

Introduction

Mandatory Field Setup enables you to setup that certain fields on records in a table must be specified. You choose a table, a condition field and value, and which fields that are mandatory - and optionally which value each field should have. If you select a conditional field, the content of this field moderates whether the set of required fields should be checked. If the mandatory fields do not meet the conditions, a consequence can be setup per table.

In example it is possible to setup that Customers having 'Customer Posting Group' "DENMARK" must have 'Country/Region Code' set to "DK". If this is not the case, the field 'Blocked' will be set to "All".

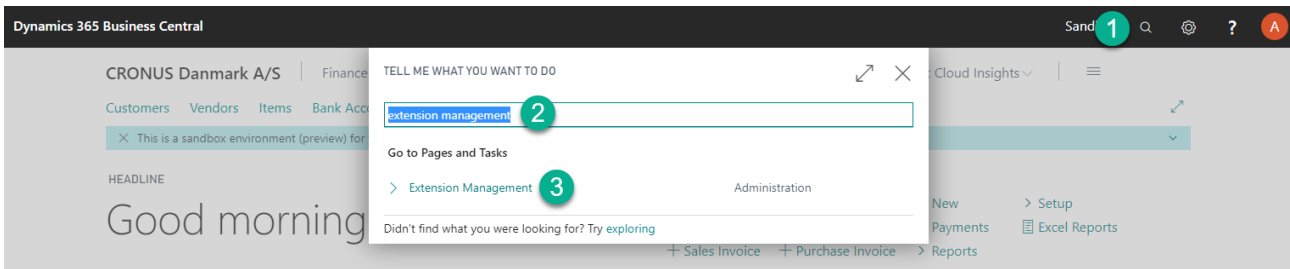
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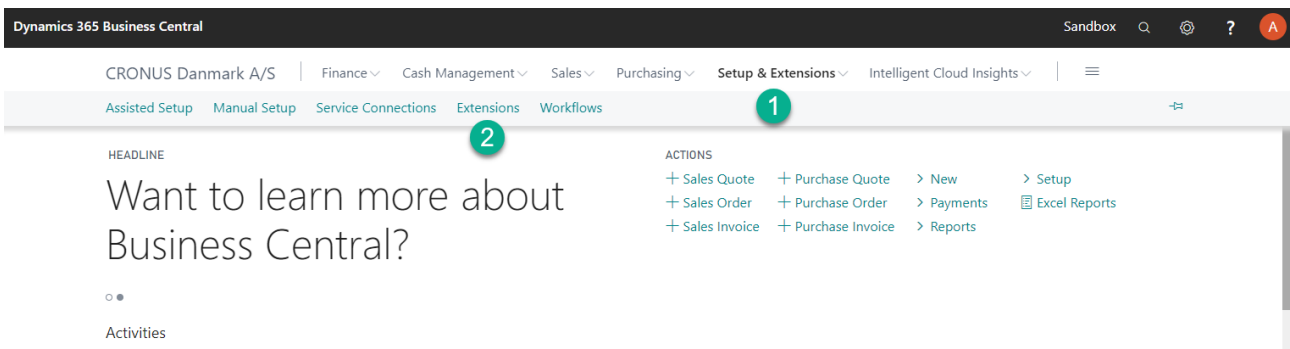
[-- More information --](#)

How to install

Install Mandatory Fields from the Extension Management Page. Access this page by using search.

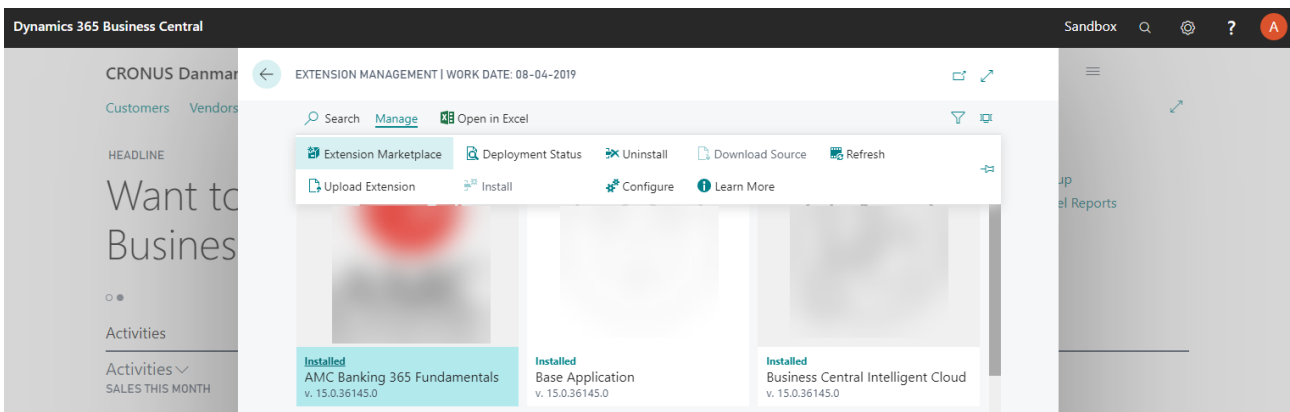
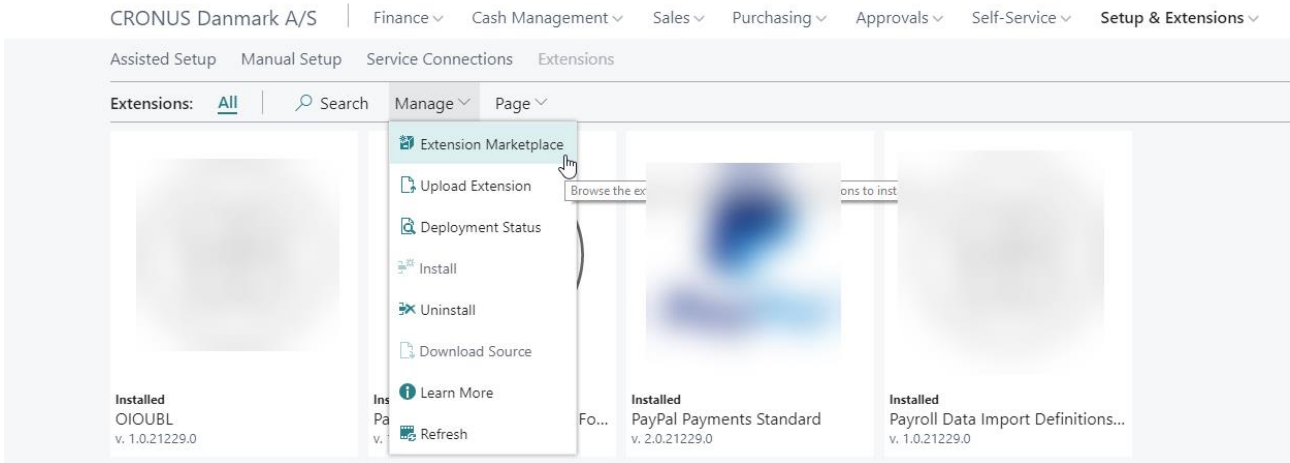


Page can also be accessed from the Business Manager Role Center, under the menu “Setup & Extensions”

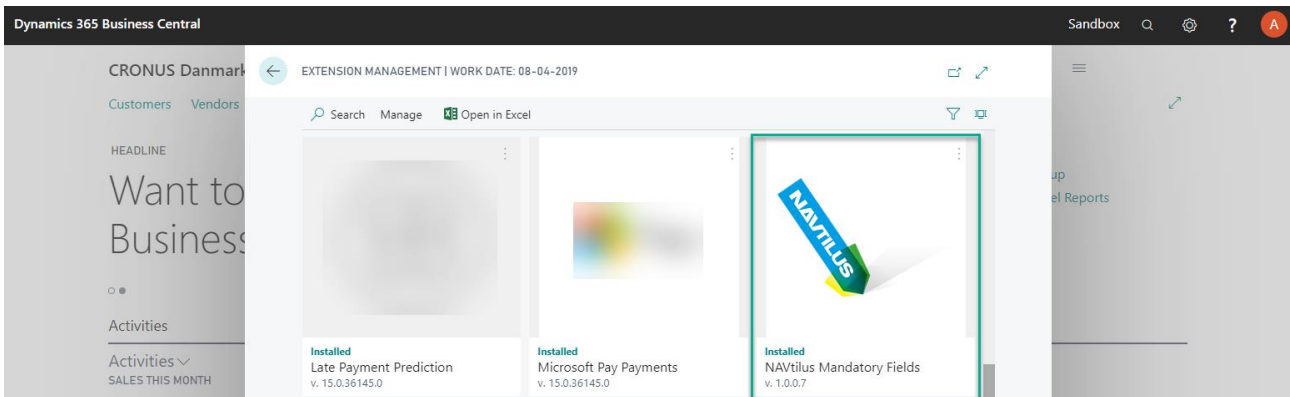


Browse "Extension Marketplace" and locate the extension "Mandatory Fields".

Once found Click "Get it now" and proceed to install.



