



**Dynamics**  
Shop

# User Guide for Microsoft Dynamics 365 Business Central

**Product:** SD Interface Banking

**Release:** D365 BC V24+

**Revision:** October 2024

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## 2 Getting Started

SD Interface Banking consists of the following pre-defined banking export/import formats (Figure 2-1):

Bank Name	Bank Code	Message Type	Credit Transfer	Direct Debit	Statement
Allied Irish Banks	AIBK	SEPA	Yes	Yes	Yes
Bank Of Ireland	BOFI	SEPA	Yes	Yes	Yes
Bank Of Ireland	BOFI	BACS	Yes		
Barclays Bank Plc	BARC	SEPA	Yes		Yes
Barclays Bank Plc	BARC	BACS	Yes		
BNP PARIBAS	BNPA	SEPA	Yes		
BNP PARIBAS	BNPA	OTHER	Yes		
Citibank Europe	CITI	SEPA	Yes	Yes	Yes
Citibank Europe	CITI	BACS	Yes		
Citibank Europe	CITI	WIRE	Yes		
Citibank Europe	CITI	ACH		Yes	
Danske Bank	DABA	SEPA	Yes	Yes	Yes
Danske Bank	DABA	BACS	Yes		
HSBC	HSBC	SEPA	Yes		
HSBC	HSBC	BACS	Yes		
NatWest	NWBK	SEPA	Yes		Yes
Coutts	COUT	BACS	Yes	Yes	
Royal Bank of Scotland	RBOS	OTHER			Yes
Ulster Bank	ULSB	SEPA	Yes	Yes	Yes
ING Bank	INGB	MT940			Yes
ING Bank	INGB	MT940N			Yes

Figure 2-1

**Note:** Coutts PT-X (Bottom Line Technology) for BACS CT and Coutts PT-X (Bottom Line Technology) for BACS DD

SD Interface Banking allows the user to specify the above banking formats against a bank for collections, payments and statement imports in Microsoft Dynamics 365 Business Central.

With SD Interface Banking you can also setup H2H Connectivity with your banks.

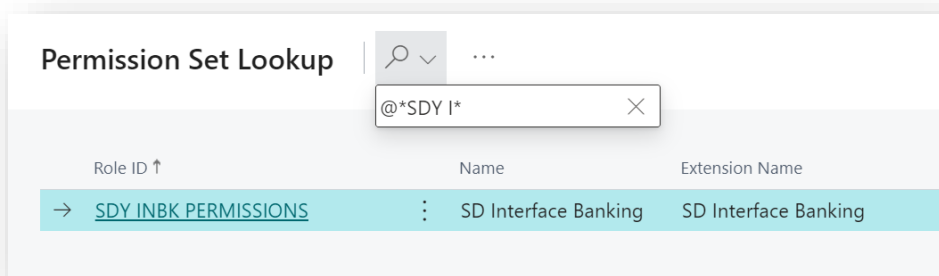
### 3 Installing SD Interface Banking

**SD Interface Banking** is available to download from AppSource or you can install the app from within Business Central using Extension Marketplace.

The **Allow HttpClient Requests** option is automatically enabled on install of SD Interface Banking. Switching on the **Allow HttpClient Requests** option for SD Interface Banking in **Extension Management** allows SD Interface Banking to call an API that sends and returns licence key information to activate the product licence.

#### 3.1 Security Setup

We have provided the following permission set for SD Interface Banking: SDY INBK PERMISSIONS (*Figure 3-1*).



*Figure 3-1*

We have also created extensions on the following standard Microsoft Dynamics 365 Business Central Permissions:

- D365 BUS FULL ACCESS includes the SDY INBK PERMISSIONS permission set.

### 3.2 Choosing the SD Interface Banking Role

1. From your Dynamics 365 Business Central Web Client, in the app bar, select the **Settings** icon and then select **My Settings** (Figure 3-2).

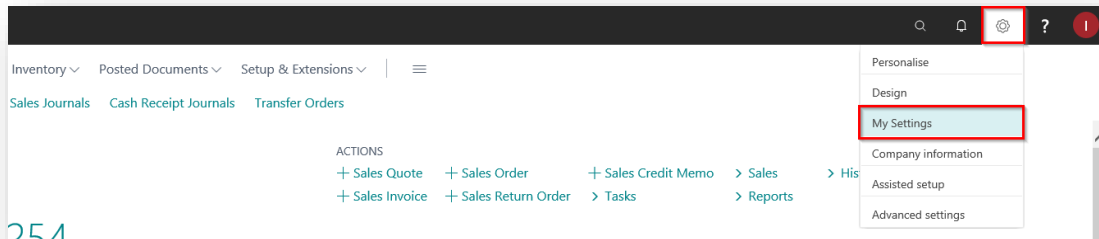


Figure 3-2

2. In the **My Settings** page, on the **Role** field, select the **AssistEdit** icon (Figure 3-3).

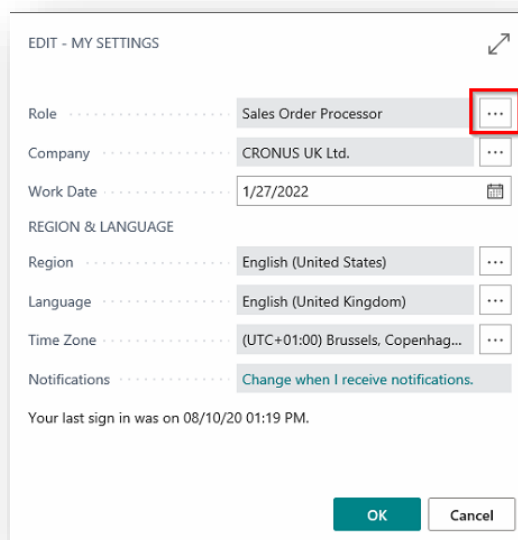


Figure 3-3

3. You should see **SD Interface Banking** in the list of Roles.
4. Choose **SD Interface Banking** and click **OK**.

5. The **SD Interface Banking** Role should now be displayed in the **Role** field. Click **OK** to close the **My Settings** page (Figure 3-4).

