



CENTSOFT

Centsoft - Account Payable Automation

Business Central Manual

Table of Contents

Centsoft Setup	3
General Settings	4
Inward Registration	4
Posting	7
Number Series	8
Create web-services	9
Create Job Queues.....	10
Centsoft Document.....	11
Fields to Notice	12
Actions	14
Centsoft Inward Registrations	16
Fields to Notice	18
Actions to Notice	18
Inward Reg. Entries.....	19
Centsoft Workflow.....	20
OData	20
Register Data	20
Centsoft Document Workflow and Flow chart.....	21
With Inward Registration	21
W/O Inward Registration.....	23

Centsoft Setup

Centsoft Setup

Deploy | Related | Fewer options

General

Activated Allowed Round Off A...

Round Off Account

Inward Registration

Inward Registration A... <input checked="" type="checkbox"/>	Inward Cost Account <input type="text" value="4260"/>
Def. Inward Reg. Prod... <input type="text" value="DIV"/>	Inward Debt Account <input type="text" value="2441"/>
Gen. Prod. Posting Gr... <input type="text" value="DIV"/>	Inward Posting Descri... <input type="text" value="INW"/>
VAT Prod Posting Gro... <input type="text" value="INGEN MOMS"/>	Reverse Posting Descri... <input type="text" value="INW REV"/>
VAT Prod Posting Gro... <input type="text" value="ENDAST"/>	Source Code <input type="text" value="CEN"/>
VAT Account <input type="text" value="2641"/>	Auto Inward Registrat... <input checked="" type="checkbox"/>

Posting

Default Posting Date <input type="text" value="Document Date"/>	Default Job Line Type <input type="text"/>
Auto Post Documents <input checked="" type="checkbox"/>	Allow Unlinked Job U... <input checked="" type="checkbox"/>
Vendor Name in Desc... <input checked="" type="checkbox"/>	

Number Series

Inward Reg. Nos.

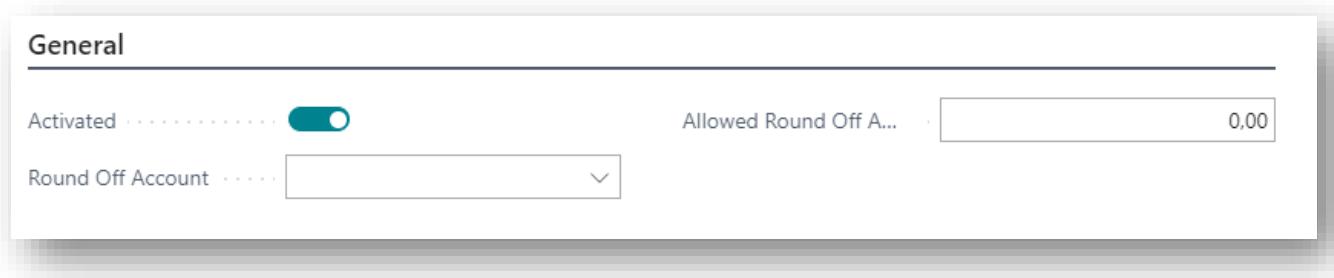
The setup page is where we configure the extension and at first installation, we will need to create the necessary web services and job queues that is used by the extension when booking invoices. Most of the configuration is for the Inward Registration functionality of the extension. We can also control if the job queues should automatically Inward Register/book invoices or if they should be left alone.

Important:

- Fields marked with **M** must contain a value.
- **M** besides a switch means the switch needs to be turned on for a specific reason named.
- When it comes to Inward Registration fields marked with **M** must only contain a value if Inward Registration is used.

General Settings

This section will contain all the general settings for the extension.



- **M** Activated – Needs to be turned on when using the Centsoft extension.
- Allowed Round Off Amount – The amount of round off allowed by the Vendor, if the invoice head amounts does not match the row amounts it often means that the vendor has made a round off. This can be inconvenient and create unwanted error messages regarding amounts not balanced correctly. With this field you can control how much you want to allow the vendors to round off and combined with the **Round Off Account** field an extra round off row will be created on the invoice if a difference within the allowed round off amount value exists.
- Round Off Account – The account that will be used when creating the Round off row.

Inward Registration

This section contains all the configuration regarding Inward Registration inside Business Central. Centsoft controls the most parts of the Inward Registration inside Business Central.

Important:

- Pre-Accounting means that when Inward Registration is made you send the Account Coding as is. When Pre-Accounting is not used, we generate two lines for inward registration, one containing the Cost amount and another line containing the VAT amount.

Inward Registration

Inward Registration A...	<input checked="" type="checkbox"/>	Inward Cost Account	4065
Def. Inward Reg. Prod...	DIV	Inward Debt Account	4065
Gen. Prod. Posting Gr...	INGEN MOMS	Inward Posting Descri...	INW
VAT Prod Posting Gro...	INGEN MOMS	Reverse Posting Descri...	REV-INW
VAT Prod Posting Gro...	ENDAST	Source Code	PAL
VAT Account	2679	Auto Inward Registrat...	<input checked="" type="checkbox"/>

- **M** Inward Registration Activated – This needs to be turned on if using the Inward Registration functionality of the extension.

Inward Registration Activated	<input checked="" type="checkbox"/>
-------------------------------	-------------------------------------

- **M** Def. Inward Reg. Prod. Post Gr – This is used as a default when no **General Product Posting Group** could be found on the **Inward Registration Line**.

Def. Inward Reg. Prod...	DIV
--------------------------	-----

- **M** Gen. Prod. Posting Group – This is the default **General Product Posting Group** for when Pre-Accounting is not used, and we need to generate a Cost and VAT line.

Gen. Prod. Posting Gr...	DIV
--------------------------	-----

- **M** VAT Prod Posting Group No VAT – This is used on the cost line generated when Pre-Accounting is not used and needs to be a 0% **VAT Product Posting Group**.