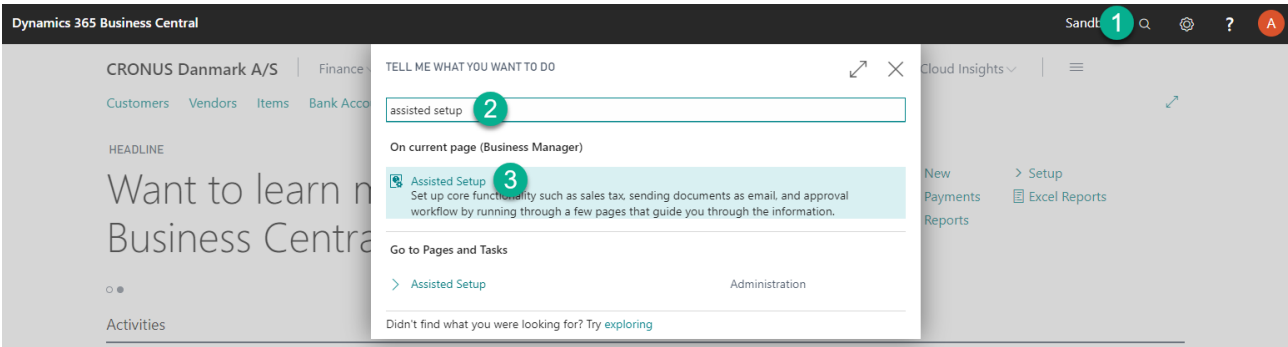
After successful installation and refresh of the page the extension shows up on the Extensions page.



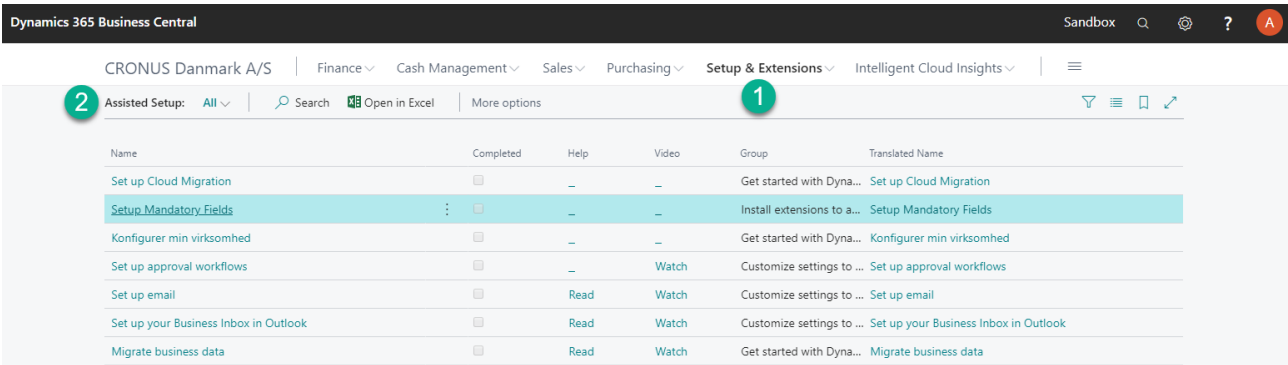
After successful installation users must logout and login again, to activate the new extension.

How to setup – Assisted Setup

Setup can be done using the Assisted Setup. Access this page by using search.

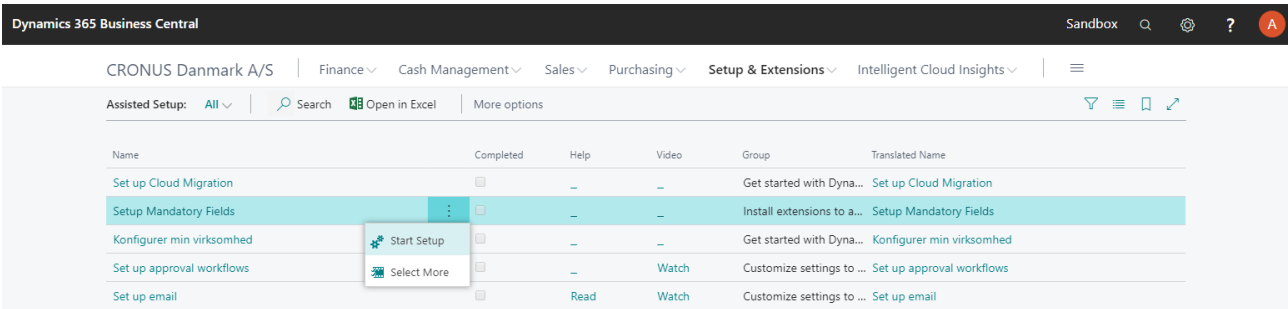


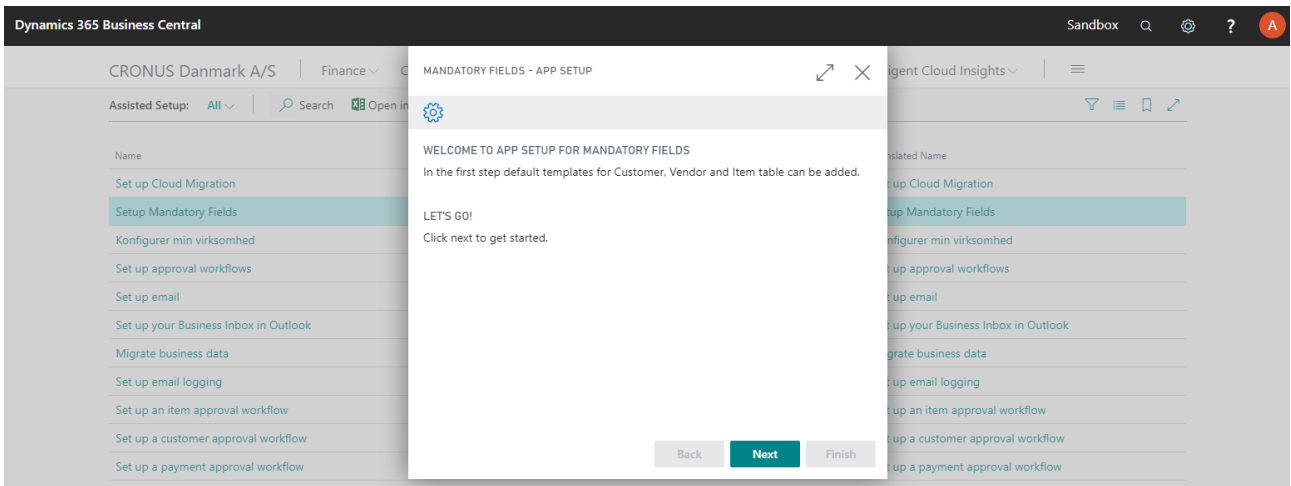
Page can also be accessed from the Business Manager Role Center, under the menu “Setup & Extensions”



From the Assisted Setup list, locate the line that reads “Setup Mandatory Fields”.

Click on the text “Setup Mandatory Fields”, or use the action “Start Setup” in the ribbon. This will start the Assisted Setup Wizard for Mandatory Fields.

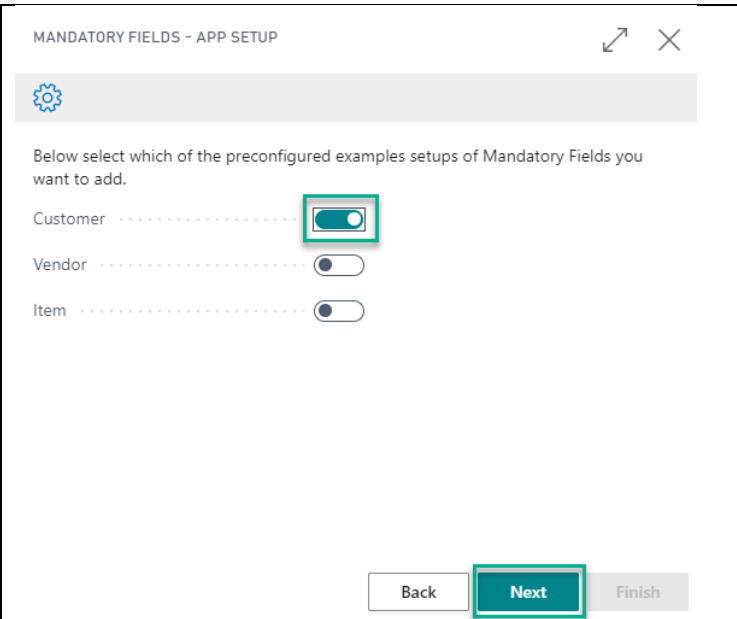




The purpose of the Wizard is to help you setup some pre-configured examples of the mandatory field setup. It also help to ensure that every user has the required permissions to use the extension.

<p>Click Next to start the setup</p>	
<p>In this step, you can choose to activate example setups of mandatory fields.</p> <p>Select one or more by setting a check mark besides each.</p>	

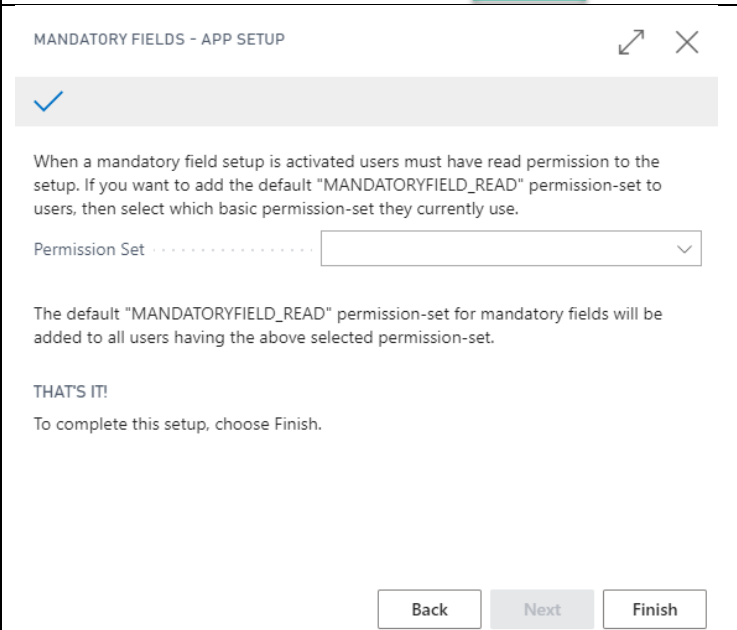
In this guide, we select Customer.
Click Next.