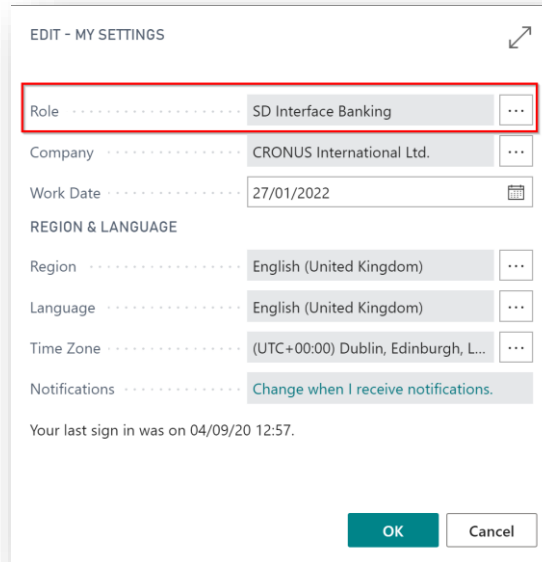


Figure 3-4

### 3.3 Accessing the SD Interface Banking Pages

Use the **Tell Me** to search for SD Interface Banking pages. Begin typing **SD**, **SDY**, or **Interface** to see a list of the SD Interface Banking pages (Figure 3-5).

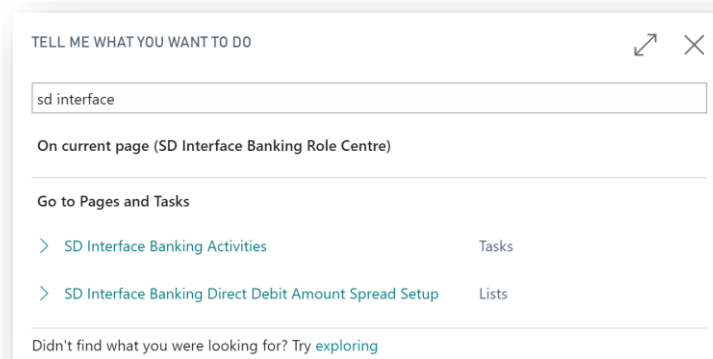


Figure 3-5

### 3.4 Activating the SD Interface Banking Licence

To use **SD Interface Banking**, you must activate the licence. On first install of the App, you are prompted to Activate your Free Trial.

1. From the SD Interface Banking Role Centre, choose the **Product Activation** or choose the **Activate Free Trial** in the notification. You are prompted to validate your licence. Choose **Yes** (Figure 3-6).

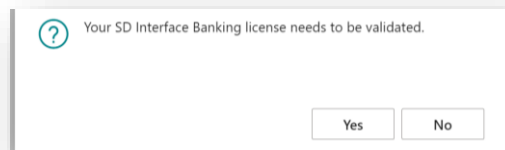


Figure 3-6

2. You will then see the **Activate your product** page.

#### 3.4.1 Activating the SD Interface Banking Licence with a Free Trial

If you have not received a Product Key from Simply Dynamics Ltd. and want to avail of a free 30 day trial:

1. In the **Activate your Product** page (Figure 3-7).  
Enter your company name in **Company Name**.  
Enter your company email in **Email**.  
Choose **Free Trial**.

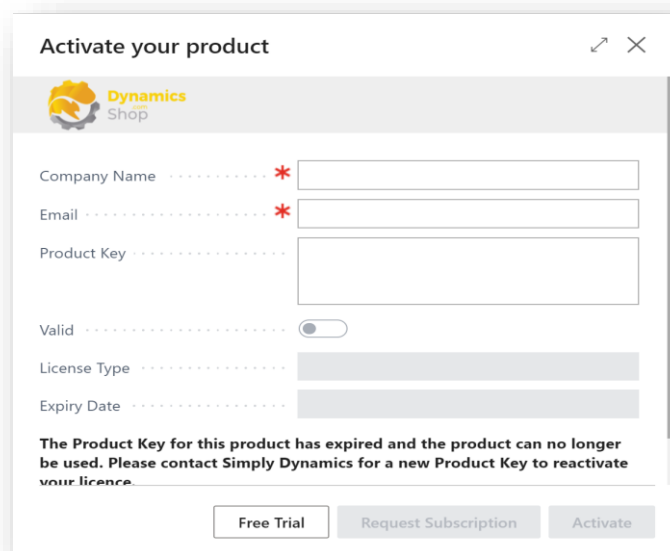


Figure 3-7

2. You are then prompted to choose **Yes** to activate your free trial (*Figure 3-8*).

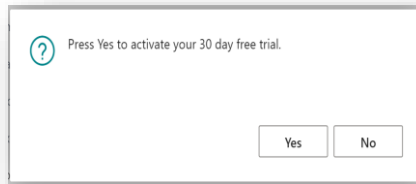


Figure 3-8

3. The **Activate your product page** will update to display a message that the activation was successful. The expiry date will depend on the date that you activated your free trial (*Figure 3-9*).