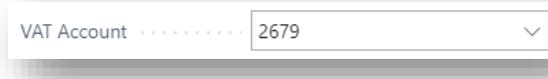
VAT Prod Posting Gro...	INGEN MOMS
-------------------------	------------

- **M VAT Prod Posting Group Full VAT** - This is used on the VAT line generated when Pre-Accounting is not used and needs to be a 100% **VAT Product Posting Group**.



VAT Prod Posting Gro... · ENDAST

- **M VAT Account** – This is the account that will be used for the VAT lines when Inward Registering.



VAT Account ······ 2679

- **M Inward Cost Account** – This is the account that will be used for the cost lines when Inward Registering.



Inward Cost Account ···

- **M Inward Debt Account** – This is the account that will be used for the total debt line when Inward Registering.



Inward Debt Account ···

- **Inward Posting Description** – This is added to the **Description** field on the lines when Inward Registering. (This is added to the General Ledger Entries).



Inward Posting Descri... · INW

- **Reverse Posting Description** – This is added to the **Description** field on the lines when Reversing Inward Registration. This is added to the **General Ledger Entries** created.



Reverse Posting Descri... · REV-INW

- **M Source Code** – This is used as an identifier for where the entries are created from and will be added to the **Source Code** field in the **General Ledger Entries** created.



Source Code ······ PAL

- Auto Inward Registration – This controls if one of the **Job Queue Entries** created should inward Register Invoices that are marked for Inward Registration. This is not needed but should always be on if you are using Inward Registration as it makes the whole workflow more automatic.

Auto Inward Registrat...

Posting

This section contains all the settings when posting in Business Central, some of the settings affects Inward Registration as well.

Posting

Default Posting Date ... Default Job Line Type ...
 Auto Post Documents ... Allow Unlinked Job U...
 Vendor Name in Desc...

- **M** Default Posting Date – Default value of **Posting Date** field if not provided from Centsofts side.
 - This value is used when the extension creates/updates the **Purchase Invoice** from the **Centsoft Document**.
 - As this is used when creating the purchase invoice, it is also used on the Inward Registration part.
 - The most common option here is **Document Date**.

Default Posting Date ...

- Auto Post Documents – This controls if one of the **Job Queue Entries** created should Post **Centsoft Documents** that are marked **Ready for Posting**. This is not needed but should always be on as it makes the whole workflow more automatic.

Auto Post Documents ...

- Vendor Name in Description – This adds the name of the vendor into the Description field when posting using ‘-’ as delimiter.
 - a. Description field Format: {Description} - {Vendor Name}.



- Default Job Line Type – This is used as a Default Value on the invoice line if no **Job Line Type** was provided from the Centsoft side.
 - a. This is used only when using Job Module which is not a common thing.



- Allow Unlinked Job Usages - This will allow the posting of lines without "Job Line type" while having "Apply Usage Link" activated on a Job.



Number Series

This section contains all the **Number Series** that will be used by the extension.

Number Series

Inward Reg. Nos. ANK

- Inward Reg. Nos – This is used when creating Inward Registration Documents inside Business Central.
 - a. This is **M** if you are using Inward Registration functionality.
 - b. The Inward Registration Documents can be seen under the **Centsoft Inward Registrations** page.

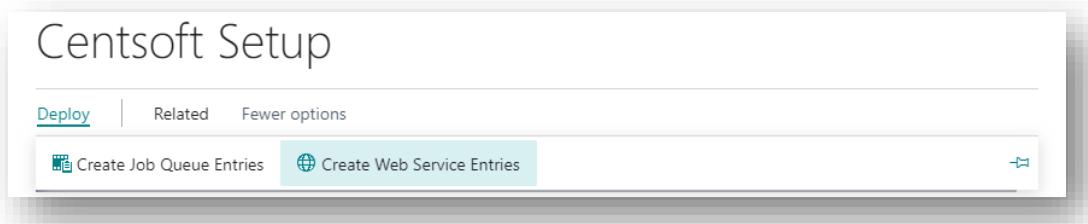
Inward Reg. Nos. ANK

Create web-services

In Centsoft Setup we can create the necessary **Web Services** used by Centsoft to retrieve/send data from/into Business Central. Centsoft uses **ODATAV4 REST** when communicating with Business Central.

This step is **M** for the extension to work.

1. On top of the **Centsoft Setup** page click **Deploy** -> **Create Web Service**



2. To confirm that the necessary **Web Services** has been created you can search on the term "Efh" on top of the **Web Services** Page when it pops up. You should now see a bunch of web services with the Service Name prefix "Efh".

Edit - Web Services			
Object Type ↑		Object ID	Object Name
		Service Name ↑	
Page		5480	accounts
Page		5	Currencies
Page		540	Default Dimensions
Page		1701	Deferral Templates
Page		12091481	LETEfhDimensionValues
Page		12091477	LETEfhDocument
Page	:	12091478	LETEfhDocumentLine
Page		5615	FA Classes
Page		5616	FA Subclasses
Page		5600	Fixed Asset Card
Page		5601	Fixed Assets
Page		118	General Ledger Setup
Page		18	G/L Account List
Page		31	Items
Page		88	Job Card
Page		2852	taxGroups
Page		2866	Native - VAT Setup
Page		51	Purchase Invoice
Page		472	VAT Posting Setup
Page		471	VAT Product Posting Groups
Page		12091479	LETEfhVendor
→ Page	:	12091480	LETEfhVendorBankAccount

Note: The picture above may not represent the exact web services created due to updates in the solution.

