



This document has been designed to provide you with an overview of new and enhanced capabilities delivered with Sage X3 Version 12 2021 R4 quarterly update release. For a full description of the new features and enhancements delivered with this release please refer to the What's New section of the [Sage X3 Online help center](#).

Finance

General

Tracking deleted payments

An enhancement has been made so you can now track certain information for deleted payments per legislation, such as date and user, which is saved in a stored table. This is beneficial for audit purposes in specific countries where it is mandatory to declare deleted payments.

Tax return inquiry improvements

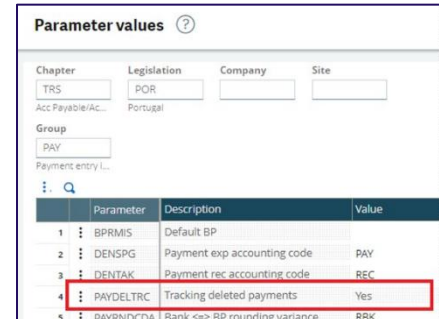
For a simplified experience, you can now view the list of declaration numbers that fall within the search criteria by selecting the VAT declaration number feature and selecting to see the detail.

VAT Framework – Adjustment posting

To save you time, you can now generate the journal entry associated with a VAT return. The VAT return action now manages the posting of adjustments that can be manually entered in the VAT return, and this feature then allows the generation of journal entries by automatically offsetting the total VAT amount calculated for each company through the VAT return extraction, into the 'Tax Disburse' or 'Tax Credit' accounts.

VAT Framework – Tax reporting date

To increase flexibility, accuracy and compliance, a new VAT date field has been added to the Journal entry function. This means that you can update the VAT date field any time before the journal entry has been used for actual declaration.



	Parameter	Description	Value
1	BPRMIS	Default BP	
2	DENSPG	Payment exp accounting code	PAY
3	DENTAK	Payment rec accounting code	REC
4	PAYDELTRC	Tracking deleted payments	Yes
5	PAYRHDCDA	Bank <=> BP rounding variance	RBK

Compliance

Canada

Bank File Compliance

The Canadian Payments Association (CPA) bank file format is now available as part of the default setup for the Canadian legislation. To save you time, you can use this format to process domestic payments in Canada.

Poland

Verify business partner data

You can now take advantage of verifying business partner data. With this, you are able to verify and download business partner data from the VAT Information Exchange System (**VIES**) and the Statistics Poland website (**GUS**) from the EU VAT number field in the Business partners, Customers, and Suppliers functions as follows:

- The VIES address and download is available for all business partners, customers, and suppliers.
- The VAT verification and GUS address download is limited to Polish business partners, customers, and suppliers.

Portugal

Stock Valuation – Inventory declaration changes

For you to comply with Portuguese legislation, when generating the XML file in Inventory extraction, the file now includes the closing stock value rounded to 2 decimal places.

PDF trusted signature

To save you time, you can now print a certified signature on PDF documents for invoices, credit notes, debit notes etc. when you use the Safe account management function to communicate EFAT data with the Portuguese Tax Authority.

eInvoicing for B2G transactions

For ease of maintenance, you can now manage Business to Government European new legislations when declaring invoices in Sage X3.

Spain

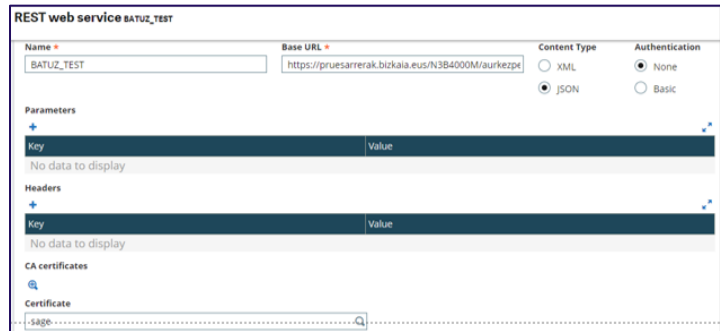
Intrastat update

To help you comply with European Business Statistics (EBS) rules, the Spanish Intrastat table now included the below two additional fields needed for the Intrastat declaration for intra-EU exports:

- Country code of origin
- Partner VAT ID

Batuz changes

The Batuz legal functionality is a Spanish requirement for companies in the Basque Country (Bizcay) that enables continuous electronic transmission using REST API to communicate with the tax authority and receive the response. This includes transmitting the following:



- Issued invoices
- Received invoices
- EU operations
- Fixed assets operations
- Cash VAT collections
- Cash VAT payments
- Annual operations
- Consignment goods

This legal requirement comes into effect from January 2022 for Spanish companies in Biscay. This new Batuz system has a new structure which is formed by two elements, TicketBai system and Economic Operations Record Books (LROE).