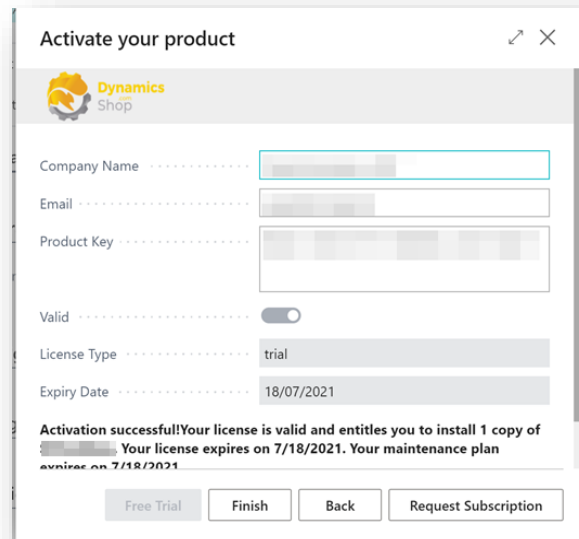


Figure 3-9

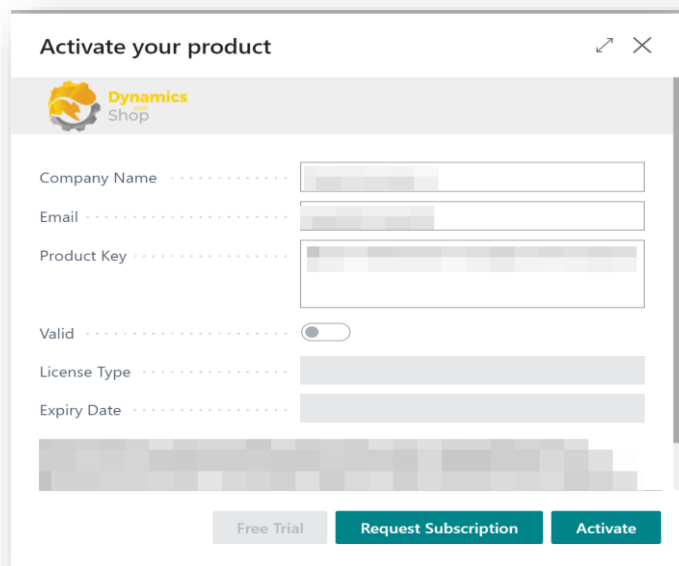
4. Choose **Finish** to exit the page.
5. When your Free Trial has expired, choose **Request Subscription** to request a Product Key from Simply Dynamics.



### 3.4.2 Activating the SD Interface Banking Licence with a Product Key

Take the following steps if you have received a Product Key from Simply Dynamics Ltd.:

1. In the **Activate Your Product** page (*Figure 3-10*)  
Enter your company name in **Company Name**.  
Enter your company email in **Email**.  
Paste the supplied product key into the **Product Key** field. **Tab off the Product Key field to validate the contents of the field and to enable the Activate key**. Choose **Activate**.



The screenshot shows a web form titled "Activate your product" with the Dynamics Shop logo. The form contains the following fields and controls:

- Company Name: Text input field
- Email: Text input field
- Product Key: Text input field
- Valid: Toggle switch (currently off)
- License Type: Text input field
- Expiry Date: Text input field

At the bottom of the form, there are three buttons: "Free Trial" (disabled), "Request Subscription" (active), and "Activate" (active).

Figure 3-10

2. The **Activate your product** page will update to display a message that the activation was successful. The expiry date will depend on the date that you activated your free trial.
3. Choose **Finish** to exit the page.

## 4 SD Interface Banking

### 4.1 Setup

Import the default setup for each supported bank format in SD Interface Banking by choosing the **Apply Default Setup** action in the **SD Interface Banking Setup** card (Figure 4-1).

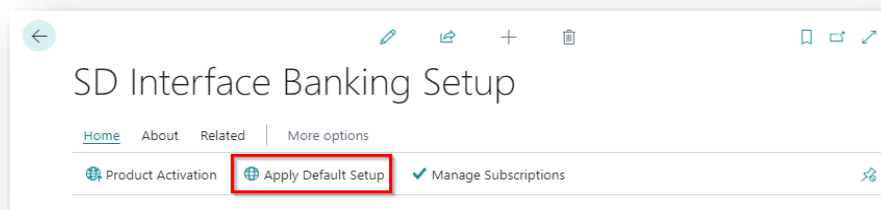


Figure 4-1

The bank formats and the data exchange definitions can be viewed from the **SD Interface Banking Role Centre** or from the **Setup** card, or, by searching for the **Bank Export/Import Setup** page or the **Data Exchange Definitions** page in the **Tell Me** (Figure 4-2).

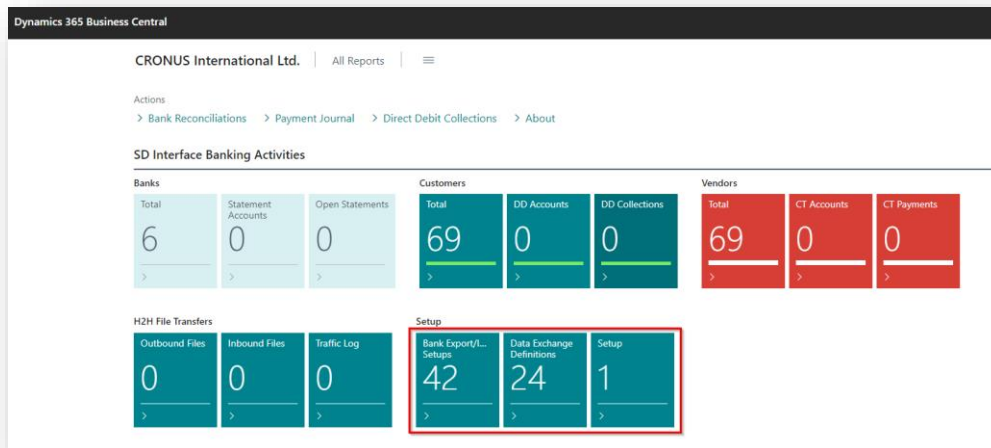
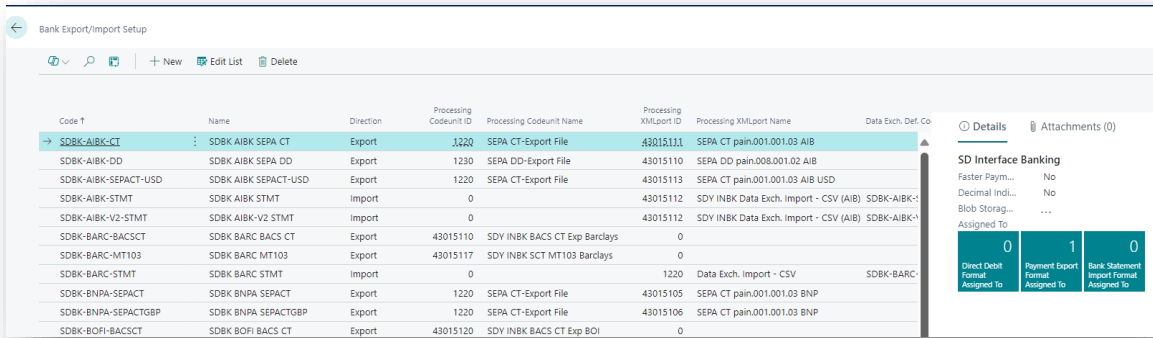


