



Sage 300 Construction and Real Estate

Version 23

Release Notes

December 2023

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Contents

Contents	iii
Release Overview	1
Support and Assistance	3
Installation	5
Database changes	7
General Topics	7
Accounts Payable	8
Accounts Receivable	8
Address Book	8
Billing	8
Cash Management	8
Contracts	9
Desktop	9
Equipment Cost	9
Financial Statements	9
General Ledger	9
Information Assistant	10
Inquiry	10
Inventory	10
Job Cost	10
License Administration	10
Mobile Dashboard	11
Mobile Reports	16
ODBC	16
Payroll (Canada)	17
Payroll (United States)	18

Contents

Project Management	20
Property Management	20
Purchasing	20
Remote Time Entry	20
Report Designer and Reporting	21
Sage System Verifier	21
Security Administration	21
Server Migration	21
Service Management	21
SQL Replicator	23
System Administrator	24

Release Overview

About this document

This document contains information about the current release of Sage 300 Construction and Real Estate. Each Sage 300 Construction and Real Estate application is described in a separate section, which includes information about new features and enhancements for the release, resolved issues, and known issues. If you use integrated products, see [Integrated products](#) before installing this version.

In addition to reading this document, read the supporting documentation before you install. See [Supporting documentation](#) (the next section).

About this release

Version 23 of Sage 300 Construction and Real Estate includes enhancements and software fixes. Install version 23.2 for the latest updates. Highlights of version 23.2 are listed in the following table.

Highlights of the release versions

Version	Application / area	Page
23.2	Payroll (Canada)	Track and report on employee dental coverage
23.2	Payroll (Canada)	Canada Pension Plan options required for 2024 tax year
23.2	Payroll (US)	Aatrix (OT/DT) Certified Reports
23.1 Update 2	Payroll (US)	Compliance with the US Equal Employment Opportunity Commission (EEOC) EEO-1 Component 1
23.1 Update 1	Payroll (US)	Aatrix Washington Paid Family Leave report now includes exempt status info
23.1	General	Windows 11 and Windows Server 2022 are now supported
23.1	Accounts Payable	Generate Electronic Payments
23.1	Desktop	Embedded browser upgrade

Version	Application / area	Page
23.1	Inventory	<u>Item Valuation reports</u>
23.1	Payroll (US)	<u>Aatrix - Duplicate State and Local Tax Descriptions</u>
23.1	Payroll (US)	<u>Aatrix (OT/DT) Certified Reports</u>
23.1	Payroll (US)	<u>Generate Direct Deposits</u>
23.1	Property Management	<u>1098 IRSTAX file format</u>
23.1	Service Management	<u>Archive Work Orders</u>
23.1	Service Management	<u>Synchronize vendors from AP now updates Service Management Vendor record</u>
23.1	SQL Replicator/System Administrator	<u>Initial Replicator database setup no longer stalls</u>

Support and Assistance

Supporting documentation


In addition to reading this document, read the supporting documentation from our [product document library](#) before you install:

- The [Important document](#) contains critical and late-breaking topics.
- The [Installation Checklist](#) contains a brief description of the steps involved in upgrading your software.
- The [User's Guide](#) contains installation steps for Sage 300 Construction and Real Estate and Sage Estimating.
- The [Sage SQL Replicator Setup Guide](#) contains information for setting up Sage SQL Replicator.
- The [Sage Construction Central Setup Guide](#) contains information for setting up Sage Construction Central (where selected employees can access Mobile Reports and Mobile Dashboard).

Online help

Each Sage 300 Construction and Real Estate application includes online help, which provides information about procedures as well as items in the windows.

To access the help in the software:

- In a window, click the [Help] button, click  (the Help button), or press **F1** to display the help topic for that window.
- In an application, select **Help > Help Topics**.

To aid you in finding information, the online help for each application includes the following tabs:

- Contents tab with an outline of the help with links to the help topics.
- Index tab with keywords that link to help topics related to that keyword.
- Search tab, where you can type text and click [Search] to locate that text in the help topics.

Training

Sage University offers recorded online training sessions to help you get the most out of your software. To access Sage University, either:

- From an application, select **Help > Web Resources > Sage University**.
- From Desktop, select **Help > Sage University**.
- From your browser, visit <http://www.sageu.com/Sage300CRE>.

Contact your business partner for local training.

Note: Visit the [Year-end Center](#) to locate the links to complimentary Year-end Procedures training for step-by-step instructions about how to complete year-end closing tasks.

Technical assistance

Visit Sage.com/Resources for links to the Sage Knowledgebase, Sage University, Sage City, and more, or contact your Sage business partner.