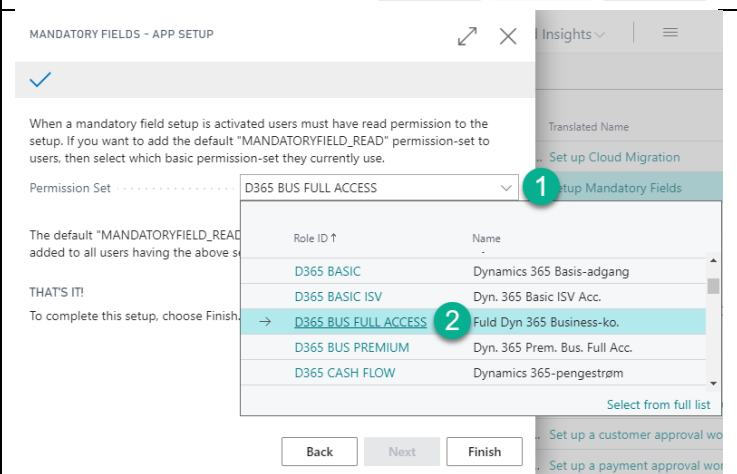
When a mandatory field setup is activated, all users must have permission to read the setup.

In this step of the wizard we select a permission set that all users currently have.

The setup will then assign, all users having the selected permission set, the proper permissions to read mandatory field setup.



In this guide, we select "D365 BUS FULL ACCESS"



Click Finish to complete the setup

MANDATORY FIELDS - APP SETUP ↗ ✕

✓

When a mandatory field setup is activated users must have read permission to the setup. If you want to add the default "MANDATORYFIELD_READ" permission-set to users, then select which basic permission-set they currently use.

Permission Set D365 BUS FULL ACCESS ▾

The default "MANDATORYFIELD_READ" permission-set for mandatory fields will be added to all users having the above selected permission-set.

THAT'S IT!

To complete this setup, choose Finish.

Back
Next
Finish

Back on the Assisted Setup page the "Setup of Mandatory Fields" will be set to status Completed.

Dynamics 365 Business Central
Sandbox 🔍 🌐 ? 🗨️

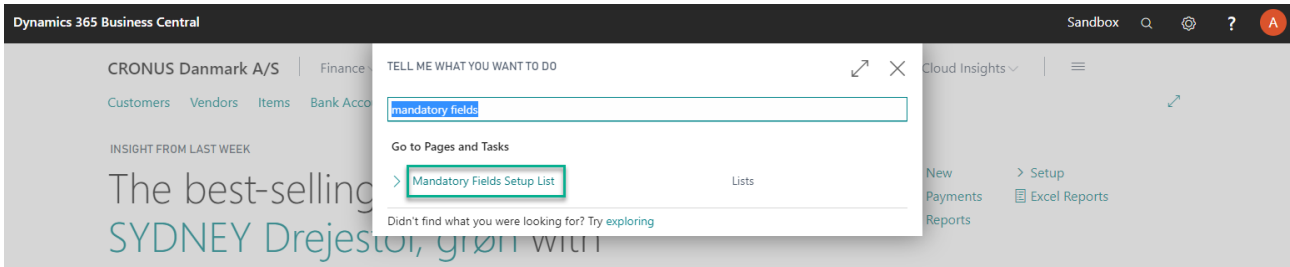
CRONUS Danmark A/S | Finance ▾ | Cash Management ▾ | Sales ▾ | Purchasing ▾ | **Setup & Extensions** ▾ | Intelligent Cloud Insights ▾ | ☰

Assisted Setup: All ▾ | 🔍 Search | 📄 Open in Excel | More options 🔍 📄 📄 ↗

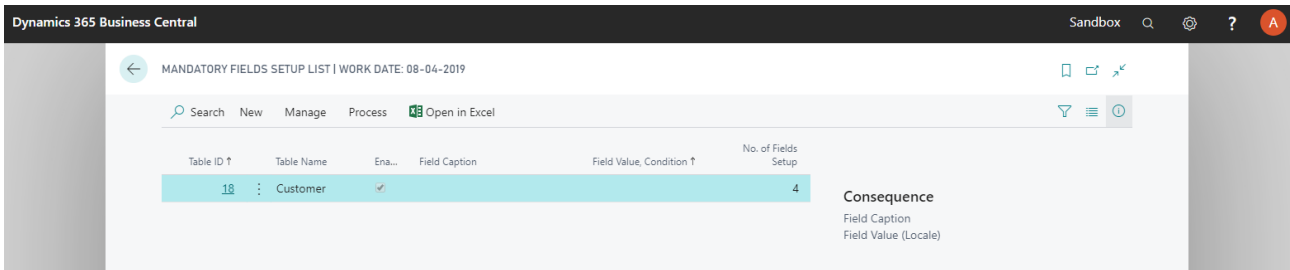
Name	Completed	Help	Video	Group	Translated Name
Set up Cloud Migration	<input type="checkbox"/>	-	-	Get started with Dyna...	Set up Cloud Migration
Setup Mandatory Fields	<input checked="" type="checkbox"/>	-	-	Install extensions to a...	Setup Mandatory Fields
Konfigurer min virksomhed	<input type="checkbox"/>	-	-	Get started with Dyna...	Konfigurer min virksomhed
Set up approval workflows	<input type="checkbox"/>	-	Watch	Customize settings to ...	Set up approval workflows
Set up email	<input type="checkbox"/>	Read	Watch	Customize settings to ...	Set up email
Set up your Business Inbox in Outlook	<input type="checkbox"/>	Read	Watch	Customize settings to ...	Set up your Business Inbox in Outlook
Migrate business data	<input type="checkbox"/>	Read	Watch	Get started with Dyna...	Migrate business data

How to setup - Manual Setup

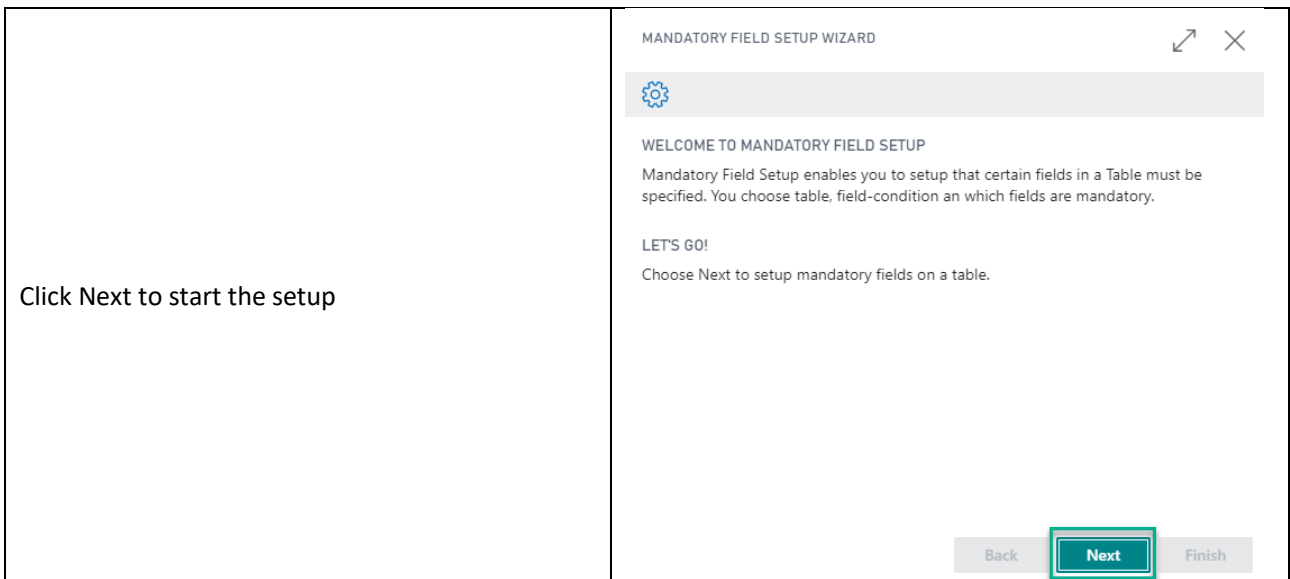
Manual setup, or just setup of new mandatory fields, can be done using the Mandatory Fields Setup. Access this page by using search.



The Mandatory Fields Setup List allows you to either view/edit existing field setups, or create a new setup.



Select the action “New” and then “Assisted Setup...” in the ribbon, which will open a Wizard that guides you through the setup process.



In this step, you choose on which table you want to setup mandatory fields.

Select if the setup should be enabled.

Optionally, you can select if a certain field and value should moderate if the fields are mandatory.

MANDATORY FIELD SETUP WIZARD

Start by selecting table, and optional a field with conditional value. In next step you will be able to specify which fields are mandatory.