Figure 4-2

In the **Bank export/Import Setup** page, the SD Interface Banking formats are prefixed with **SDBK-** (Figure 4-3).



Code #	Name	Direction	Processing Codeunit ID	Processing Codeunit Name	Processing XMLport ID	Processing XMLport Name	Data Exch. Def. Co
→ SDBK-AIBK-CT	SDBK AIBK SEPA CT	Export	1220	SEPA CT-Export File	43015111	SEPA CT pain.001.001.03 AIB	
SDBK-AIBK-DD	SDBK AIBK SEPA DD	Export	1230	SEPA DD-Export File	43015110	SEPA DD pain.008.001.02 AIB	
SDBK-AIBK-SEPACT-USD	SDBK AIBK SEPACT-USD	Export	1220	SEPA CT-Export File	43015113	SEPA CT pain.001.001.03 AIB USD	
SDBK-AIBK-STMT	SDBK AIBK STMT	Import	0		43015112	SDY INBK Data Exch. Import - CSV (AIB)	SDBK-AIBK-CT
SDBK-AIBK-V2-STMT	SDBK AIBK-V2 STMT	Import	0		43015112	SDY INBK Data Exch. Import - CSV (AIB)	SDBK-AIBK-CT
SDBK-BARC-BACSCT	SDBK BARC BACS CT	Export	43015110	SDY INBK BACS CT Exp Barclays	0		
SDBK-BARC-MT103	SDBK BARC MT103	Export	43015117	SDY INBK SCT MT103 Barclays	0		
SDBK-BARC-STMT	SDBK BARC STMT	Import	0		1220	Data Exch. Import - CSV	SDBK-BARC-CT
SDBK-BNPA-SEPACT	SDBK BNPA SEPACT	Export	1220	SEPA CT-Export File	43015105	SEPA CT pain.001.001.03 BNP	
SDBK-BNPA-SEPACTGBP	SDBK BNPA SEPACTGBP	Export	1220	SEPA CT-Export File	43015106	SEPA CT pain.001.001.03 BNP	
SDBK-BOFI-BACSCT	SDBK BOFI BACS CT	Export	43015120	SDY INBK BACS CT Exp BOI	0		

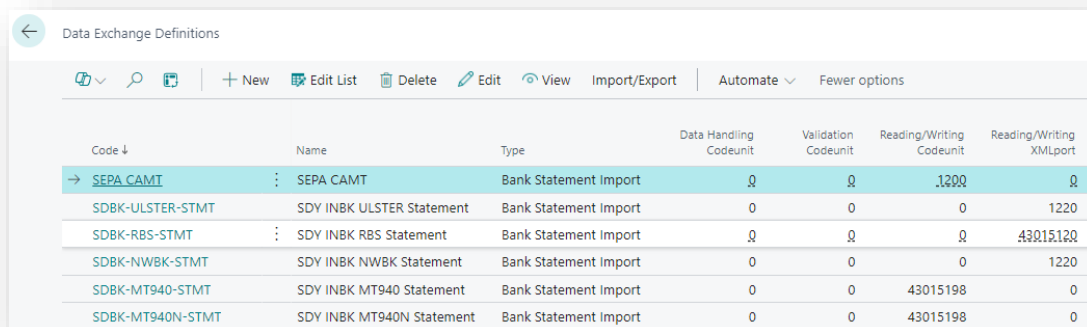
Figure 4-3

The **SD Interface Banking Barclays BACS CT Decimal Indicator** field specifies whether to include a decimal indicator on the **SDBK-BARCLAYS-BACSCT** file. If the field is set to true, the Amount will include a decimal flag.

The **SD Interface Banking Faster Payments** field indicates whether to generate a faster payments file when generating a **SDBK-DANSKE-BACSCT** file. Currently applicable for **SDBK-DANSKE-BACSCT** only.

The Processing XMLport ID determines the file structure. Different banks request slightly different information. For example, some banks might require address details and others will not. Pain.001 signifies a Credit Transfer and Pain.008 signifies a Direct Debit. These are ISO standards.

The data exchange definitions are used to map the statement files for Bank Reconciliations or for Payment Reconciliation Journals. In the **Data Exchange Definitions** page, the SD Interface Banking formats are prefixed with **SDBK-** (Figure 4-4).