Installation

Before you install this version, review the supporting documentation from our [product document library](#).

If you use integrated products, see [Integrated products](#) before installing this version.

Note: When you install this version, Sage 300 Construction and Real Estate automatically accesses the licenses for the various applications for which your company is entitled. Before you install, review the number of uses your company has purchased for each application by logging onto the [Sage Customer Portal](#). You will also need to know your Registration Name and 10-digit Sage Client ID. If you need to purchase additional uses, contact your authorized Sage business partner or your Sage customer account manager. Manage your licenses with the License Administrator tool.

The installer detects old operating systems (including Windows XP, Windows Vista, Windows Server 2003, and Windows Server 2008 R1) and will prevent the installation of Sage 300 Construction and Real Estate.

For a complete list of supported operating systems, go to the [Sage Knowledgebase](#), select your product, and search for *System Requirements: Sage 300 Construction and Real Estate version 23*.

Installation paths

If you are on Sage 300 Construction and Real Estate (Accounting) version 22, 20, or 18.1.3 (Australia Release), you can upgrade directly to version 23.

If you are on any other version 18, we recommend that you upgrade to 20.5 before upgrading to version 23:

1. Back up your data, upgrade to 20.5, and upgrade your data (including Inventory, Purchasing, and Service Management data).
2. Back up your data again and upgrade to version 23.

Note: If you are on a version that is earlier than 18, contact your Business Partner for assistance.

Integrated products

Important! If you use third-party products that integrate with Sage 300 Construction and Real Estate, check with your software vendor prior to upgrading to ensure their product is fully compatible with this release. We **do not** support rolling Sage 300 Construction and Real Estate back to a previous version and **do not** recommend it.

Database changes

As with any release, database changes in Sage 300 Construction and Real Estate applications may affect your custom report designs or custom third-party applications. Contact your authorized business partner to discuss any issues relating to custom reports or third-party applications.

To view fields contained in new records:

- In Report Designer, view the Available Fields report (by selecting **Tools > Available Fields**).
- In Crystal Reports Designer, open an existing report, specify the data source location, add new or modified records, and view the fields through Field Explorer. For more information about this procedure, refer to the **Crystal Reports** chapter of the *User's Guide*.

General Topics

Enhancement in version 23.1

Windows 11 and Windows Server 2022 are now supported

Sage 300 Construction and Real Estate is now compatible with Windows 11 and Windows Server 2022.

Sage Estimating does not yet support Windows 11 or Windows Server 2022. Do not upgrade to Windows 11 or Windows Server 2022 if Sage 300 Construction and Real Estate and Estimating are integrated on your system.

Accounts Payable

Resolved issue in version 23.1

Generate Electronic Payments

Previously, a blocking message appeared when generating electronic payments where the **Options > Immediate Origin** fields contain all zeros. Now a new message appears, notifying you that **Immediate Origin** is set to zero and confirming that you want to continue generating electronic payments.

Accounts Receivable

There were no updates for this release.

Address Book

There were no major updates for this release.

Billing

There were no major updates for this release.

Cash Management

There were no major updates for this release.

Contracts

There were no major updates for this release.

Desktop

Enhancement in version 23.1

Embedded browser upgrade

We have replaced the Desktop embedded browser (Internet Explorer 11) with a modern, supported browser (Microsoft Edge).

Related Knowledgebase article: [Error: "Whoa, there! It appears your browser is a digital dinosaur."](#)

Equipment Cost

There were no major updates for this release.

Financial Statements

There were no major updates for this release.

General Ledger

There were no major updates for this release.

Information Assistant

There were no major updates for this release.

Inquiry

There were no major updates for this release.

Inventory

Resolved issue in version 23.1

Item Valuation reports

Previously, the Item Valuation by Location and the Item Valuation by GL Account reports sometimes returned incorrect items, balances, or totals as of the cut off date. Now Item Valuation reports return correct items, balances, and totals.

Job Cost

There were no major updates for this release.

License Administration

There were no major updates for this release.

Mobile Dashboard

There were no major updates for this release.

About Mobile Dashboard

The Mobile Dashboard application was new for Sage 300 Construction and Real Estate version 18.1. With this application, selected employees can use a mobile device or computer to view dashboards and dashboard reports with visual information about the state of your company. Those employees who have Dashboard Designer licenses can also import, create, and edit dashboard reports as well as create and edit dashboards. Dashboard reports contain one or more report parts, such as charts or grids with the data. See the [Introduction to Mobile Dashboard video](#) for more information.

