

System Requirements: Sage 300 Construction and Real Estate 18.1

Products

Sage 300 CRE 18.1 / 2018

Sage 300 CRE

Minimum requirements

Internet Access Required

In order to install and use Sage 300 Construction and Real Estate version 18.1, your server and workstations must have internet access to properly license and entitle your purchased products/modules.

Note: Sage 300 Construction and Real Estate, Sage 50, and Sage 300 cannot be installed on the same computer as they use different versions of Pervasive that are not compatible with each other. Contact your business partner or support professional for possible solutions if you need to run these products congruently.

Recommended configuration

Server Configuration

Operating System

- Windows Server 2016
- Windows Server 2012 R2
- Windows Server 2008 R2 SP1 (**This OS does not support Sage SQL Replicator and Mobile features.**)

Note: Windows Essentials Edition and domain controllers are not supported.

Hardware

- **CPU:** Current generation multi-core processor, such as Intel® Core 7™ or Intel® Xeon™.
- **RAM:** 32 GB or more, depending on the size and number of databases, the number of concurrent users, and if additional business applications are hosted on the same server.
- **Hard drive:** Hard Disk Drive (HDD) or Solid State Drive (SSD).
 - SSD is recommended for faster performance.
 - If using Sage SQL Replicator, SSD is required for the server if it hosts both Sage 300 CRE and SQL Server.

Client Configuration

Operating System

As of Sage 300 Construction and Real Estate 17.1, 32-bit operating systems are not supported. While you may be able to install this product on a 32-bit OS, certain features may not perform as expected.

- Windows 10 (64-bit)
- Windows 8.1 (64-bit)
- Windows 7 (64-bit) (**A standalone install to this OS cannot host SQL Replicator or Mobile features.**)

Hardware

- **CPU:** Current generation multi-core processor, such as Intel® Core i7™ or Intel® Xeon™.
- **RAM:** 16 GB or more.
- **Hard drive:** Hard Disk Drive (HDD) or Solid State Drive (SSD).
 - SSD is recommended for faster performance.

Other Configuration Requirements

Network

- Wired Network Adapter
 - Desktop client workstations must have a wired network connection to the server.
 - Desktop client users who connect to your company's network through WiFi or VPN must open a Remote Desktop connection to the client machine on which Sage 300 Construction and Real Estate is installed.
- Windows Active Directory domain is required for Sage SQL Replicator and Mobile features.
- Ports - Software and Hardware firewalls must be setup to accept these ports:
 - 25, 80, 137 - 139, 443, 515/TCP, 1583/TCP, 3351/TCP, 8101, 8102, 11486 - 11488/TCP, plus additional ports as required for SQL Server.

Peripherals

- Monitor Resolution - 1024 pixels by 768 pixels up to 1920 pixels by 1080 pixels (Full HD).
 - Avoid monitor with 2K resolution.
- Printer - A Microsoft Certified printer driver is recommended.

Software

- Adobe Reader
- SAP Crystal Reports for Sage 300 Construction 2013 SP2 - For modifying and creating Crystal Reports designs.
- Microsoft .NET 4.6.2
- Microsoft .NET 3.5
- Office 365, Office 2016, or Office 2013 (only 32-bit versions are supported)
- Microsoft SQL Server 2016 (64-bit) - Required for Sage SQL Replicator and Mobile features.

Note: The size of the replicated data in SQL Server is larger than the original Pervasive data because Sage SQL Replicator adds views and indexes the data. You can use SQL Server Express (available at no extra cost) if the total sum of the size of the PVData, POIV Data, SM Data folders and the master.qxm file added together for each company is under 6 GB. If the sum is greater than 6 GB, you must use full SQL Server (Standard Edition or Enterprise Edition).

- Supported Browsers
 - IE 11
 - Edge
 - Safari
 - Chrome