Code ↓	Name	Type	Data Handling Codeunit	Validation Codeunit	Reading/Writing Codeunit	Reading/Writing XMLport
→ SEPA CAMT	SEPA CAMT	Bank Statement Import	0	0	1220	0
SDBK-ULSTER-STMT	SDY INBK ULSTER Statement	Bank Statement Import	0	0	0	1220
SDBK-RBS-STMT	SDY INBK RBS Statement	Bank Statement Import	0	0	0	43015120
SDBK-NWBK-STMT	SDY INBK NWBK Statement	Bank Statement Import	0	0	0	1220
SDBK-MT940-STMT	SDY INBK MT940 Statement	Bank Statement Import	0	0	43015198	0
SDBK-MT940N-STMT	SDY INBK MT940N Statement	Bank Statement Import	0	0	43015198	0

Figure 4-4

## 4.2 Bank Setup

You set up the bank formats that you will use for your bank in the **Bank Account List** page. The standard **Bank Account List** page (ID 371) is accessed from the **SD Interface Banking Role Centre**, by drilling through on the **Total** cue in the **Banks** Activity Group, or by searching for the **Bank Accounts** page in the **Tell Me** (Figure 4-5).

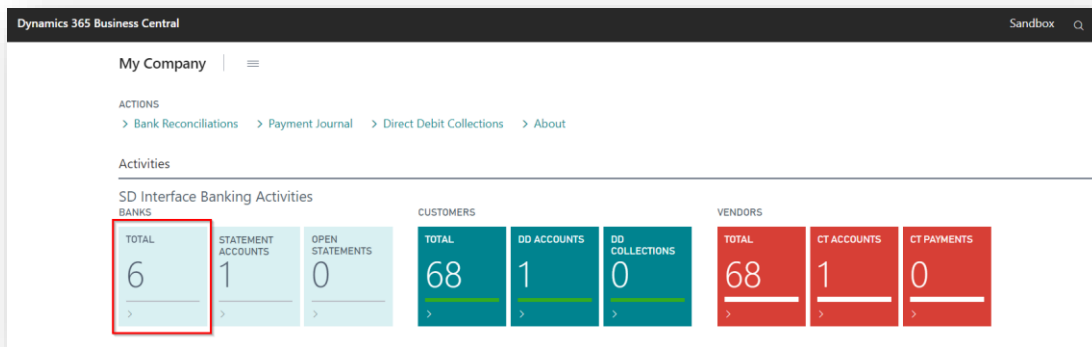


Figure 4-5

From the list of available **Bank Accounts**, highlight the record for the bank which you want to specify the banking formats. From the menu, in the **Manage** group, select **Edit** (Figure 4-6).

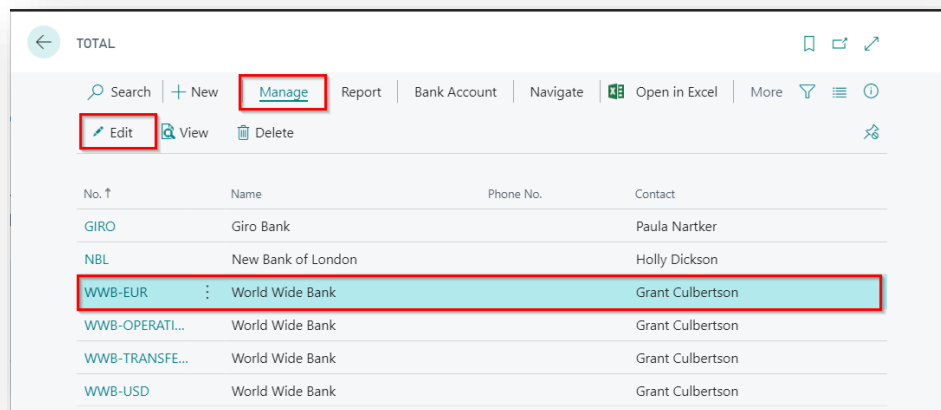
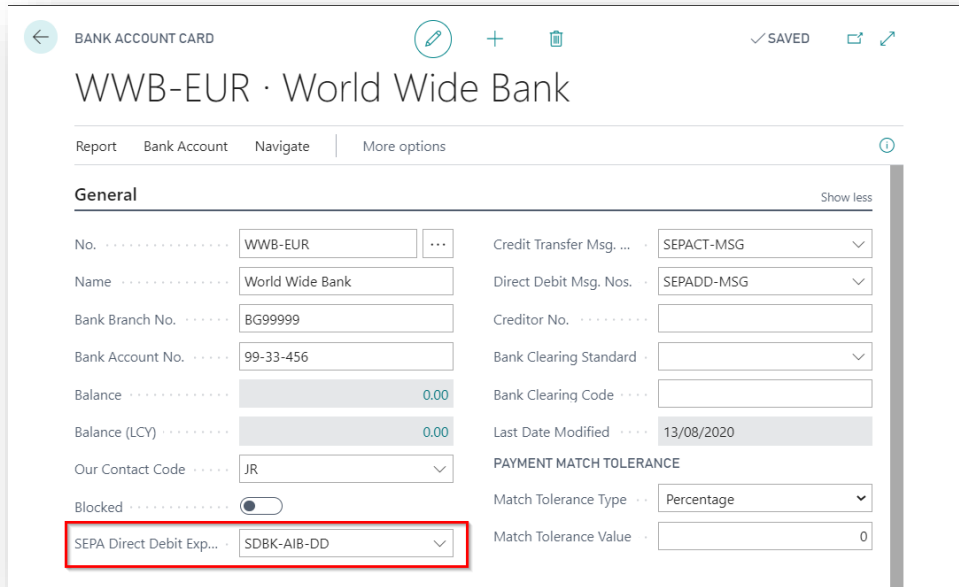