To access Mobile Dashboards, your employees use a browser to log into the Sage Construction Central website, select Intelligence in the menu on the left, and then select Dashboards.

Sage provides a variety of dashboard reports that you can import and use for your dashboards; see the following table for descriptions. The [Sage Construction Central Setup Guide](#) also provides information about importing the Sage dashboard reports and creating dashboards. You can also select **Support > Help** in the upper-right corner of the Mobile Dashboard page to view the online help.

Note: Mobile Dashboards uses your company data stored in the SQL database. You must use the SQL Replicator to copy the data stored in the Actian Pervasive database and replicate it into a SQL database. See [SQL Replicator](#) for information about the SQL Replicator.

When you purchase Mobile Dashboard, a subscription to the Microsoft Azure Active Directory (AAD) is included. AAD provides a secure connection from your mobile device to your Sage 300 Construction and Real Estate data. You will receive an email with instructions to set up AAD and Mobile Dashboard. For information about setting up ADD, using License Admin-

istration to assign the Mobile Dashboard licenses to employees, and using Security Administration to control security for mobile, see the [Sage Construction Central Setup Guide](#).

For information about purchasing Mobile Dashboard, contact your authorized Sage business partner or your Sage customer account manager at 1-800-858-7095 (or email CRE-sales@sage.com).

Sage dashboard reports

You can import the following Sage dashboard reports to use for creating your dashboards as well as your own dashboard reports. You can also import custom dashboard reports, such as those created by a consultant.

Sage dashboard reports

Report	Description
AP	
Accounts Payable Summary	This report shows the amounts owed each of your vendors. A donut chart shows the open amounts by month and by vendor. A line chart shows the monthly amounts by amount type for all vendors. A bar chart shows the top 10 vendors (ranked by open invoice amount) and their amounts owed. A grid shows the vendor, amount paid, invoice balance, open retainage amount, and net amount owed. You can click a vendor to drill down and view open invoice details.
AP Aging - Vendor Detail	This report shows details about the invoice amounts owed your vendors in each aging period. A column chart shows the amount in each aging period. A grid for each vendor shows details about the open invoices, including the invoice number, invoice date, accounting date, invoice amount, and remaining retainage payable. You can filter the chart and grid by vendor.*
AP Aging - Vendor Summary	This report shows the amounts owed each of your vendors in each aging period. A donut chart shows the open amount by aging period and by vendor. A column chart shows the amounts owed all vendors by aging

Report	Description
	<p>period. A grid shows the vendor, open amount, open retainage amount, average days open, and amounts in each aging period. You can click a vendor to drill down and view invoice aging details.</p>
<p>AP Open Invoice Detail</p>	<p>This report shows details about unpaid vendor invoices. A donut chart shows the open amounts by month and by vendor. A line chart shows the monthly amounts by type for all vendors. A grid for each vendor shows the invoice date, invoice number, amount paid, invoice balance, open retainage, and net amount owed. You can filter the chart and grid by vendor.*</p>
<p>AR</p>	
<p>AR Aging-Customer Detail</p>	<p>This report shows the amounts due from your customers in each aging period. A column chart and pie chart show the amounts due by aging period. A grid for each customer shows the invoice date, invoice number, and open invoice amounts in each aging period.</p>
<p>CM</p>	
<p>Bank Balances</p>	<p>This report shows the current bank account balance (as posted in Cash Management) for each of your company's bank accounts.</p>
<p>JC</p>	
<p>Cost Code Breakdown</p>	<p>This report has a grid for each job showing the cost code breakdown, including the original estimate, approved estimate changes, revised estimate, costs to date, variance between the estimate and the cost to date, and percent completed (based on the costs compared to the revised estimate).</p>
<p>Cost Type Summary</p>	<p>This report shows summary job cost information by cost type. A column chart shows the amounts for each cost type. A grid shows the jobs and the amounts (and % of total) for each cost type as well as the total job-to-date costs.</p>
<p>Job Cost Summary</p>	<p>This report shows summary information about job costs after you select the filters (cutoff date and job not completed as of date).* The grid shows the</p>