Table ID 1

Table Name

Enabled 2

Field ID 3

Field Caption

Field Value, Condition

Back Next Finish

In this guide, we select the Vendor table.

We also select that the setup should only apply if "Country/Region Code" is "DE"

We also enables the setup.

Click Next.

MANDATORY FIELD SETUP WIZARD

Start by selecting table, and optional a field with conditional value. In next step you will be able to specify which fields are mandatory.

Table ID 23

Table Name Vendor

Enabled

Field ID 35

Field Caption Country/Region Code

Field Value, Condition DE

Back Next Finish

In this step, we specify which fields are mandatory.

Optionally you can select if each fields should have a specific value or should not have a certain value.

MANDATORY FIELD SETUP WIZARD

Below you can select which fields that are mandatory, and optionally which value each field should have.

Fields Setup

Required Field ID ↑	Required Field Caption	Equal To (Optional)
→ *		

Back Next Finish

In this guide, we select the field “Language Code” and sets the “Equal To” to value “ENU”

By this, we setup that if Vendor is German, the Language Code must be “ENU”. Then English translations will be used on reports.

MANDATORY FIELD SETUP WIZARD

Below you can select which fields that are mandatory, and optionally which value each field should have.

Fields Setup

Required Field ID ↑	Required Field Caption	Equal To (Optional)
→ 24	Language Code	ENU

Back Next Finish

Click Finish to complete the setup

MANDATORY FIELD SETUP WIZARD

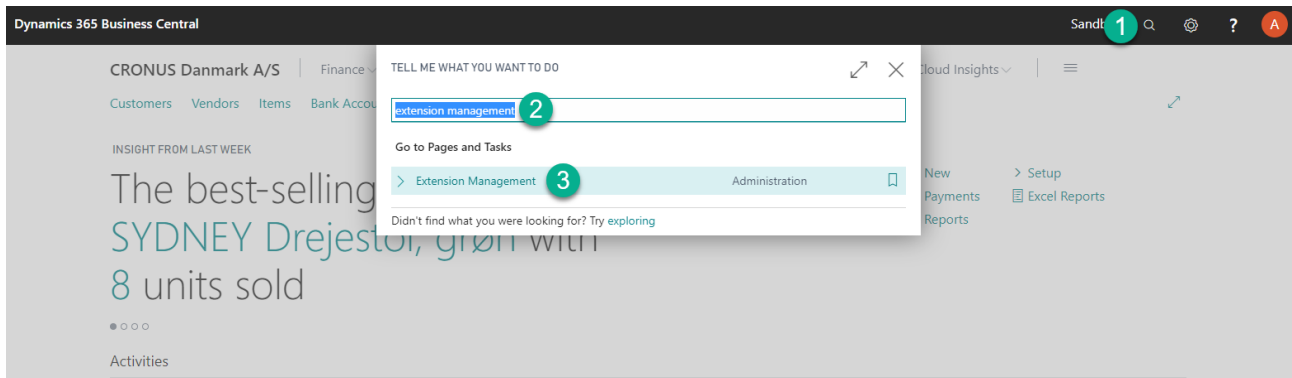
THAT'S IT!

To complete this setup, choose Finish.

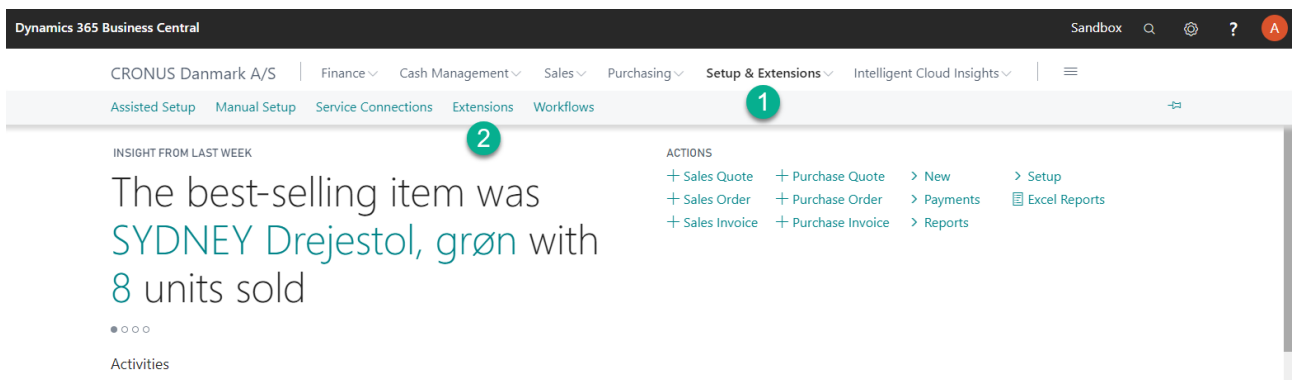
Back Next Finish

How to uninstall

Uninstall Mandatory Fields from the Extension Management Page. Access this page by using search.

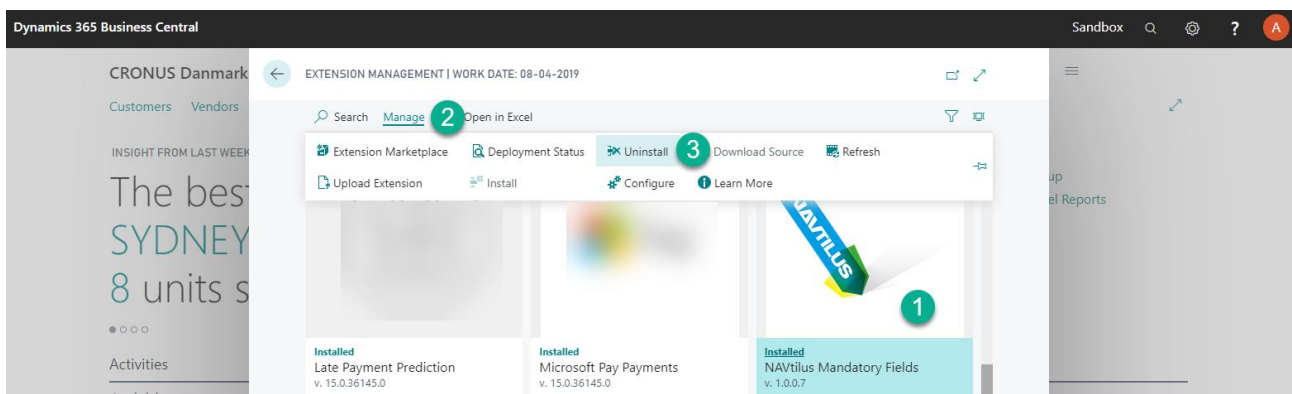


Page can also be accessed from the Business Manager Role Center, under the menu “Setup & Extensions”



Locate and select the line that reads “Mandatory Fields”.

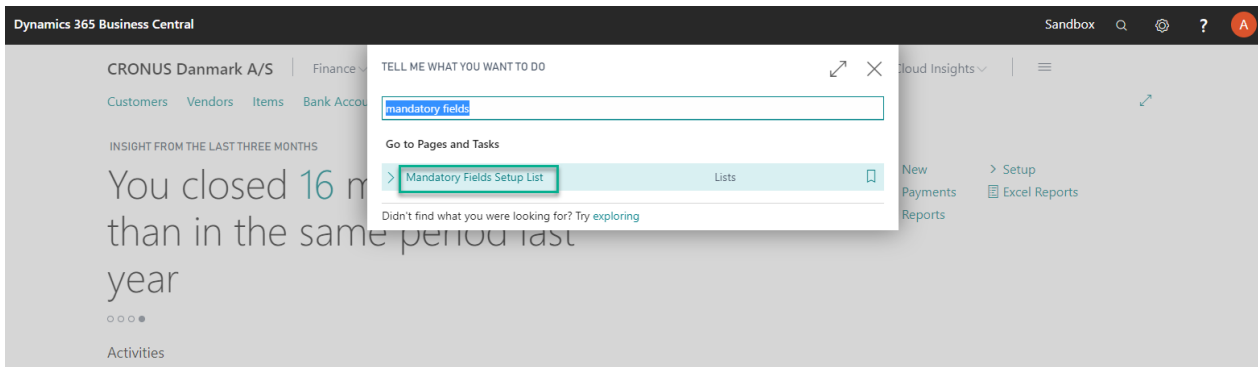
Select the action “Manage” and then “Uninstall” from the ribbon to remove the extension.