Figure 4-6

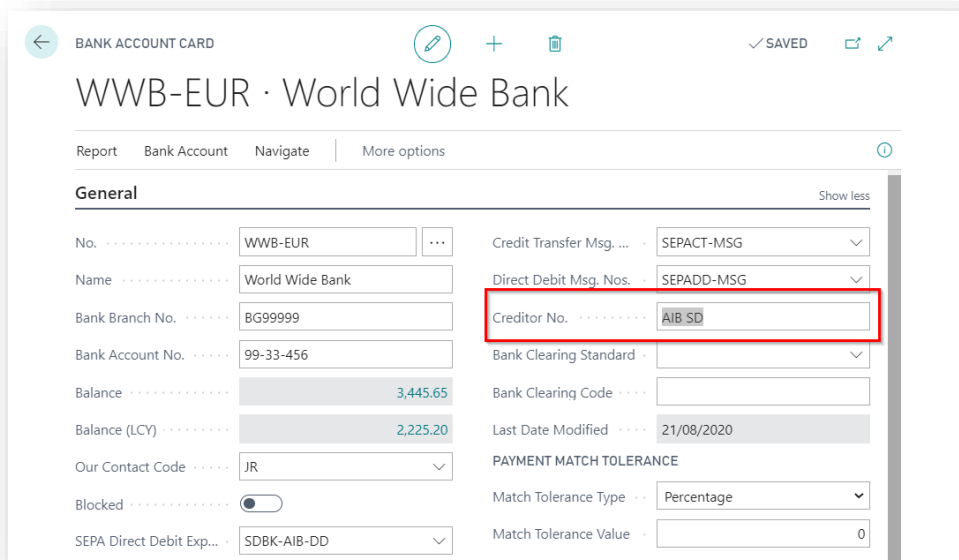
In the **Bank Account Card**, expand the **General** FastTab and set the **SEPA Direct Debit Exp. Format** to the required format (*Figure 4-7*).



The screenshot shows the 'General' tab of the 'BANK ACCOUNT CARD' for 'WWB-EUR · World Wide Bank'. The 'SEPA Direct Debit Exp.' dropdown menu is highlighted with a red box and is set to 'SDBK-AIB-DD'. Other fields include: No. (WWB-EUR), Name (World Wide Bank), Bank Branch No. (BG99999), Bank Account No. (99-33-456), Balance (0.00), Balance (LCY) (0.00), Our Contact Code (JR), Blocked (off), Credit Transfer Msg. (SEPACT-MSG), Direct Debit Msg. Nos. (SEPADD-MSG), Creditor No. (empty), Bank Clearing Standard (empty), Bank Clearing Code (empty), Last Date Modified (13/08/2020), PAYMENT MATCH TOLERANCE (Match Tolerance Type: Percentage, Match Tolerance Value: 0).

Figure 4-7

Enter a **Creditor No.** for the Bank (*Figure 4-8*).

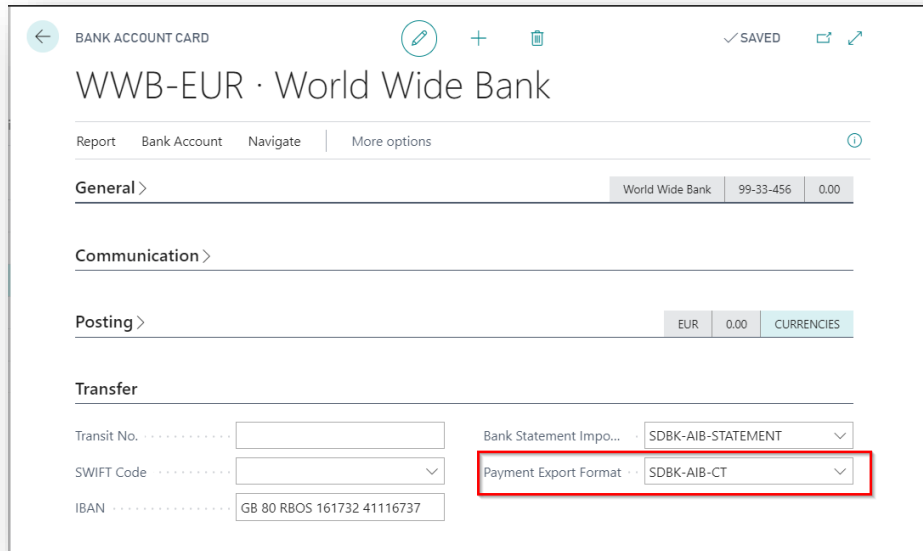


The screenshot shows the 'General' tab of the 'BANK ACCOUNT CARD' for 'WWB-EUR · World Wide Bank'. The 'Creditor No.' field is highlighted with a red box and contains the value 'AIB SD'. Other fields include: No. (WWB-EUR), Name (World Wide Bank), Bank Branch No. (BG99999), Bank Account No. (99-33-456), Balance (3,445.65), Balance (LCY) (2,225.20), Our Contact Code (JR), Blocked (off), Credit Transfer Msg. (SEPACT-MSG), Direct Debit Msg. Nos. (SEPADD-MSG), Bank Clearing Standard (empty), Bank Clearing Code (empty), Last Date Modified (21/08/2020), PAYMENT MATCH TOLERANCE (Match Tolerance Type: Percentage, Match Tolerance Value: 0).

Figure 4-8

**Note:** The **SDBK-AIB-DD** format uses the **Creditor No.** from the Bank Card as the Original Identification Number (OIN) when creating the files.

Navigate to the **Transfer** FastTab and set the **Payment Export Format** to the required format (Figure 4-9).