Report	Description
	revised contract and estimate amounts, committed costs, cost, billed amount, billed-cost difference, profit, and profit margin.
Job Cost Profitability	This report helps analyze the profitability of a job by showing if the job is more or less profitable at the current stage of the job in comparison to the start of the job. This grid includes columns for Job and Description, Status, Original Contract, Original Estimate, Original Profit, Potential Price, Revised Contract, Potential Estimate, Revised Estimate, JTD Cost, Percent Complete, Cost at Complete, Profit Margin, and Profit Variance. (Available in version 18.2)
PM	
Leasing Summary	After you select the as of date and type the square footage type filters*, this report shows the occupancy. A bar chart shows the percent leased by property. A form shows the overall leased area, total area, and percent leased, as well as the number of new leases, renewals, and terminations. A grid shows this information by property.
PM Aging - Lease Detail	After you select the aging basis and aging date filters*, this report has an expandable grid for each property showing the amounts due for each unit in each aging period.
PM Aging Summary by Lease	After you select the aging basis and aging date filters*, this report has an expandable grid for each lease showing the amounts due in each aging period. A column chart shows the open amount by charge type. You can click a column to drill down and view the components of that charge type.
PM Aging Summary by Property	After you select the aging basis and aging date filters*, this report shows aging amounts by property. Two column charts show the stacked and unstacked aging amounts for each property. A grid shows the amounts due by property in each aging period. You can click a property to drill down and view lease aging details.
Property Occupancy	This report shows the occupancy percentage for each of your properties. A line chart shows the total monthly occupancy for all property square footage types. You can filter by property or range of months. An expandable grid

Report	Description
	shows the occupancy for each year, property, type, and month. A grid for a property shows the average occupancy by year and type.

* After you select a filter, click [Update Results]. If you type text for a filter, press **Enter** and then click [Update Results].

Sage dashboards

Sage provides two sample dashboards that you can import, which are described in the following table.

Sage sample dashboards

Dashboard	Description
Financial Summary	<p>This dashboard provides an overview of current posted data for CM, AP, AR, and JC:</p> <ul style="list-style-type: none"> • A grid of the Cash Management bank balances • A line chart of the Accounts Payable Open, Invoiced, Paid, and Retainage balances each month • A column chart of the Accounts Receivable balances by aging period • A grid of up-to-date job profitability information for each job—comparing original and revised contract amounts, estimated and actual costs, percent complete, projected profit, and profit margin
Project Summary	<p>This dashboard provides information about current jobs:</p> <ul style="list-style-type: none"> • A bar chart of the open Accounts Receivable amounts by job • A column chart comparing the total estimated labor amount to the total job-to-date labor cost for all jobs in progress • A grid of up-to-date job profitability information for each job—comparing original and revised contract amounts, estimated and actual costs, percent complete, projected profit, and profit margin

Mobile Reports

There were no major updates for this release.

ODBC

There were no major updates for this release.

Payroll (Canada)

Important! The sample cheque forms that come with Sage 300 Construction and Real Estate may not be fully compliant with all federal and provincial laws and other requirements, which can differ from one jurisdiction to another. It is your responsibility to familiarize yourself with all applicable laws and requirements, and to modify your cheque forms as needed to ensure compliance.

Update in version 23.2

Dental coverage

You can now track and report on employee dental coverage. Open **Setup > Employee > Entry Info > Dental Coverage** and select the dental coverage for the employee (self), spouse, and dependent children. The default setting is **No dental insurance**.

Canada Pension Plan and Quebec Pension Plan

We have included changes related to the second additional Canada Pension Plan (CPP2/QPP2) contributions. These changes are required for tax year 2024.

Payroll (United States)

Important! The sample check forms that come with Sage 300 Construction and Real Estate may not be fully compliant with all federal, state, and local laws and other requirements, which can differ from one jurisdiction to another. It is your responsibility to familiarize yourself with all applicable laws and requirements, and to modify your check forms as needed to ensure compliance.

Resolved in version 23.2

Aatrix (OT/DT) Certified Reports

The **Determining Regular Rate of Pay (OT/DT)** window now displays correctly when the frequency is set to weekly for the eFile report process.

Improved in version 23.1 Update 2

EEOC EEO-1 Component 1

You now have the ability to generate your electronic submission to comply with the US Equal Employment Opportunity Commission (EEOC) EEO-1 Component 1.

For more information, see

[Payroll Help on EEO 1 Component 1](#)

[U.S. Equal Employment Opportunity Commission website](#)

NOTES:

- This update requires a data upgrade for Payroll files.
- You must be on Sage 300 Construction and Real Estate version 23.1 to apply this update.
- Although 23.1 Update 2 is not a full installation, you will need to apply it to all machines where Sage 300 Construction and Real Estate is installed.

Improved in version 23.1 Update 1

You must install version 23.1 before installing version 23.1 Update 1.

