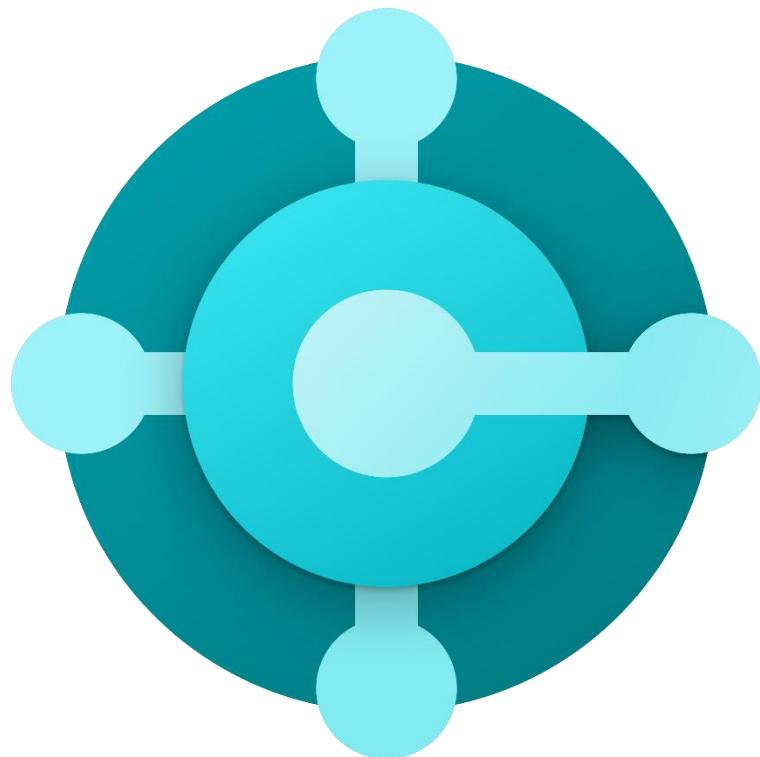


Manual:

Mandatory fields



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Index

1.	INTRODUCTION	3
1.1	What does it include?	3
Configuration Tables	3	
Codeunit	3	
Pages	3	
Page Extensions	3	
1.2	Is it complex to add the validation to new pages?	4
Card-type pages (without lines)	4	
Document-type pages (with lines).....	4	
1.3	Limitations	6
2.	Setup.....	7
3.	FUNCIONALITY.....	9

1. INTRODUCTION

The “Mandatory Fields” extension provides the ability to configure fields as mandatory on any page, so that the user is shown a warning when leaving the page, reminding them which fields should be completed.

1.1 What does it include?

The extension consists of the following components:

Configuration Tables

MFTableSetup: used to parameterize the tables to be monitored.

MFTableFieldSetup: used to parameterize the fields of the tables to be monitored.

Codeunit

MFFieldsControl: contains all the functions required to perform the validations.

Pages

MFTableSetup: page corresponding to the table of the same name.

MFTableFieldSetup: page corresponding to the table of the same name.

MFTableFieldSelector: page used to manage table fields.

Page Extensions

MFErrorMessagesPart: extends the error management page to display to the user all the necessary information required to correct the error.

Extensions on commonly used pages:

MFCustomerCard: Extension of the Customer Card to add validation when closing the page.

MFIItemCard: Extension of the Item Card to add validation when closing the page.

MFVendorCard: Extension of the Vendor Card to add validation when closing the page.

Extension on pages with lines:

MFSalesOrder: extension of the Sales Order page to add validation when closing the page, both for the document header and its lines.

1.2 Is it complex to add the validation to new pages?

The extension has been designed to make the addition of new pages as simple as possible, enabling rapid implementation. You only need to create a new page extension and paste the code that matches the page type.

Card-type pages (without lines)

This type of page is very straightforward. Simply copy and paste the code into your page extension; the MFFieldsControl codeunit will take care of the rest.

```
trigger OnQueryClosePage(CloseAction: Action): Boolean
var
    MFFieldsControl: Codeunit MFFieldsControl;
    recRef: RecordRef;
begin
    recRef.Get(Rec.RecordId);
    MFFieldsControl.ControlFields(recRef);
end;
```

```
pageextension 50402 MFItemCard extends "Item Card"
{
    trigger OnQueryClosePage(CloseAction: Action): Boolean
    var
        MFFieldsControl: Codeunit MFFieldsControl;
        recRef: RecordRef;
    begin
        recRef.Get(Rec.RecordId);
        MFFieldsControl.ControlFields(recRef);
    end;
}
```

Document-type pages (with lines)

This type of page requires a slight adaptation. Copy and paste the code into your page extension. In this case, the salesLine variable must be adapted to the table that represents the document lines you want to validate, and the necessary filters must be applied.

```

trigger OnQueryClosePage(CloseAction: Action): Boolean
var
    MFFieldsControl: Codeunit MFFieldsControl;
    recRef: RecordRef;
    salesline: Record "Sales Line";
    lineErrors: Record "Error Message" temporary;
begin
    //Control for Header
    recRef.Get(Rec.RecordId);
    MFFieldsControl.ControlFields(recRef);
    salesline.Reset();
    salesline.SetRange("Document Type", Rec."Document Type");
    salesline.SetRange("Document No.", Rec."No.");
    if salesline.FindSet() then
        repeat
            //Control for each line
            recRef.Get(salesline.RecordId);
            MFFieldsControl.ControlFieldsLines(recRef, lineErrors);
            until salesline.Next() = 0;
    if lineErrors.Count > 0 then
        Page.RunModal(Page::"Error Messages Part", lineErrors)
end;