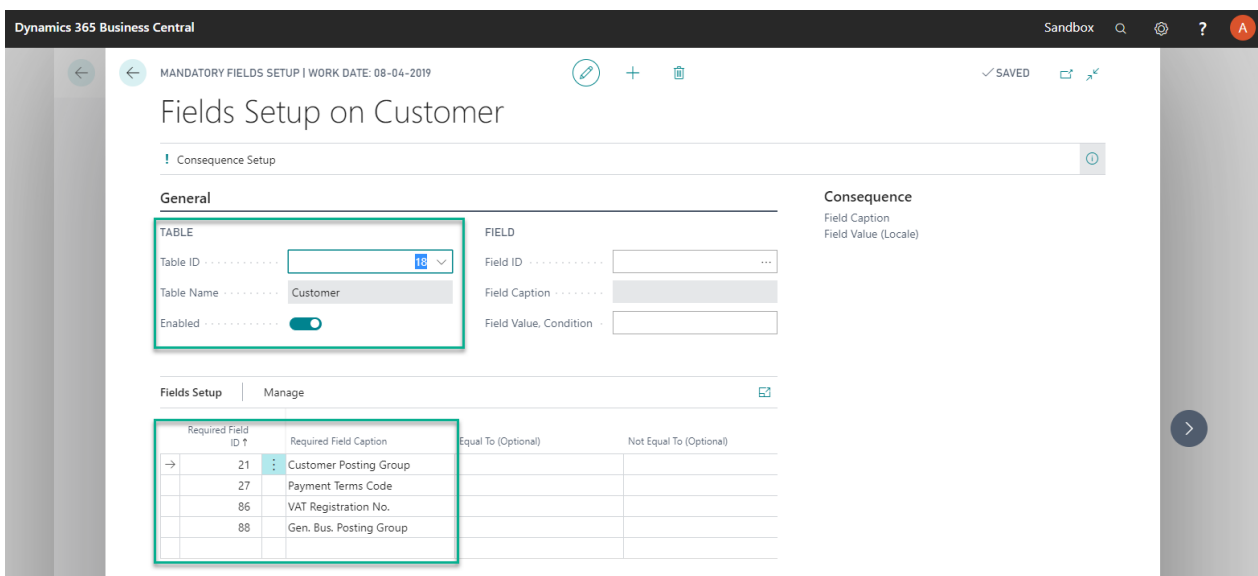
After successful un-installation users must logout and login again, to remove the extension.

Usage example 1: Customer

We open the Mandatory Field Setup. Access this page by using search.



Consider the following example of mandatory field setup.



The setup is on the Customer table, and requires that the following fields must be specified

- Customer Posting Group
- Gen. Bus. Posting Group
- Payment Terms Code
- VAT Registration No.






We open the Customer list page. Access this page from the Business Manager Role Center.

We select the first Customer on the list, and then the action "Edit" from the ribbon.

Dynamics 365 Business Central

CRONUS Danmark A/S | Finance | Cash Management | Sales | Purchasing | Setup & Extensions | Int

Customers: All | Search | + New | Delete | Process | Report | New Document | Customer | Navigate

	10000 Kontorcentralen A/S Robert Townes	62.940,00 62.940,00		20000 Ravel Møbler Helen Ray	88.016,25 81.322,50
	30000 Lauritzen Kontormøbler A/S Meagan Bond			40000 Litware, Inc. Ian Deberry	50.991,00 50.991,00
	50000 Relecloud Mathias Nilsson	30.162,00			

Manage

- View
- Edit**
- Delete

The Customer Card is shown

Dynamics 365 Business Central | Sandbox

CUSTOMER CARD | WORK DATE: 08-04-2019

10000 · Kontorcentralen A/S

New Document | Request Approval | Navigate | Customer | More options


General | Show more

No.	10000	Credit Limit (LCY)	0,00
Name	Kontorcentralen A/S	Blocked	
Balance (LCY)	62.940,00	Total Sales	437.626,00
Balance Due (LCY)	62.940,00	Costs (LCY)	223.639,00

Address & Contact | Show more

ADDRESS	CONTACT
Address	Carl Blochs Gade 7
Address 2	
Country/Region Code	DK
City	Nyborg
Post Code	5800
Contact Name	Robert Townes
Phone No.	
Email	robert.townes@contoso.com
Home Page	

Customer Picture



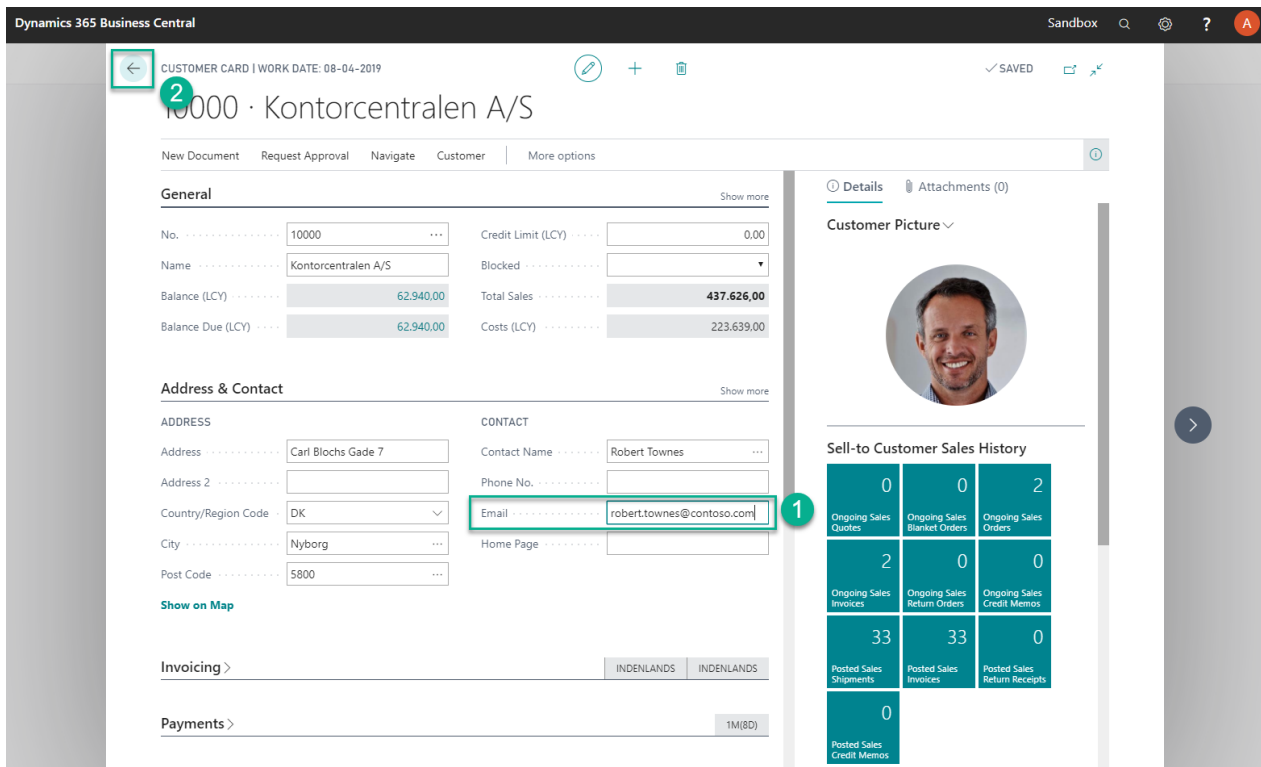
Sell-to Customer Sales History

0	0	2
Ongoing Sales Quotes	Ongoing Sales Blanket Orders	Ongoing Sales Orders
2	0	0
Ongoing Sales Invoices	Ongoing Sales Return Orders	Ongoing Sales Credit Memos
33	33	0
Posted Sales Shipments	Posted Sales Invoices	Posted Sales Return Receipts
0		
Posted Sales Credit Memos		

Invoicing > | INDENLANDS | INDENLANDS

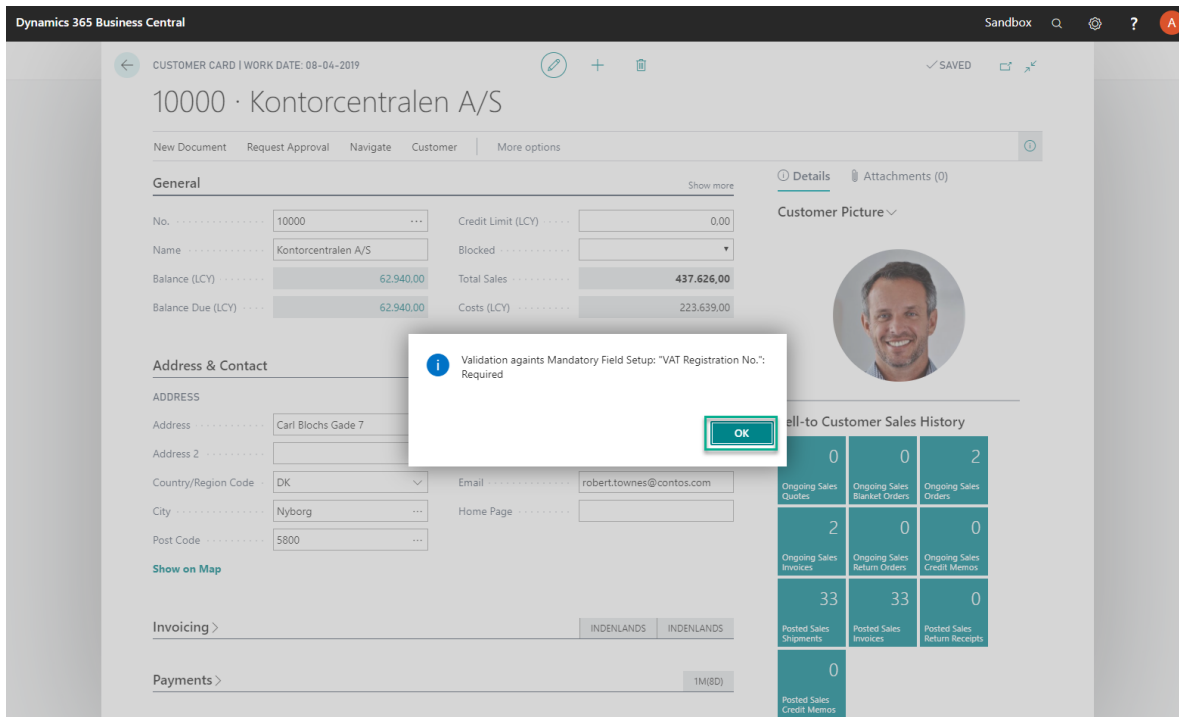
Payments > | 1M(8D)

We do any kind of update on the Customer. In this example, we update the field “Home Page” on the “Address & Contact” tab.