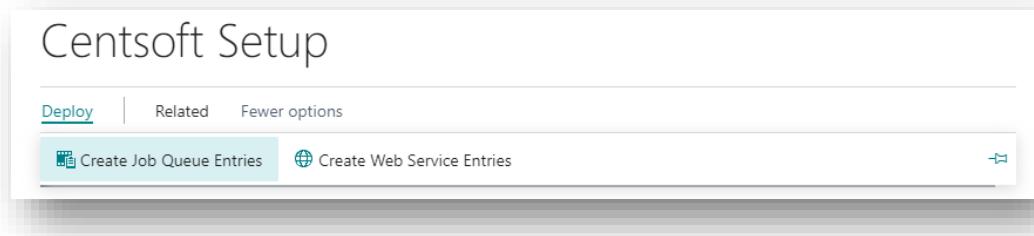
Create Job Queues

We also need to create the **Job Queue Entries** automate the workflow of the extension, these entries are responsible for creating a **Purchase Invoice** representing the **Centsoft Document**, Inward Registration and Posting of the invoices.

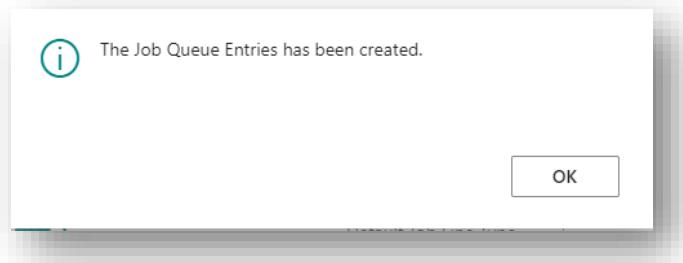
Important Notes:

- For this step to work the extension must be activated, you can find the activated switch under **General**.
- The user that creates the **Job Queue Entries** will be put as the **Used ID** on the entries, this means that the user needs to be able to post invoices for the entries to be able to do their job.

1. On top of the **Centsoft Setup** page click **Deploy** -> **Create Job Queue Entries**



- a. The message below should pop up when the **Job Queue Entries** has been created.



2. Now go to the **Job Queue Entries** page to confirm that these three entries have been created.

Ready	GABRIEL.ACOSTA.ENGLER	Codeunit	12038917	CentsoftJobQueueAutoHandle	Post Inward
Ready	GABRIEL.ACOSTA.ENGLER	Codeunit	12038917	CentsoftJobQueueAutoHandle	Create Purch Doc.
Ready	GABRIEL.ACOSTA.ENGLER	Codeunit	12038917	CentsoftJobQueueAutoHandle	Post Invoice

- Create Purch Doc – This entry handles all the **Centsoft Documents** with the status **Imported**. Its job is to create **Purchase invoices** from those docs and set their status to **Document Created**. This job runs every 5 minutes by default.

Note: If Inward registration is not used then the status will be set to **Ready for Posting** instead.

- Post Inward – This entry handles all the **Centsoft Documents** with the status **Document Created**. Its job is to Inward Register those documents and set their status to **Inward Registration Posted**. This job runs every 10 minutes by default.
- Post Invoice – This entry handles all the **Centsoft Documents** with the status **Ready for Posting**. Its job is to do a final posting of those documents and set their status to **Document Posted**.

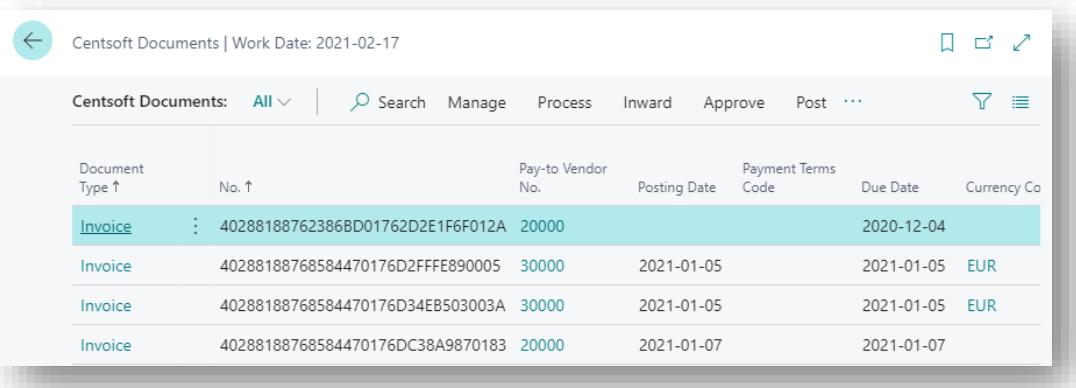
Note: If Inward registration is used this will reverse the inward registration on every invoice that is successfully posted.

Centsoft Document

Centsoft Document represents an invoice that has been sent from the Centsoft system into Business Central. For every Centsoft document a Purchase Invoice will be created that mirrors the document. Throughout the workflow Centsoft will communicate with BC through these documents to update/post the purchase invoices.