Form 369

An enhancement has been made whereby if you are registered with the One-Stop-Shop, you can now use Spanish from 369 to pay the VAT in European countries where you make sales or provide digital services to individuals.

Form 390

For ease of maintenance, Form 390 for VAT annual summary tax return has been updated to reflect the following:

- VAT box 110 has been split into 4 VAT boxes
- VAT box 112 has been deleted

Spanish form Inquiry and automatic sending

For simplification, in the Spanish form management function you can now search for and view current forms. You also have the option to send generated forms directly to the Spanish tax authorities. The forms that can be sent by webservice are:

- 111
- 115
- 123
- 303
- 390

Switzerland

VAT Framework support in Switzerland

The Swiss VAT declaration has been integrated into the global VAT framework. Within this, you can now take advantage of VAT framework functionalities, such as:

- Define VAT boxes using the DCLVATSWI setup
- Creation of a VAT form based on the VAT box setup
- Creation of the VAT return to calculate amounts to declare for a defined period

ID	VAL	Long title	Short description	Type	Formula	Formula comment
1	1	Turnover	Turnover	Title		
2	200	Total amount of agreed or collected consideration	Total amount	Detail		
3	205	Consideration reported in Ref. 200 from supplies exempt from the tax w/o credit	Sup in taxab	Detail		
4	220	Supplies exempt from the tax	Suppl ex	Detail		
5	221	Supplies provided abroad (place of supply is abroad)	Suppl export	Detail		
6	225	Transfer of supplies according to the notification procedure	trans noif	Detail		
7	250	Supplies provided on Swiss territory exempt from the tax without credit	Suppl Swi ex	Detail		
8	225	Reduction of consideration (discounts, rebates, etc.)	Reductions	Detail		
9	280	Miscellaneous (e.g. land value, purchase prices in case of margin taxation)	Miscellaneous	Detail		
10	289	Total Ref. 220 to 280	Totl 220-280	Total	220-221-225-230-235-280	None
11	290	Taxable turnover (Ref. 200 minus Ref. 289)	Taxable turn	Total	200-289	None

The VAT framework provides enhanced traceability, with the ability to store the result of the extraction to track potential adjustments and to drill down further into transactions. This allows you to trigger batch processes and supports the extraction of VAT returns for VAT entities.

It is important to note the following changes for users of the Swiss legislation:

- From 2021 R4, the previous Swiss VAT declaration function (DCLVATSWI) has been deprecated
- This setup patch provides a default setup of the new Swiss VAT box setup DCLVATSWI and the new Swiss VAT form setup DCLVATSWI for existing users. It is based on the standard VAT setup of the Swiss legislation (VAT codes etc.).
- After applying this setup patch it is mandatory to review and adapt these settings according to your VAT configuration.

Distribution

Sage X3 Automated Data Collection

A number of enhancements have been made to improve your experience in the Sage X3 Automated Data Collection (note this will be renamed to Sage X3 Mobile Automation from 2022 R1) web-based functions for Distribution:

- You can now group license plate numbers (LPN) through the ADC LPN grouping transaction
- On the ADC Stock count transaction, you can now perform counts for products managed by global serial number
- You can now benefit from a simplified navigation menu
- Product descriptions have been added
- Purchase order inquiries have been enhanced

These functionalities are compatible with new mobile Android handheld technology. This delivers increased user experience and secured connectivity when using new handheld technology for cloud customers.



Manufacturing

Work Orders

Enhancements have been made to facilitate the import of work orders without assigning a production routing.

Web Scheduling

New sedApta Version 11.9.7 is now available.

Project Management

Activity templates

To simplify project time entries and activity tracking, the Time entry and Weekly timesheet functions have been enhanced to include a new Activity template action. Employees can use this new action to define their personal activities.