We close the page to save the changes.

Right away, we get a warning that the customer is not properly setup in accordance with the mandatory field setup for the Customer table.



Click Ok to close the message.

If we inspect the Customer, we can see that 3 out of the mandatory 4 fields are filled.

Address & Contact

Address	Carl Blochs Gade 7	Contact Name	Robert Townes
Address 2		Phone No.	
Country/Region Code	DK	Email	robert.townes@contos.com
City	Nyborg	Home Page	
Post Code	5800		

Invoicing

VAT Registration No.		Gen. Bus. Posting Group	INDENLANDS
Copy Sell-to Addr. to	Company	Customer Posting Group	INDENLANDS
Account Code		Customer Price Group	
Profile Code		Customer Disc. Group	
Profile Code Required	<input type="checkbox"/>		

Payments

Payment Terms Code	1M(8D)
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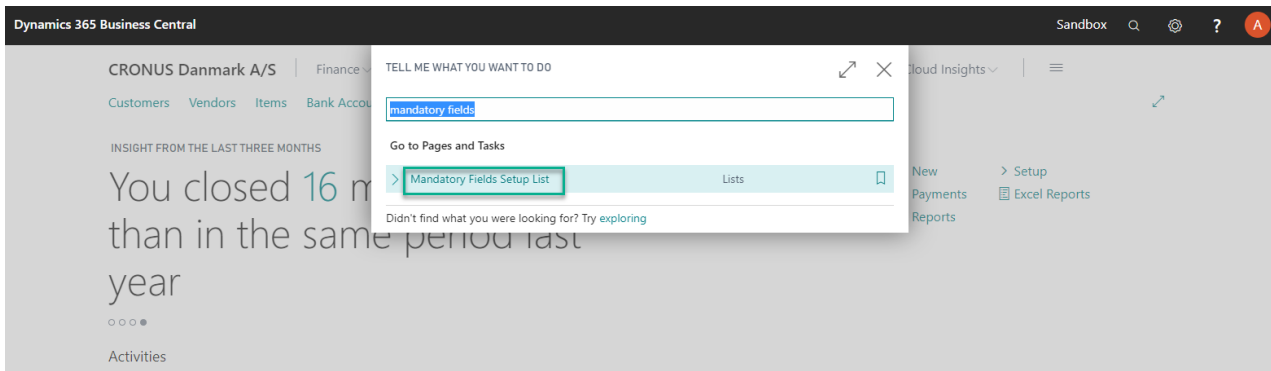
Sell-to Customer Sales History

Ongoing Sales Quoties	0	Ongoing Sales Blanket Orders	0	Ongoing Sales Orders	2
Ongoing Sales Invoices	2	Ongoing Sales Return Orders	0	Ongoing Sales Credit Memos	0
Posted Sales Shipments	33	Posted Sales Invoices	33	Posted Sales Return Receipts	0
Posted Sales Credit Memos	0				

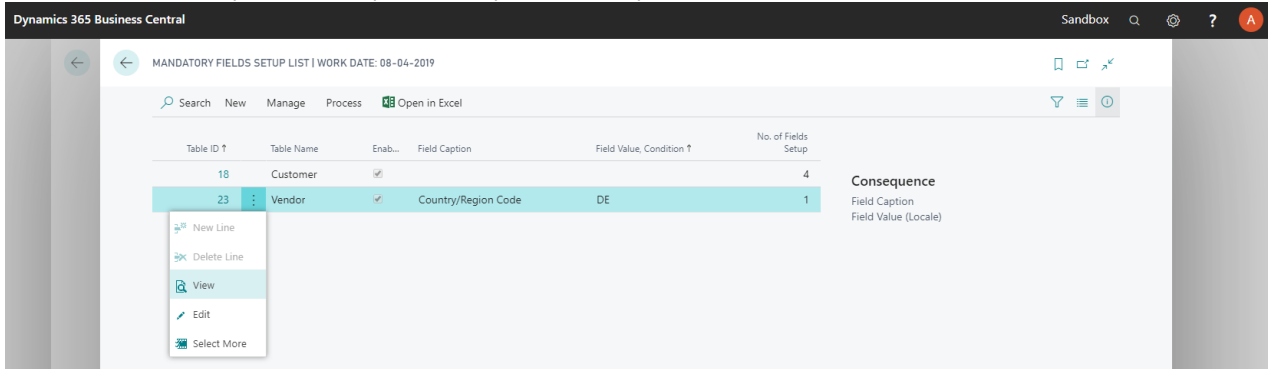
If you specify the missing fields, in this case "VAT Registration No.", then the validation against mandatory fields are successful.

Usage example 2: Vendor with a Consequence Setup

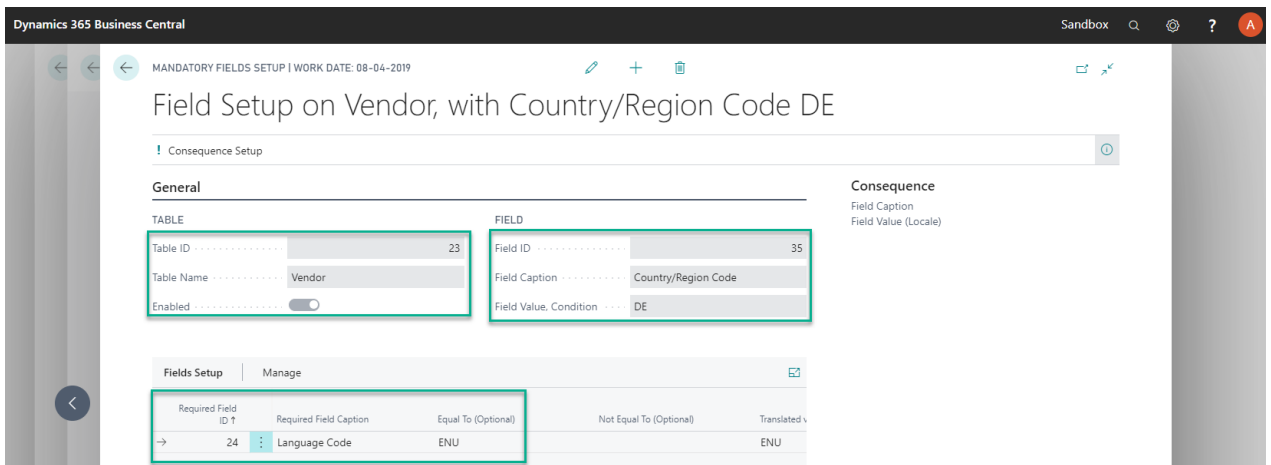
We open the Mandatory Field Setup. Access this page by using search.



From the Mandatory Fields Setup List we open the setup on Vendor.



Consider the following example of mandatory field setup.



The setup is on the Vendor table, and is active if;

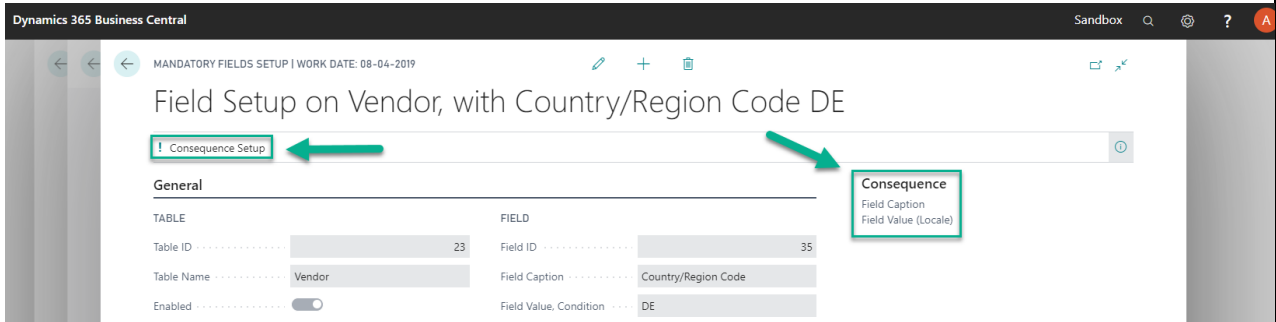
- "Country/Region Code" have the value "DE"

Then the following field are mandatory;

- "Language", must be equal to "ENU"

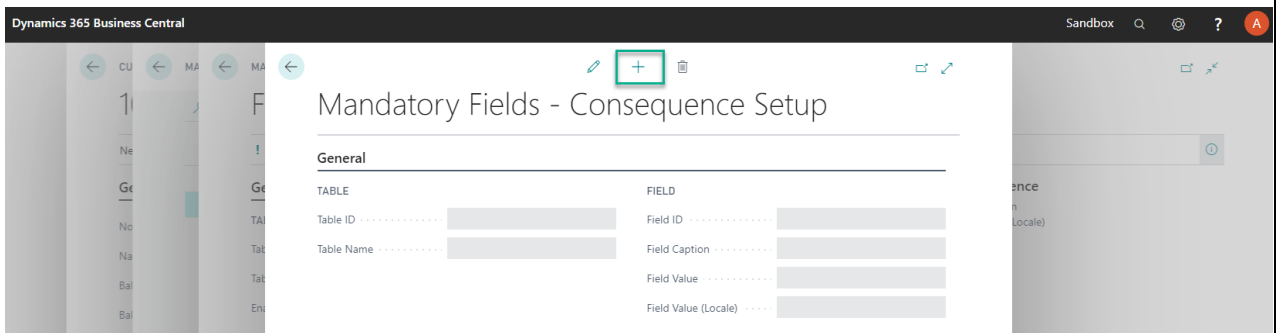
Additionally, we want to configure a Consequence if the mandatory field validation is not successful (when it is added it will show up in the FactBox).