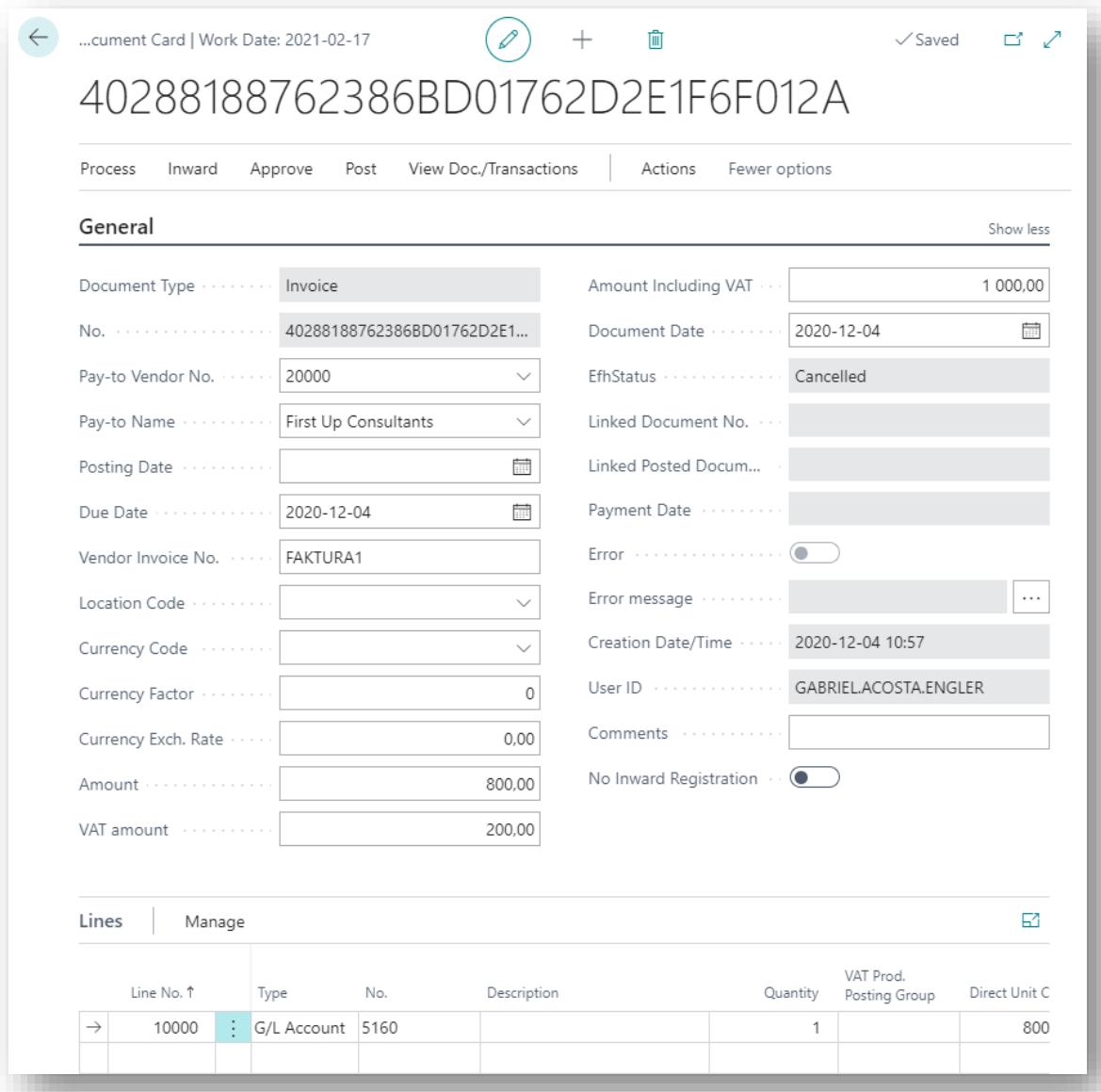
when Centsoft exports an invoice to Business Central it creates a Centsoft Document and from that document a purchase invoice is created. Centsoft Document is used to see the status of the invoice and see if there are any errors to report back to Centsoft.

Centsoft Documents Page:



Document Type ↑	No. ↑	Pay-to Vendor No.	Posting Date	Payment Terms Code	Due Date	Currency Co
Invoice	: 40288188762386BD01762D2E1F6F012A	20000			2020-12-04	
Invoice	40288188768584470176D2FFFE890005	30000	2021-01-05		2021-01-05	EUR
Invoice	40288188768584470176D34EB503003A	30000	2021-01-05		2021-01-05	EUR
Invoice	40288188768584470176DC38A9870183	20000	2021-01-07		2021-01-07	

Centsoft Document Card:



The screenshot shows the Centsoft Document Card interface for a purchase invoice. The top navigation bar includes links for Process, Inward, Approve, Post, View Doc./Transactions, Actions, and Fewer options. The main content area is divided into sections: General, Lines, and Manage. The General section contains fields for Document Type (Invoice), Amount Including VAT (1 000,00), No. (40288188762386BD01762D2E1F6F012A), Document Date (2020-12-04), Pay-to Vendor No. (20000), Pay-to Name (First Up Consultants), Posting Date (2020-12-04), Due Date (2020-12-04), Vendor Invoice No. (FAKTURA1), Location Code, Currency Code, Currency Factor (0), Currency Exch. Rate (0,00), Amount (800,00), VAT amount (200,00), and various status indicators like EfhStatus (Cancelled), Error (off), and Error message. The Lines section shows a single line item with Line No. 10000, Type G/L Account, No. 5160, Description, Quantity 1, VAT Prod. Posting Group, and Direct Unit C 800. The Manage section has a 'Lines' tab selected.

Line No. ↑	Type	No.	Description	Quantity	VAT Prod. Posting Group	Direct Unit C
→ 10000	G/L Account	5160		1		800

Fields to Notice

Most of the page resembles the **Purchase Invoice** page and most of the fields are self-explanatory except for a few fields.

- **Linked Document No** – The linked **Purchase Document No** can be found here when one has been created by either the automatic Job Queue or by using the action **Create Purchase Document**.
- **Linked Posted Document** – The linked **Posted Purchase Document** after the document has posted by either the automatic Job Queue or by using the action **Post Purchase Document**.

- Payment Date – This field will be filled in automatically when an invoice has been fully paid. Centsoft then uses this field to mark the invoice as paid inside the Centsoft system.
- Error – If something goes wrong during the workflow, this switch will be turned on and the field “Error Message” will be populated with the information regarding the error that has occurred.
- Error Message – This field is populated with the latest error message that has occurred in the workflow for the specific invoice, the “Error” switch is turned on in combination with this field.
- No Inward Registration – This switch marks a Centsoft Document to not be Inward Registered by the automatic Job Queue that handles the Inward Registration.
- EfhStatus – This field represents the current status that the document is in. Centsoft uses this field to be able to update the document inside Centsoft e.g., if the document has been Inward Registered or posted. The Job Queue Entries also uses the EfhStatus field to determine if it should perform an action on the document.

