.
Oracle 12c	Windows® Linux®	Moderate	Yes	Yes	Yes	Oracle® 12c Standard Edition is sufficient. Oracle 12c requires a Named User License for each Vertiv™ Liebert® SiteScan™ user or a Processor License. Dual processor machines count as two users. See Oracle® License Policies for more details.
MySQL 5.7.2 and 8.0	Windows® Linux®	Fast	Yes	No	Yes	This open source database is free under the GNU Public License.
PostgreSQL 9.4 through 12	Windows® Linux®	Fast	Yes	Yes	Yes	This open source database is free under the BSD Public License.
Apache Derby	Windows® Linux®	Slow	No	No	Yes	• The Liebert® SiteScan™ installs for Windows and Linux include all the files needed to use an Apache Derby database • Only one application can access the database at a time. Example: ViewBuilder cannot access the database if SiteBuilder is already running. • Do not use Derby if total historical trend capacity will exceed 2GB. Audit database cannot contain an entry of more than 32700 characters; compact the database before migrating to Derby.