Select the action "Consequence Setup" from the ribbon - to view, edit or create.

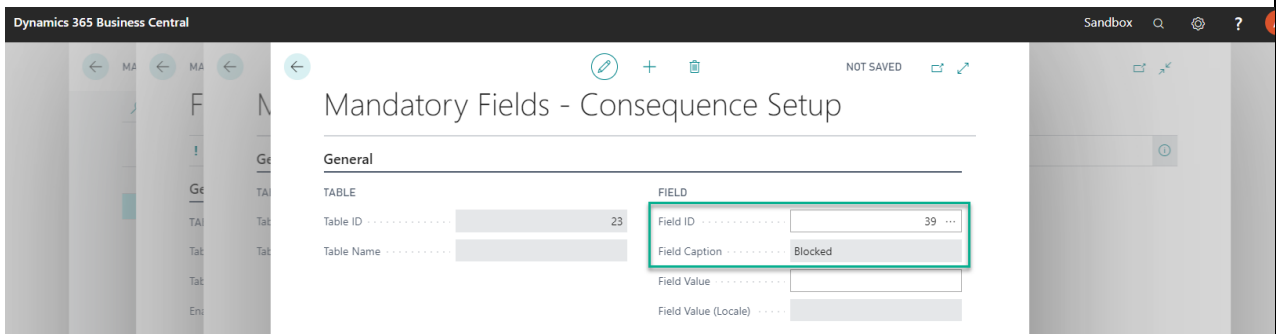


If the Consequence Setup is empty, we select the action "+" from the ribbon to create a new entry.

In the Table Section the field "Table ID" is automatically filled.

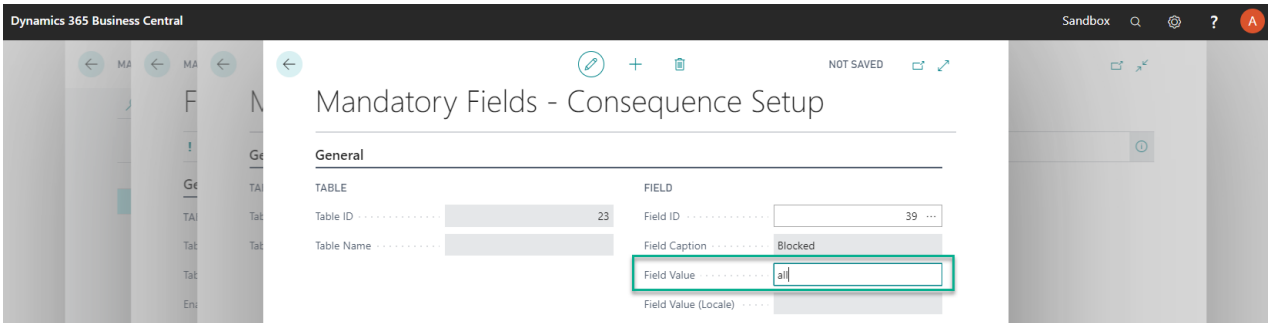


In "Field ID", we select the field "Blocked"

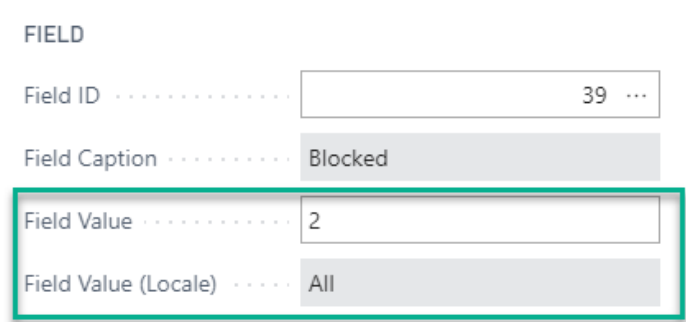


In “Field Value”, a valid input for the selected field must be provided. When using the option-field “Blocked” on Vendor it allows either; “”, “Payment” or “All” (without quotes).

In this case, we type “all” in the “Field Value” (without quotes), and hit the ENTER key, or click on another field to change focus.

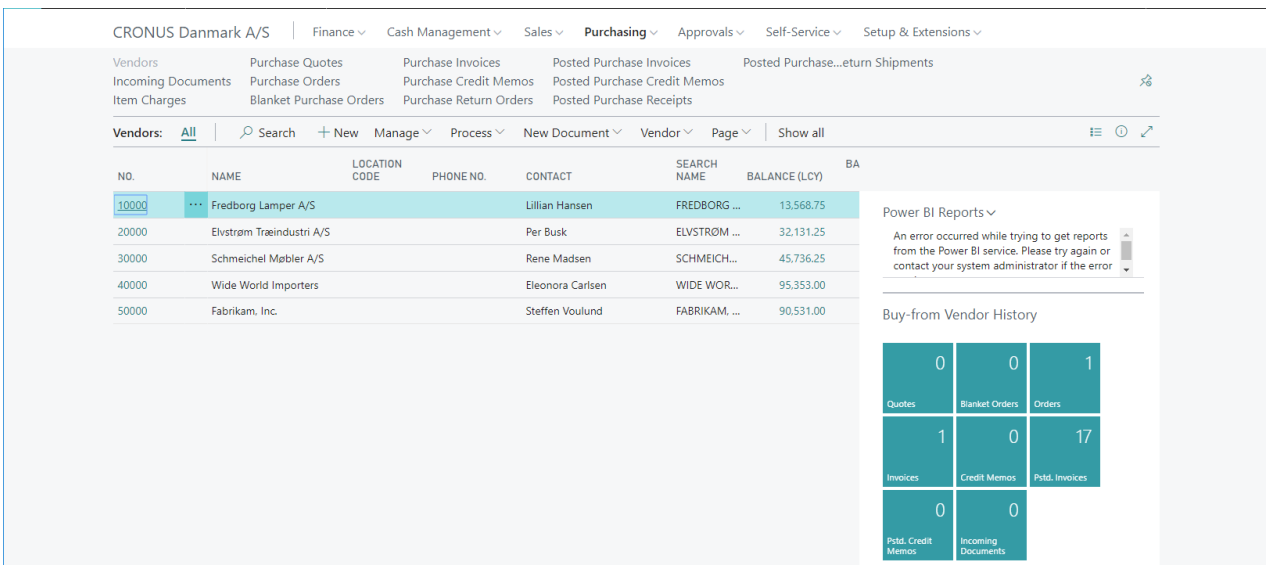


Right away, the value is translated and saved as a value that is independent of user’s current language setting. If we inspect the setup, the following is saved:



Close the setup and return to the Role Center.

We open the Vendor list page. Access this page from the Business Manager Role Center.



We create a Vendor from the list, by selecting the action “New” from the ribbon.

Dynamics 365 Business Central

CRONUS Danmark A/S | Finance | Cash Management | Sales | Purchasing | Setup & Extensions | Intelligent

Vendors: All | Search | **+ New** | Delete | Process | New Document | Vendor | Navigate | Open in Excel

10000 Fredborg Lamper A/S Krystal York	13.568,75 13.568,75	20000 Elvstrøm Træindustri A/S Evan McIntosh	32.131,25 32.131,25
30000 Schmeichel Møbler A/S Bryce Jasso	45.736,25 45.736,25	40000 Wide World Importers Toby Rhode	95.353,00 95.353,00
50000 Fabrikam, Inc. Raymond Hillard	90.531,00 90.531,00		

In this, we choose not to use a template, and simply select the first line and then clicks OK in the Template list.

Search | Open in Excel | More options

SELECT A TEMPLATE FOR A NEW VENDOR

Description
→ Tomt kreditorkort
Kontantbetalingskreditor (kontant, moms)
Privat kreditor (giro, ingen moms)
Business-to-business-kreditor (bank, moms)
EU-kreditor (EUR, bank)

OK Cancel

On the newly created Vendor we do the following

- 1) Enter a company name in the field "Name"
- 2) Select DE for Germany in the field "Country/Region Code"
- 3) Click "Show More" on the "Address & Contact" tab
- 4) Leave the field "Language Code" empty

We close the page to save the changes.

Right away, we get a warning that the vendor is not properly setup in accordance with the mandatory field setup for the Vendor table. The message also reads that Vendor, are automatically set to "All" in the field "Blocked".

Note: If vendor is already "All" in the field "Blocked", then the message is slightly different.

Click Ok to close the message.

If vendor card is reopened the Below the result is shown.

Dynamics 365 Business Central

VENDOR CARD | WORK DATE: 4/8/2019

K00010 · My test vendor

Process Request Approval New Document Navigate V

General

No. K00010 ...