The screenshot shows the 'BANK ACCOUNT CARD' for 'World Wide Bank'. The 'Transfer' section is expanded, showing the following fields:

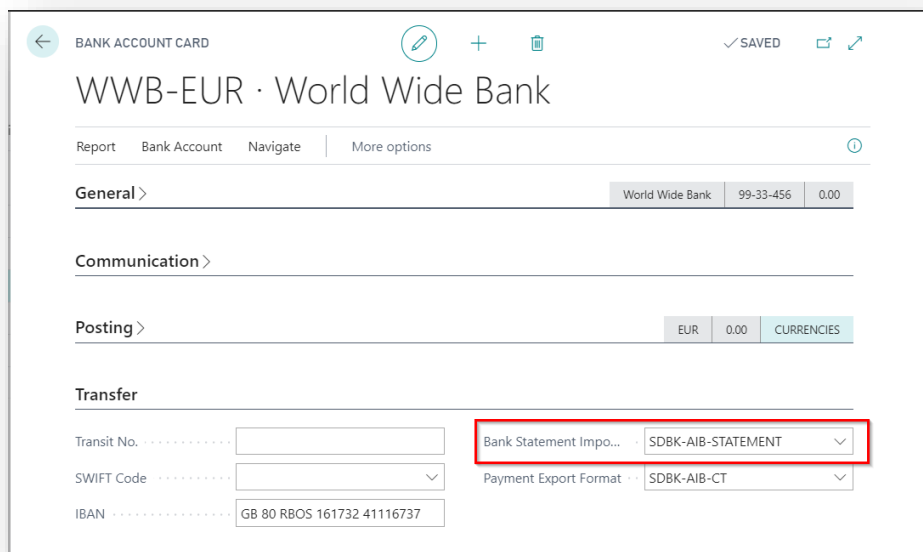
- Transit No. ....
- SWIFT Code ....
- IBAN ..... GB 80 RBOS 161732 41116737
- Bank Statement Impo... SDBK-AIB-STATEMENT
- Payment Export Format SDBK-AIB-CT

The 'Payment Export Format' field is highlighted with a red box.

Figure 4-9

**Note:** The **SDBK-AIB-CT** format takes the **Payment Routing No.** from the Company Information as the Original Identification Number (OIN) when creating the files.

Set the **Bank Statement Import Format** to the required format (Figure 4-10).



The screenshot shows the 'BANK ACCOUNT CARD' for 'World Wide Bank'. The 'Transfer' section is expanded, showing the following fields:

- Transit No. ....
- SWIFT Code ....
- IBAN ..... GB 80 RBOS 161732 41116737
- Bank Statement Impo... SDBK-AIB-STATEMENT
- Payment Export Format SDBK-AIB-CT

The 'Bank Statement Import Format' field is highlighted with a red box.

Figure 4-10

### 4.3 Payment Methods Setup

The payment methods used can be specified from the **SD Interface Banking Setup** card, or, by searching for the **Payment Methods** page in the **Tell Me** (Figure 4-11).

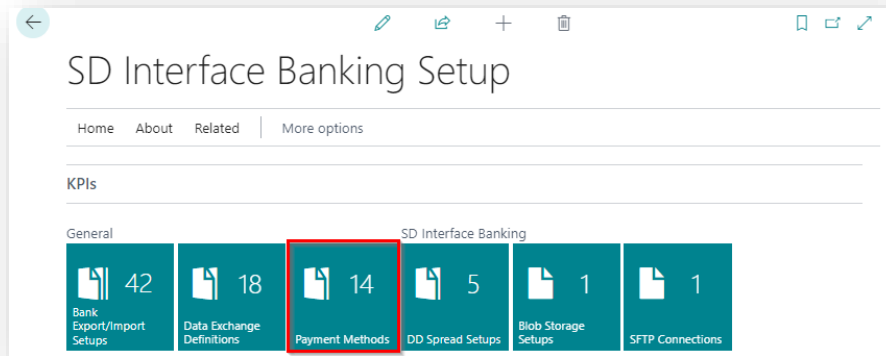


Figure 4-11

In the **Payment Method** page, you define Payment Methods for Direct Debits and Payment Methods for Credit Transfers. Your Payment Method codes should reflect how you will batch your payments. We would suggest defining multiple Payment Methods to reflect your Bank, currency and your allowed payment methods to support your Payment and Direct Debit collection runs. When running suggest vendor payments or creating direct debit collections you can then filter on the Payment Method code to suit the bank, currency and payment method.

Examples of Payment Method Codes for Credit Transfers could include:

EFT-SEPA  
 EFT-NonSEPA  
 EFT-BACS  
 EFT-ACH

Examples of Payment Method Codes for Direct Debits could include:

DD-SEPA  
 DD-NonSEPA  
 DD-BACS  
 DD-ACH

Once created, you assign the relevant Payment Methods on your Customer and Vendor Cards or select the Payment Methods when posting the transactions.

In the **Payment Methods** list page, create new Payment Methods for Direct Debits and Credit Transfers (*Figure 4-12*). From the menu, select **New** and insert the following values:

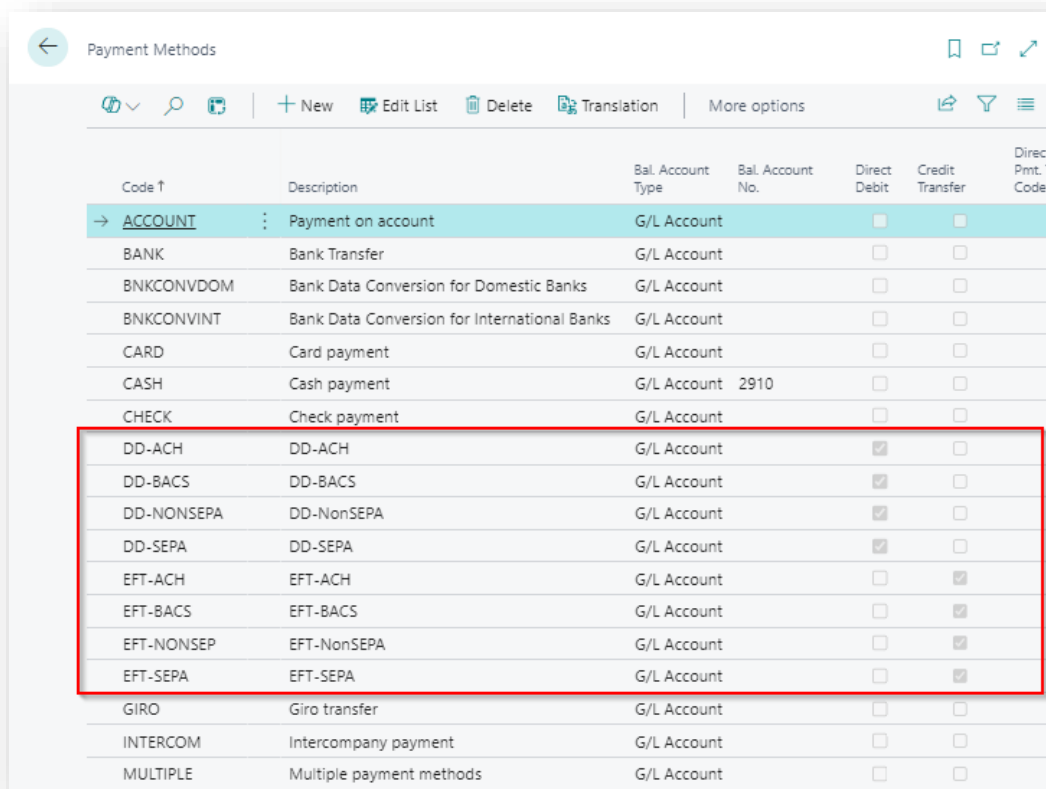
- **Code** – Enter a Code for the Payment Method.
- **Description** – Enter a Description for the Payment Method.