Statuses and their meaning:

- **Imported** – This status is set when an invoice is sent from Centsoft system into Business Central and a Centsoft Document is created. The document will keep that status until a Purchase Invoice connected to that document is created by either letting the Job Queue Entry create it or by creating it manually using the action **Create Purchase Document** under the Centsoft Document page.
- **Document Created** – This status is set when a Purchase Invoice has successfully been created and connected to the Centsoft Document. This status is always set in this order: **Imported** -> **Document Created**. To achieve this status, you can either let the Job Queue Entry do its work or manually create the Purchase Invoice through the Centsoft Document page by using the action **Create Purchase Document**.
- **Inward Registration Posted** – This status is set if Inward Registration is used and the Centsoft Document is successfully Inward Registered. This can be achieved by either letting the Job Queue Entry that handles Inward Registration do its job or by using the action **Auto. Post Inward Registration** on the Centsoft Document page.
- **Ready for Posting** – This status is set when the accounting for the document is done and we are ready to post the document. This status is set when the customer is done with the Invoice on the Centsoft side and sends it for final booking to Business Central. This status comes either after the status **Document Created** if Inward Registration is not used and after **Inward Registration Posted** if it is used.

Important Note: If Inward Registration is not used this status is set directly after the Purchase Invoice is Created.

- **Document Posted** – This status is set when a document is successfully posted. After this status is set Centsoft will update the invoice in the Centsoft system and mark it as booked.
- **Document Posted** – This status is set when the **Cancel Document** action is invoked on a specific invoice. Centsoft does not retrieve this status back to its system. This means that if you cancel an invoice in Business Central it needs to be manually removed in the Centsoft system.

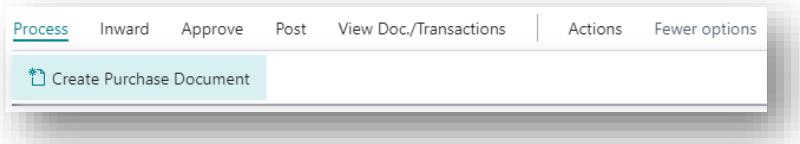
Actions

Centsoft Document has a set of actions that can be used to progress in the workflow manually if needed. There is also a set of actions to navigate through the different documents connected to the **Centsoft Document**.

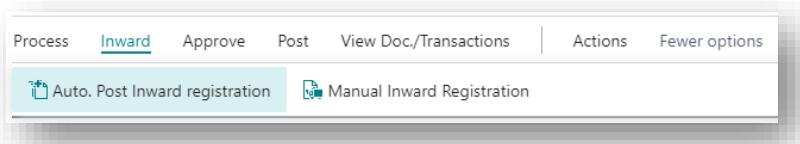
Important Notes:

- Actions that progress the workflow will not be needed in most of the times due to the Job Queue Entries that automatically trigger these and handles the workflow of the invoices.
- It is strongly recommended to let the Job Queue Entries handle the workflow of the Invoices.
- Some Actions will be grayed out depending on the **EfhStatus** of the invoice.
- If an Action fails it will switch on the Error flag and populate the Error Message field with the error that has occurred. (This does not apply to all actions but to those that progress the workflow).

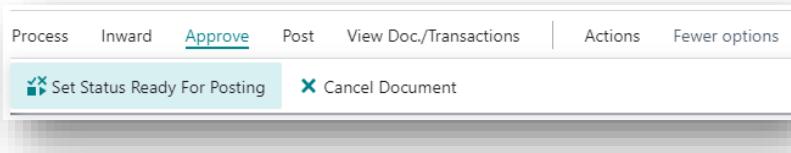
- **Create Purchase Document** – This will create a **Purchase Invoice** that corresponds the **Centsoft Document** it is triggered from. If the action succeeds the Centsoft Document will receive the EfhStatus “Document Created” and the field “Nav Document No.” will be populated with the linked Purchase Invoice that was created.



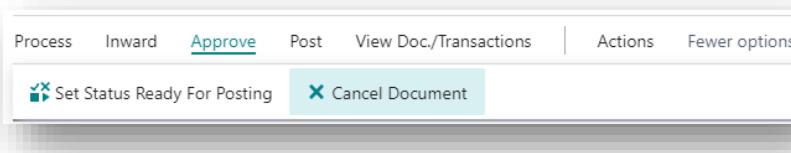
- **Auto. Post Inward Registration** – This will automatically inward register the **Centsoft Document** creating Inward Reg Header, lines and entries. If the action succeeds the Centsoft Document will receive the EfhStatus “Inward Registration Posted” and the corresponding lines will be posted. If you wish to review the inward registration before posting the entries use **Manual Inward Registration** action instead.



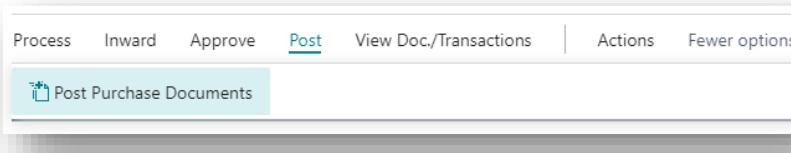
- **Set Status Ready for Posting** – This will set the EfhStatus of the **Centsoft Document** to “Ready for posting”. This will enable you to post the document using the **Post Purchase Document** action. If automatic posting of invoices is used this will tell the **Job Queue Entry** in charge of final posting to post this document.



- **Cancel Document** – This will mark the **Centsoft Document** as cancelled and set the EfhStatus to “Cancelled”. If a linked Purchase Invoice exists it will be removed and if an inward registration was made it will be reversed.