Project	Task	Operati...	Budget	Description	Validate	Billable	Total	Monday	Tuesday	Wednes...	Thursday	Fri
W30 - 01/04/21 - 01/10/21							48	9	11	10	8	
RTC Raising Tower Crane 40M (En/P)	FR0111609000001	S1000	10	B03			8	0	0	0	0	

Date	Time category	Project	Task	Operation	Budget	Unit	Time spent	Description	Validat...
11/09/21	PRO	FR0111609000001	T110101	40	B02-A	HR	4	Assembly Follow-up	

Time billing

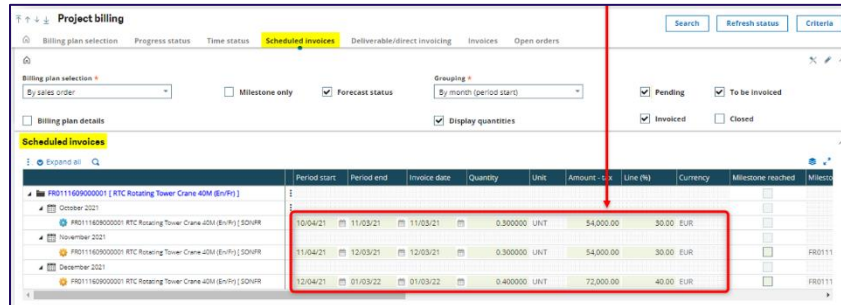
Giving you more flexibility, time billing has been introduced for those companies working in a project management context who need to bill a project according to time spent. This new process uses employees' time entries defined as billable and tracked at the project level, budget level, or task level for scheduled invoices to determine the amount to bill customers.

For invoicing purposes, it would be important to note that billable time spanning the billing periods is aggregated, adjusted, and validated for the project, budget, and tasks during the life of the project.

D.	Date	Time category	Project	Task	Operati...	Budget	Unit	Time spent	Description	Validated	Billable	Status	Billable from
18	02/03/21	PRO	FR0111609000001			B03	HR	4	Project management	✓	✓	Validated	02/03/21
19	02/01/21	PRO	FR0111609000001			B03	HR	8	Project management	✓	✓	Validated	02/01/21
20	01/27/21	PRO	FR0111609000001	S1000	10	B03	HR	8	Pre Sales steps	✓	✓	Validated	
21	01/25/21	PRO	FR0111609000001	S1000	10	B03	HR	8	Pre Sales steps	✓	✓	Validated	01/25/21
22	01/20/21	PRO	FR0111609000001			B03	HR	8	Project management	✓	✓	Validated	01/20/21

Project billing – Scheduled invoices updates

For ease of use, you can now raise scheduled invoices directly from the project management function. This means that for scheduled invoices linked to a project milestone, the dates of the scheduled invoices can now be edited from the Task planning screen, the Cost structure screen and the Task status change screen via the Change status action in the Project management function



	Period start	Period end	Invoice date	Quantity	Unit	Amount	Line (%)	Currency	Milestone reached	Milestone
FR0111609000001 RTC Rotating Tower Crane 40M (Bn/R)										
October 2021										
FR0111609000001 RTC Rotating Tower Crane 40M (Bn/R) SONFR	10/04/21	11/03/21	11/03/21	0.300000	UNIT	54,000.00	30.00	EUR		
November 2021										
FR0111609000001 RTC Rotating Tower Crane 40M (Bn/R) SONFR	11/04/21	12/03/21	12/03/21	0.300000	UNIT	54,000.00	30.00	EUR		FR0111
December 2021										
FR0111609000001 RTC Rotating Tower Crane 40M (Bn/R) SONFR	12/04/21	01/03/22	01/03/22	0.400000	UNIT	72,000.00	40.00	EUR		FR0111

Platform

ElasticSearch 7.13

To keep you up to date with the latest functionality for Elasticsearch, we have tested compatibility of Sage X3 with Elasticsearch 7.13, and it is now available to use with Sage X3.

Visual process editor enhancements

The Visual process editor has been enhanced to offer several new features. You can now:

- Select multiple elements
- Copy and paste shapes
- Organize shapes inside the canvas easily thanks to dynamic alignment guidelines
- Add and remove underlines in text
- Submit text into a shape without pressing Enter
- Move the action pallet around the screen

API's

GraphQL API

Enhancements have been made to the Sage X3 GraphQL schema to add various nodes and properties, find below:

- User capacity variation
- Project user
- Timetable schema
- Work Order

- Product
- Product site
- Currency rates (mutation)
- Project task
- Task category
- Task category operation
- Time category
- Stock

For more information and supporting materials, please [click here](#).

Sage X3 Automated Test Platform

Add capability to test field and value visibility

With Sage X3 Automated Test Platform version 2.5.0, enhancements have been made for your user experience. Specifically, new step definitions have been added to test user rights by verifying if graphical elements or data are displayed or hidden on the page.

This means that you can now use dedicated step definitions to check the following:

- A field is displayed or hidden on the page
- A data table header column is displayed or hidden on the page
- A tab is displayed or hidden on the page
- A function or an entity is displayed or hidden in the site map
- The left list or picking list is empty

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