Name My test vendor

Blocked All ▼

Address & Contact

ADDRESS

Address

Address 2

Country/Region Code ... DE ▼

City

Post Code

If you specify the missing field, in this case “Language Code” to value “ENU”, then the validation against mandatory fields are successful.

K00010 · My test vendor

Process Request Approval New Document Navigate Vendor More options

General

Show more

No. K00010 ... Balance (LCY) 0.00

Name My test vendor Balance Due (LCY) 0.00

Blocked All ▼

Address & Contact

ADDRESS

Address

Address 2

Country/Region Code ... DE

City

Post Code

Show on Map

Email

Fax No.

Home Page

Our Account No.

Language Code ENU ✓ ▼

Validation againsts Mandatory Field Setup: >> OK << Vendor are automatically set with: Blocked = ''

OK

Click Ok to close the message.

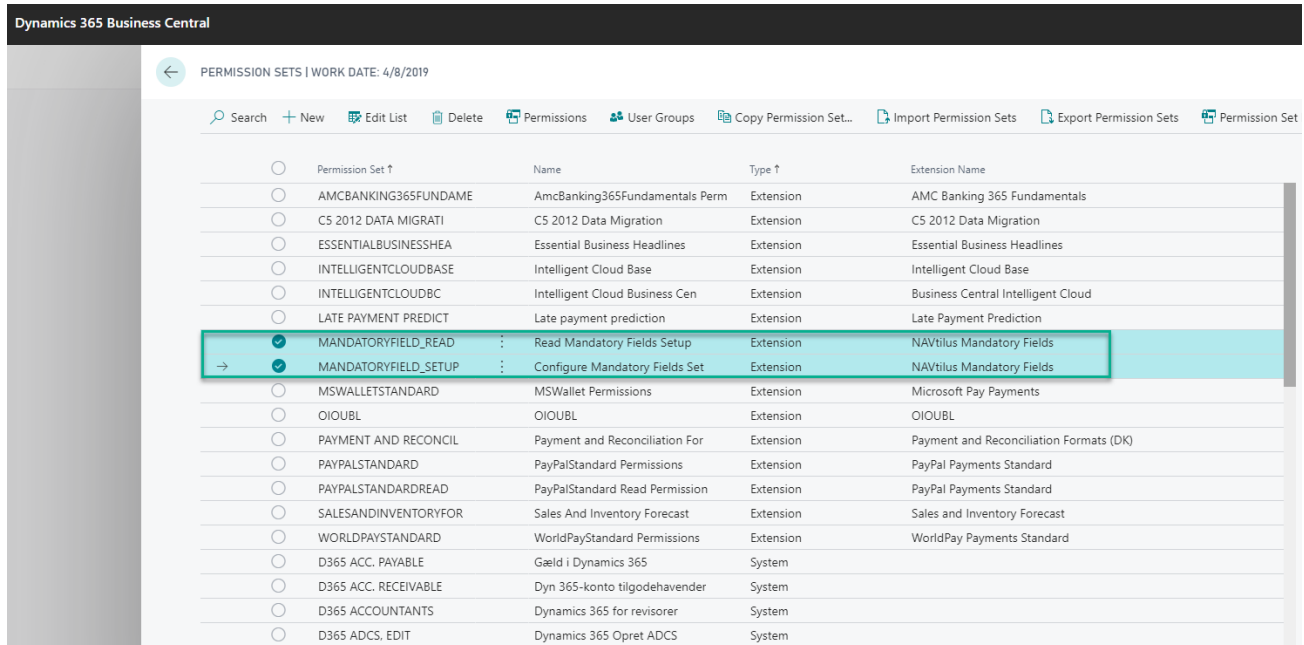
Additional information

The following is just additional documentation on the setup that is included with the App. Editing this setup is not expected.

Permission Set

There are two permission sets included with the extension.

- MANDATORYFIELD_READ
- MANDATORYFIELD_SETUP



The screenshot shows the 'PERMISSION SETS' page in Dynamics 365 Business Central. The page title is 'PERMISSION SETS | WORK DATE: 4/8/2019'. The table below lists various permission sets, with two rows highlighted in light blue: 'MANDATORYFIELD_READ' and 'MANDATORYFIELD_SETUP'. Both are of type 'Extension' and are associated with the 'NAVtilus Mandatory Fields' extension.

Permission Set ↑	Name	Type ↑	Extension Name
<input type="radio"/>	AMCBANKING365FUNDAME	AmcBanking365Fundamentals Perm	AMC Banking 365 Fundamentals
<input type="radio"/>	C5 2012 DATA MIGRATI	C5 2012 Data Migration	C5 2012 Data Migration
<input type="radio"/>	ESSENTIALBUSINESSHEA	Essential Business Headlines	Essential Business Headlines
<input type="radio"/>	INTELLIGENTCLOUDBASE	Intelligent Cloud Base	Intelligent Cloud Base
<input type="radio"/>	INTELLIGENTCLOUDBC	Intelligent Cloud Business Cen	Business Central Intelligent Cloud
<input type="radio"/>	LATE PAYMENT PREDICT	Late payment prediction	Late Payment Prediction
<input checked="" type="radio"/>	MANDATORYFIELD_READ	Read Mandatory Fields Setup	NAVtilus Mandatory Fields
<input checked="" type="radio"/>	MANDATORYFIELD_SETUP	Configure Mandatory Fields Set	NAVtilus Mandatory Fields
<input type="radio"/>	MSWALLETSTANDARD	MSWallet Permissions	Microsoft Pay Payments
<input type="radio"/>	OIOUBL	OIOUBL	OIOUBL
<input type="radio"/>	PAYMENT AND RECONCIL	Payment and Reconciliation For	Payment and Reconciliation Formats (DK)
<input type="radio"/>	PAYPALSTANDARD	PayPalStandard Permissions	PayPal Payments Standard
<input type="radio"/>	PAYPALSTANDARDREAD	PayPalStandard Read Permission	PayPal Payments Standard
<input type="radio"/>	SALESANDINVENTORYFOR	Sales And Inventory Forecast	Sales and Inventory Forecast
<input type="radio"/>	WORLDPAYSTANDARD	WorldPayStandard Permissions	WorldPay Payments Standard
<input type="radio"/>	D365 ACC. PAYABLE	Gæld i Dynamics 365	System
<input type="radio"/>	D365 ACC. RECEIVABLE	Dyn 365-konto tilgodehavender	System
<input type="radio"/>	D365 ACCOUNTANTS	Dynamics 365 for revisorer	System
<input type="radio"/>	D365 ADCS. EDIT	Dynamics 365 Opret ADCS	System

All users should be assigned the “MANDATORYFIELD_READ” permission set directly or through a User Group.

All users who are allowed to update mandatory field setup should be assigned the “MANDATORYFIELD_SETUP” permission set.

Any user who is allowed to run the Assisted Setup Wizard requires the “MANDATORYFIELD_SETUP” permission set.

Any user who has either the “SUPER” or “SUPER (DATA)” permission set, already has access to all tables and setup of Mandatory Fields.

User Group

There are one User Group included with the extension.

- MANDATORYFIELD_READ

The screenshot shows the Dynamics 365 Business Central interface. The main area displays a table of user groups. The table has three columns: Code, Name, and Default Profile. The 'MANDATORYFIELD_READ' user group is highlighted in blue. The details panel on the right shows the 'Permission Sets' section with 'MANDATORYFIELD_READ' selected. Below this, the 'Members' section is empty, indicating no users are assigned to this permission set.

Code	Name	Default Profile
D365 ACCOUNTANTS	Dynamics 365 for revisorer	-
D365 ADMINISTRATOR	Opret og opsæt virksomheder	BUSINESS MANAGER
D365 BACKUP/RESTORE	Sikkerhedskopier/gendan datab.	BUSINESS MANAGER
D365 BASIC ISV	D365 Basic ISV-adgang	BUSINESS MANAGER
D365 BUS FULL ACCESS	Fuld Business-adg., undtagen brugeradministration	BUSINESS MANAGER
D365 BUS PREMIUM	D365 Premium Business-adgang	BUSINESS MANAGER
D365 EXT. ACCOUNTANT	Ekstern bogholder	ACCOUNTANT
D365 EXTENSION MGT	Dynamics 365-udvidelsesstyring	BUSINESS MANAGER
D365 FIN. & PURCH.	Finans- og købsdata	ACCOUNTANT
D365 FINANCE	Læs og skriv finansdata	ACCOUNTANT
D365 FULL ACCESS	Fuld Dynamics 365-adg	BUSINESS MANAGER
D365 GLOBAL DIM MGT	Rediger glob. dim. i Dyn. 365	BUSINESS MANAGER
D365 INTERNAL ADMIN	Eksporter data	BUSINESS MANAGER
D365 OPPORTUNITY MGT	Styring af salgsmuligheder	SALES AND RELATIONSHIP MANAGER
D365 RAPIDSTART	Dynamics 365 RapidStart	BUSINESS MANAGER
D365 SALES	Bogfør salgsdok.	ORDER PROCESSOR
D365 SECURITY	Brugeradministration	SECURITY ADMINISTRATOR
D365 TEAM MEMBER	Teammedlem	TEAM MEMBER
D365 TROUBLESHOOT	D365-fejlfinding	BUSINESS MANAGER
INTELLIGENT CLOUD	IntelligentCloud - alle data	BUSINESS MANAGER
→ READ MANDATORYFIELD	Read mandatory fields setup	-

The User Group can be used to assign users the “MANDATORYFIELD_READ” permission set. (Described in the section “Permission Set”)