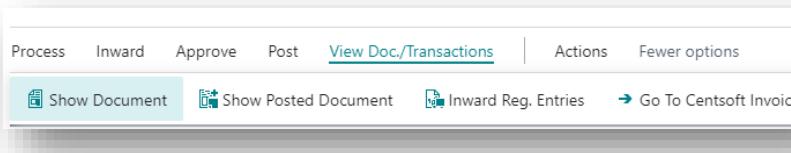
- **Post Purchase Document** – This will trigger the final posting of the **Purchase Invoice** linked to the **Centsoft Document**. If the action succeeds it will set the EfhStatus to “Document Posted” and the appropriate entries will be created. The field “Posted Nav Document No” will be populated with the Posted Purchase Invoice Document Number.



- **Show Document** – Navigates to the linked Purchase Invoice, this action is only available if there exists a Purchase Invoice linked to the **Centsoft Document**.

Note:

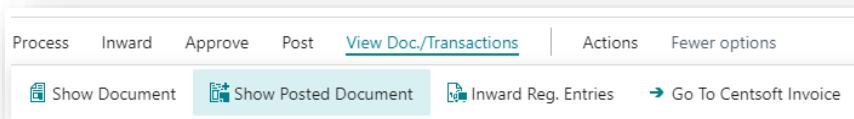
- When the Centsoft Document has been posted and has EfhStatus “Document Posted” you must use the **Show Posted Document** action instead.



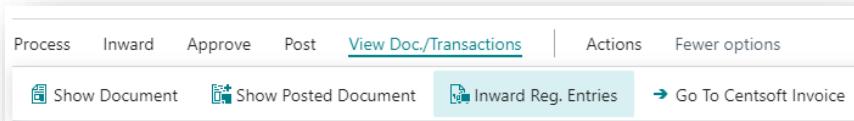
- **Show Posted Document** – Navigates to the Posted Purchase Invoice that is connected to the **Centsoft Document**.

Note:

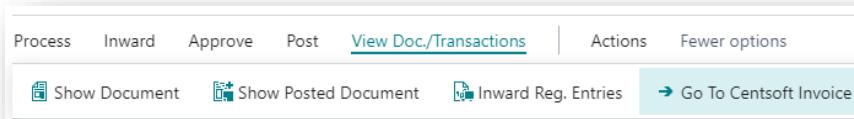
- This action is only available when the **Centsoft Document** has the status “Document Posted” and a linked **Posted Purchase Invoice** exists.



- **Inward Reg. Entries** – Navigates to the **Inward Reg. Entries** linked to the **Centsoft Document**.



- **Go to Centsoft Invoice** – Opens a new tab in your browser redirecting you to the Invoice inside the Centsoft system.



Centsoft Inward Registrations

Inward Registration is a way to do a preliminary posting of the Cost and VAT of an invoice until you later overwrite it with the final booking of the invoice. To use Inward Registration, it needs to be activated in Centsoft Setup.

Common Usage for Inward Registration:

- When you want to register VAT and determine preliminary liability and cost.
- When you want to quickly register invoices with incomplete or invalid information. For example, if you do not know which general ledger account an invoice should be posted to, you can post a preliminary invoice until the correct general ledger account can be determined.
- When you want to submit a preliminary invoice for approval.

This page shows the Inward Registrations that are currently open and has not yet been reversed, It also shows Inward Registration drafts created but that has yet to be posted.

Notes:

- These Documents are temporary and will be removed when the Inward Registration that is linked to this document is reversed.
- You can reverse an Inward Registration manually by clicking a specific Inward Registration and using the reverse action inside the Inward Registration Card.
- While the Inward Registration is still a draft with the status “new” you can change values inside of it but when it has been posted it will gray out all the fields.

Centsoft Inward Registrations Page:

Centsoft Inward Registrations Work Date: 2021-02-17					
Search		New	Manage	Page	
No. ↑	Document No.	Vendor Invoice No.	Posting Date	Responsible	Latest Return
ANK02109	107265	TESTERINOINV	2021-01-12		2021-01-14
ANK02119	107273	FAKTURA2	2021-02-18		2021-02-18
ANK02120	107274	FAKTURA3	2021-02-18		2021-02-18

Centsoft Inward Registration Card:

Inward Registration

ANK02119

✓ Saved

Post Actions Related Fewer options

General

No.	ANK02119	...	Responsible	
Vendor Invoice No.	FAKTURA2		Latest Return	2021-02-18
Vendor No.	10000		Status	Posted
Vendor Name	Fabrikam, Inc.		Currency Code	
Document No.	107273		Amount	1 000,00
Posting Date	2021-02-18		VAT amount	0,00

Inward Reg. Lines Manage More options

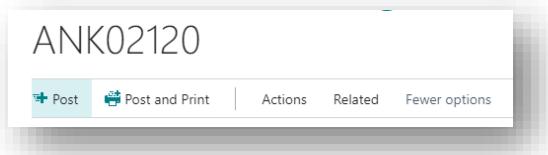
VAT Prod. Posting Group	Gen. Prod. Posting Group	VAT %	Amount	VAT Amount	Amount Including VAT
→ MOMS25	: DIV	0,00	1 000,00	0,00	1 000,00

Fields to Notice

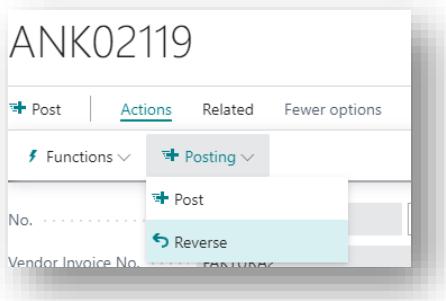
- Status – there are only two statuses available here.
 - New – This means that the document is a draft, and the Inward Registration has yet to be posted.
 - Posted – This means the Inward Registration is posted and entries has been made. You can not change the document when this status is set.

Actions to Notice

- Post – This will post the Inward Registration and set the status of the document to “Posted”.