```

```

pageextension 50403 MFSalesOrder extends "Sales Order"
{
    trigger OnQueryClosePage(CloseAction: Action): Boolean
    var
        MFFieldsControl: Codeunit MFFieldsControl;
        recRef: RecordRef;
        salesline: Record "Sales Line";
        lineErrors: Record "Error Message" temporary;      You, last mo
    begin
        //Control for Header
        recRef.Get(Rec.RecordId);
        MFFieldsControl.ControlFields(recRef);
        salesline.Reset();
        salesline.SetRange("Document Type", Rec."Document Type");
        salesline.SetRange("Document No.", Rec."No.");
        if salesline.FindSet() then
            repeat
                //Control for each line
                recRef.Get(salesline.RecordId);
                MFFieldsControl.ControlFieldsLines(recRef, lineErrors);
            until salesline.Next() = 0;
        if lineErrors.Count > 0 then
            Page.RunModal(Page::"Error Messages Part", lineErrors)
    end;
}

```

1.3 Limitations

The extension allows mandatory fields to be parameterized by table, which is very useful for master data tables (items, customers, vendors, fixed assets, accounts, etc.). However, it does not support filters. As a result, for the validation of purchase and sales documents—where quote, order, and invoice tables are shared—it is not possible to apply different criteria to each document type.

2. Setup

Once the extension has been installed, access “Mandatory Fields Table Setup”.

Tell me what you want to do

mandatory f

Go to Pages and Tasks

> Mandatory Fields Table Setup Lists

The tables for which mandatory fields need to be parameterized must be added.

Mandatory Fields Table Setup

Table No ↑	Table Name
18	: Customer
23	Vendor
27	Item
36	Sales Header
37	Sales Line

Once the tables have been added, access the “Field Setup” action, where it will be possible to configure the fields of the table that are to be set as mandatory.

Mandatory Fields Table Field Setup

Field No ↑	Field Name
27	Payment Terms Code
31	Shipping Agent Code
→	⋮

To facilitate field management, access the field configuration through the assist edit (...) of the “Field No.” field. This will open the field management page.

Mandatory Fields Table Field Selector



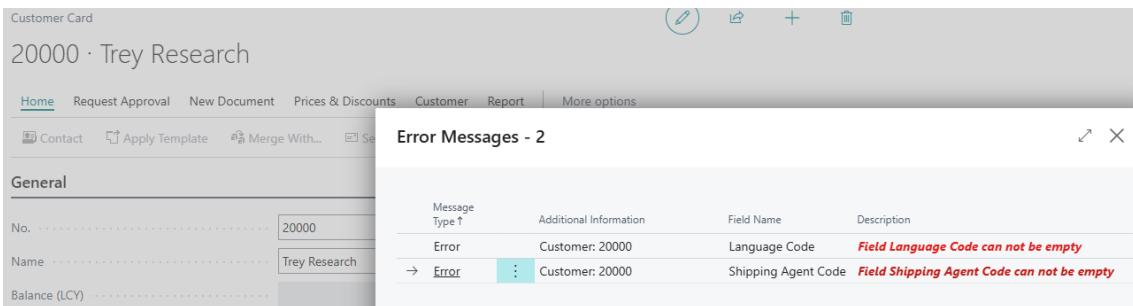
	No. ↑	Field Caption	Already added
<input type="radio"/>	20	Credit Limit (LCY)	<input type="checkbox"/>
<input type="radio"/>	21	Customer Posting Group	<input type="checkbox"/>
<input type="radio"/>	22	Currency Code	<input type="checkbox"/>
<input type="radio"/>	23	Customer Price Group	<input type="checkbox"/>
<input checked="" type="radio"/>	24	Language Code	<input type="checkbox"/>
<input type="radio"/>	25	Registration No.	<input type="checkbox"/>
<input type="radio"/>	26	Statistics Group	<input type="checkbox"/>
<input type="radio"/>	27	Payment Terms Code	<input checked="" type="checkbox"/>
<input type="radio"/>	28	Fin. Charge Terms Code	<input type="checkbox"/>
<input type="radio"/>	29	Salesperson Code	<input type="checkbox"/>
<input type="radio"/>	30	Shipment Method Code	<input type="checkbox"/>
<input type="radio"/>	31	Shipping Agent Code	<input checked="" type="checkbox"/>
<input type="radio"/>	32	Place of Export	<input type="checkbox"/>
<input type="radio"/>	33	Invoice Disc. Code	<input type="checkbox"/>
<input type="radio"/>	34	Customer Disc. Group	<input type="checkbox"/>
<input checked="" type="radio"/>	35	Country/Region Code	<input type="checkbox"/>
<input type="radio"/>	36	Collection Method	<input type="checkbox"/>

On the field selection page, the fields that are already defined as mandatory for the table will be marked as “Already added”.

Select the fields you want to add or remove as mandatory and choose the corresponding action: “Add Fields” or “Remove Fields.”

3. FUNCIONALITY

When leaving a page to which this functionality has been added, the system will check whether the fields configured as mandatory have been correctly filled. If not, the user will be shown a list of the fields that should be completed on the page.



The process does not block the user; it only displays, for informational purposes, the fields that are still pending completion.

In the case of pages with lines, two error lists will be displayed: the first for the header fields, and the second for the line fields, identifying for each line which fields are still pending completion.