23.1 Update 1 includes an update to the WAPFL report form in Aatrix and does not require you to Update Taxes.

WALTC tax exempt info appears in WAPFL

Washington Long Term Care (WALTC) tax exempt information now appears on the Washington Paid Family Leave (WAPFL) report in Aatrix. The status selected in **PR: Setup > Employees > Taxes > Status** column now appears in the Washington Paid Family Leave (WAPFL) report in Aatrix. You can change the prefilled status in Aatrix before submitting the report.

Resolved in version 23.1

Aatrix (OT/DT) Certified Reports

Overtime and double-time hours are now split out for states that require it.

Some reports previously excluded overtime hours worked on a job when there were no regular hours on that job in the pay period for that employee. This issue has been resolved.

Aatrix - Duplicate State and Local Tax Descriptions

In the **Link Aatrix Tax Types to PR Tax Rates** window, duplicate State and Local Tax Descriptions prevented Sage 300 Construction and Real Estate from linking to the local tax ID. Tax Descriptions are now clearly labeled "state" or "local", eliminating duplicates.

Generate Direct Deposits

Previously, a blocking message appeared when generating or regenerating direct deposits where the **Options > Immediate Origin** fields contain all zeros. Now a new message appears, notifying you that **Immediate Origin** is set to zero and confirming that you want to continue generating direct deposits.

Project Management

There were no major updates for this release.

Property Management

Resolved issue in version 23.1

1098 IRSTAX file format

Previously, the IRSTAX file created in **Reports > Forms > 1098-Mortgage Interest** was incorrectly formatted. This issue has been fixed and you can now generate a correct file that meets the requirements in IRS Publication 1220.

Related Knowledgebase article: [PM 1098 Mortgage Interest IRSTAX file rejected with messages](#)

Purchasing

There were no major updates for this release.

Remote Time Entry

There were no major updates for this release.

Report Designer and Reporting

There were no major updates for this release.

Sage System Verifier

There were no major updates to Sage System Verifier for this release.

Security Administration

There were no major updates for this release.

Server Migration

There were no major updates for this release.

Service Management

Resolved issue in version 23.1

Archive Work Orders

When attempting to archive work orders, an error message appeared and work orders were not archived. This issue has been resolved and eligible work orders now moved to SMHistory.

Synchronize vendors from AP now updates Service Management Vendor record

Previously, when synchronizing vendors from AP, the LASTUPDATEDATE and LASTUPDATETIME fields remained blank in the SM Vendor record. This issue has been resolved.

SQL Replicator

Resolved issue in version 23.1

Initial Replicator database setup no longer stalls

When configuring SQL Replication of a company for the first time, previously System Administrator could stall during the SQL database setup. Replicator databases are now setup correctly.

About SQL Replicator

Sage SQL Replicator 2.0 is an improved version of the replicator that was introduced with Sage 300 Construction and Real Estate Version 17.1. Use the replicator to copy your Sage 300 Construction and Real Estate data stored in the Actian Pervasive database into a SQL database, which enables faster data access for reports. The data is also available for mobile applications, such as Sage Mobile Dashboard and Sage Mobile Reports..

You can specify that Crystal Reports on the menus use the SQL database (instead of the Pervasive database) by selecting the Use SQL check box. When you access the data from SQL, reports generally run faster.

Important! Before you can run the SQL Replicator, use the Sage Universal SQL Installer to install an instance of the SQL database to hold your data. Also install SQL Replicator 2.0 by downloading the **SageSQLReplicator.exe** file and running the installation on your Sage 300 Construction and Real Estate Accounting server.

If you used an earlier version of Sage SQL Replicator, go to the [Sage Knowledgebase](#) before you install.

The size of the replicated data is larger than the original Pervasive data because replicator adds views and indexes the data. To determine if you can use SQL Server Express, add the size of the PVData, POIV Data, SM Data folders and the master.qxm file together for each company. If the sum is greater than 6 GB, you should use the full SQL Server version. Go to the [Sage Knowledgebase](#) for more information. To save

space, you can configure replicator so that only certain tables are replicated.

To configure and start Replicator, use the System Administrator tool, which links to the Configuration Manager window.

You can control security for SQL Replicator in Security Administration. If you set up new roles or make other changes to security, click [Sync Security] on the Replicator Settings tab in the System Administrator window so that the changes are also applied to the SQL database.

For more information about installing and configuring Replicator, review the supporting documentation from our [product document library](#)

Note: Because Sage SQL Replicator now has a separate installer, future updates to the replicator can be installed without having to install a new version of Sage 300 Construction and Real Estate.

System Administrator

Resolved issue in version 23.1

Initial Replicator database setup no longer stalls

When configuring SQL Replication of a company for the first time, previously System Administrator could stall during the SQL database setup. Replicator databases are now setup correctly.