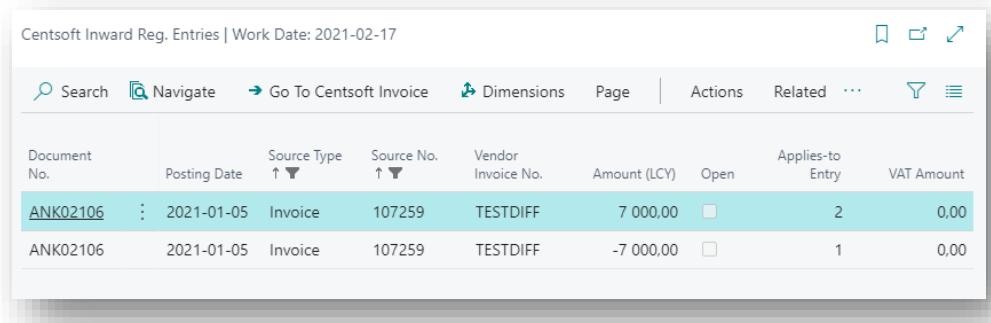


- Reverse – Use this action to manually reverse the Inward Registration, this will remove the document if the inward registration was successfully reversed.



Inward Reg. Entries

The Centsoft Inward Reg. Entries page holds all the Inward Registration Entries created. Every entry is linked to a **Centsoft Document** that has been inward registered. From this page you can navigate to entries created in the G/L Entry and VAT Entry table.



Centsoft Inward Reg. Entries | Work Date: 2021-02-17

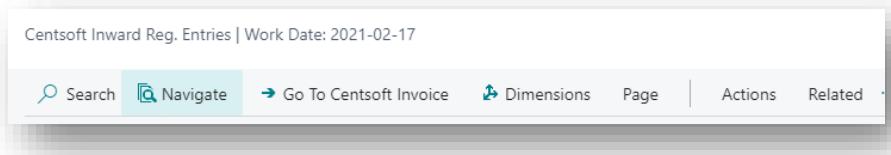
Document No.	Posting Date	Source Type	Source No.	Vendor Invoice No.	Amount (LCY)	Open	Applies-to Entry	VAT Amount
ANK02106	2021-01-05	Invoice	107259	TESTDIFF	7 000,00	<input type="checkbox"/>	2	0,00
ANK02106	2021-01-05	Invoice	107259	TESTDIFF	-7 000,00	<input type="checkbox"/>	1	0,00

Notes:

- An **Inward reg. Entry** that has yet to be reversed will have the “Open” switch turned on.

From this page you can navigate to the different entries created to a specific Inward Registration.

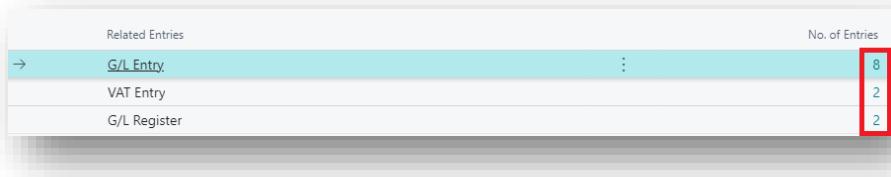
1. Click on **Navigate** on top of the page.



Centsoft Inward Reg. Entries | Work Date: 2021-02-17

Search	Navigate	Go To Centsoft Invoice	Dimensions	Page	Actions	Related
--------	----------	------------------------	------------	------	---------	---------

2. To navigate to a specific register where entries has been created you click on the number on the right side of the new page that opened.



Related Entries

Related Entries	No. of Entries
G/L Entry	8
VAT Entry	2
G/L Register	2

Centsoft Workflow

In this section we go through how Centsoft communicates with Business Central and the two different workflows that can be used with this extension.

OData

OData is a REST protocol used by Centsoft to communicate through Web Services created inside Business Central Web Service page. It is recommended to always use the latest version of OData for the communication. Centsoft uses OData to both retrieve and send data from/to Business Central.

For more information about OData, see their documentation in the link below:

<https://www.odata.org/documentation>

Register Data

These are the Web Services created for retrieving data from Business Central to Centsoft.

Register Data	Object ID	Object Name	Web Service Name
Accounts	5480	Accounts	EfhAccountEntity
Account Rules	540	Default Dimensions	EfhDefaultDimensions
Currencies	5	Currencies	EfhCurrencies
Suppliers	12038919	Efh Vendor	EfhVendor
Supplier Bank Accounts	12091480	Efh Vendor Bank Account	EfhVendorBankAccount
Fixed Asset Types	5615	FA Classes	EfhFAClasses
Fixed Assets	5600	Fixed Asset Card	EfhFixedAssetList
Periodic templates	1701	Deferral Templates	EfhDeferralTemplateList
Dimensions	12038921	Efh Dimension Values	EfhDimensionValues
Vat Codes	471	VAT Product Posting Groups	EfhVATProductPostingGroups
VAT Posting Setup	472	VAT Posting Setup	EfhVATPostingSetup
Jobs	88	Job Card	EfhJobCard
Items	31	Items	EfhItemsList

Centsoft Document Workflow and Flow chart

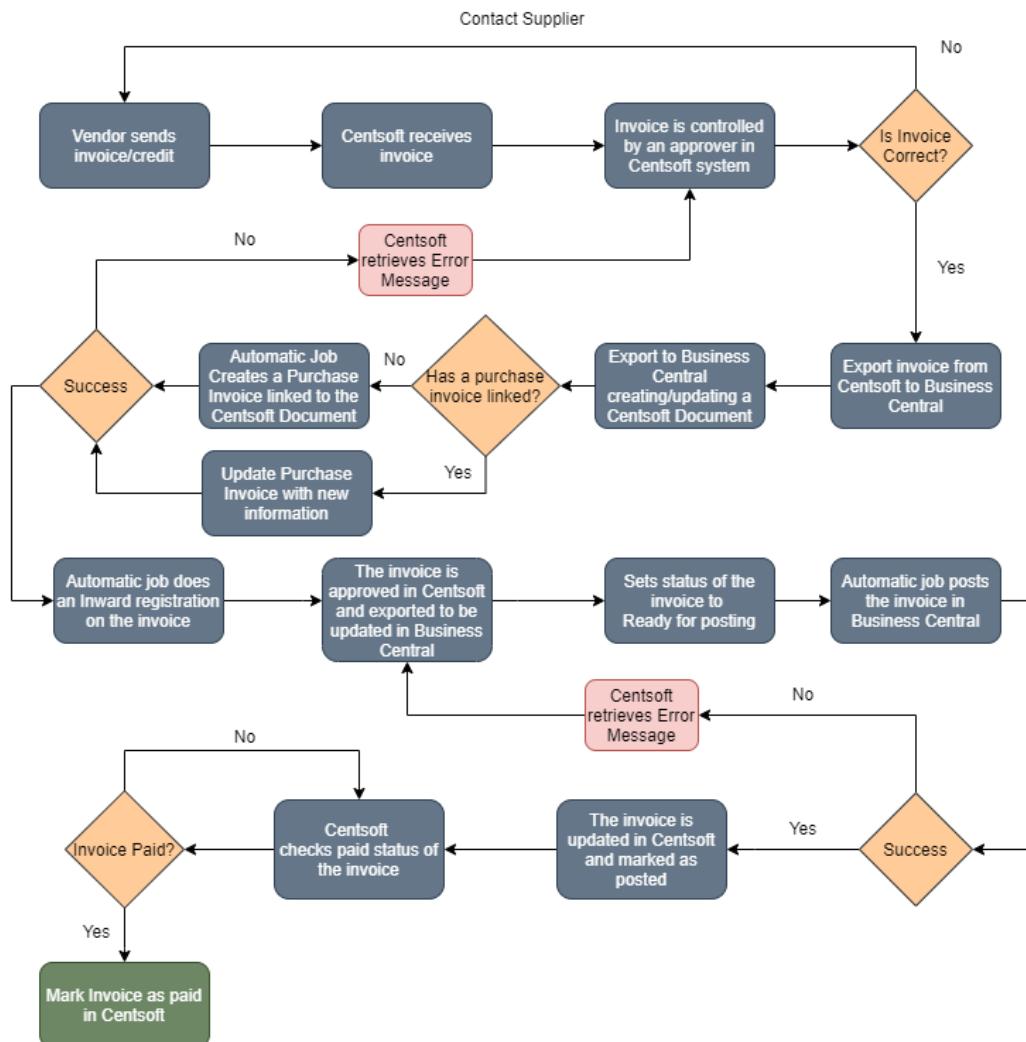
Important Notes:

- Invoice lines from Centsoft should always contain a VAT Code (It is possible for Business Central to pick a VAT Setup by combining values from Vendor and Account, but it is easier to set the VAT Code and rely on the VAT Setup that comes from Vendor + VAT Code from invoice line).
- **Centsoft Document** page works like a bridge between Centsoft and Purchase Invoices in Business Central. If you want to make changes to an invoice it should go through Centsoft, so all the layers get updated with the new data.
- The **Job Queue Entries** uses the field “EfhStatus” on the Centsoft Document to distinguish what invoices it should work on.
- If any **Job Queue Entry** fails to execute its action on a specific **Centsoft Document** the “Error” flag will be flagged and the “Error Message” field will be populated with the error. Centsoft will then through the API be able to retrieve the error and display it on the Invoice inside Centsoft.

With Inward Registration

1. The invoice is exported to Business Central for Inward Registration. A **Centsoft Document** will be created with the data sent from Centsoft to Business Central.
2. The first **Job Queue Entry** that is charge of the creation of Purchase Invoices will do exactly that using the data provided from the **Centsoft Document**.
3. After the Purchase Invoice is created and the **Centsoft Document** is updated with the EfhStatus **Document Created** the **Job Queue Entry** in charge of Inward Registration will run an Inward Registration Posting on the **Centsoft Document/Purchase Invoice** and update its status to **Inward Registration Posted**
4. Centsoft will check and update the invoice inside Centsoft if the Inward Registration is complete.
5. An approver will control the invoice and mark it for final booking.
6. The Invoice is exported to Business Central and updated with any changes that was made inside Centsoft (Both the Centsoft Document and Purchase Invoice linked to that document will be updated) while also setting EfhStatus to **Ready for Posting**.
7. The **Job Queue Entry** that does the final posting will post the **Purchase Invoice**, reverse the Inward Registration that was made and update the **Centsoft Document** EfhStatus to **Document Posted**.
8. the invoice will be marked as posted inside Centsoft and will wait for payment. Centsoft will periodically check if the invoice has been paid in Business Central.
9. When the Invoice is paid in Business Central the “Payment Date” field in the **Centsoft Document** will be updated and Centsoft will mark the invoice as paid automatically.

Flow chart with Inward Registration



W/O Inward Registration

1. The invoice is exported to Business Central for Inward Registration. A **Centsoft Document** will be created with the data sent from Centsoft to Business Central.
2. The first **Job Queue Entry** that is charge of the creation of Purchase Invoices will do exactly that using the data provided from the **Centsoft Document** and as no Inward Registration is used the EfhStatus will be set to **Ready for Posting**.
3. The **Job Queue Entry** that does the final posting will post the **Purchase Invoice**, reverse the Inward Registration that was made and update the **Centsoft Document** EfhStatus to **Document Posted**.
4. the invoice will be marked as posted inside Centsoft and will wait for payment. Centsoft will periodically check if the invoice has been paid in Business Central.
5. When the Invoice is paid in Business Central the “Payment Date” field in the **Centsoft Document** will be updated and Centsoft will mark the invoice as paid automatically.

Flow chart W/O Inward Registration