If the payment method is used for direct debit collection, then:

- **Direct Debit** – Select the Direct Debit option.

Otherwise, if the payment method is used for payments, then:

- **CT Export** – Select the CT Export option.



Code ↑	Description	Bal. Account Type	Bal. Account No.	Direct Debit	Credit Transfer	Dirac Pmt. Code
→ ACCOUNT	Payment on account	G/L Account		<input type="checkbox"/>	<input type="checkbox"/>	
BANK	Bank Transfer	G/L Account		<input type="checkbox"/>	<input type="checkbox"/>	
BNKCONVDOM	Bank Data Conversion for Domestic Banks	G/L Account		<input type="checkbox"/>	<input type="checkbox"/>	
BNKCONVINT	Bank Data Conversion for International Banks	G/L Account		<input type="checkbox"/>	<input type="checkbox"/>	
CARD	Card payment	G/L Account		<input type="checkbox"/>	<input type="checkbox"/>	
CASH	Cash payment	G/L Account	2910	<input type="checkbox"/>	<input type="checkbox"/>	
CHECK	Check payment	G/L Account		<input type="checkbox"/>	<input type="checkbox"/>	
DD-ACH	DD-ACH	G/L Account		<input checked="" type="checkbox"/>	<input type="checkbox"/>	
DD-BACS	DD-BACS	G/L Account		<input checked="" type="checkbox"/>	<input type="checkbox"/>	
DD-NONSEPA	DD-NonSEPA	G/L Account		<input checked="" type="checkbox"/>	<input type="checkbox"/>	
DD-SEPA	DD-SEPA	G/L Account		<input checked="" type="checkbox"/>	<input type="checkbox"/>	
EFT-ACH	EFT-ACH	G/L Account		<input type="checkbox"/>	<input checked="" type="checkbox"/>	
EFT-BACS	EFT-BACS	G/L Account		<input type="checkbox"/>	<input checked="" type="checkbox"/>	
EFT-NONSEP	EFT-NonSEPA	G/L Account		<input type="checkbox"/>	<input checked="" type="checkbox"/>	
EFT-SEPA	EFT-SEPA	G/L Account		<input type="checkbox"/>	<input checked="" type="checkbox"/>	
GIRO	Giro transfer	G/L Account		<input type="checkbox"/>	<input type="checkbox"/>	
INTERCOM	Intercompany payment	G/L Account		<input type="checkbox"/>	<input type="checkbox"/>	
MULTIPLE	Multiple payment methods	G/L Account		<input type="checkbox"/>	<input type="checkbox"/>	

Figure 4-12

**Note:** The **MT103 Non-Urgent** field specifies if the payment method code is non-urgent for use in the **SDBK-BARCLAYS-MT103** SEPA Credit Transfer format.



## 4.4 Customer Setup and Direct Debit Collections

To assign the Payment Method Type for Direct Debits to the Customers that you want to flag as using DD collections and to set other values needed to run DD collections, from the **SD Interface Banking Role Centre**, drill through on the **Total** cue in the **Customers Activity Group** to open the **Customer List** page (ID 22), or search for the **Customer List** page in the **Tell Me** (Figure 4-13).

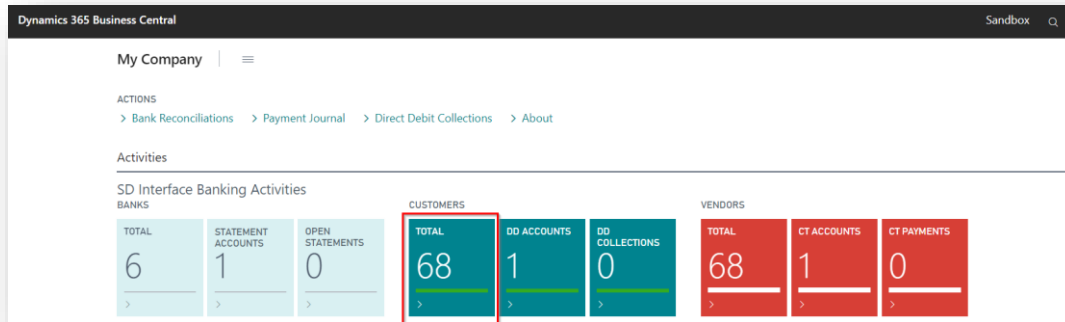


Figure 4-13

In the **Customer** list, navigate to the required customer and open the **Customer Card**. In the **Customer Card**, expand the **Payments** FastTab and set the **Payment Method Code** to a payment method code you created earlier specified for Direct Debit collections (Figure 4-14).

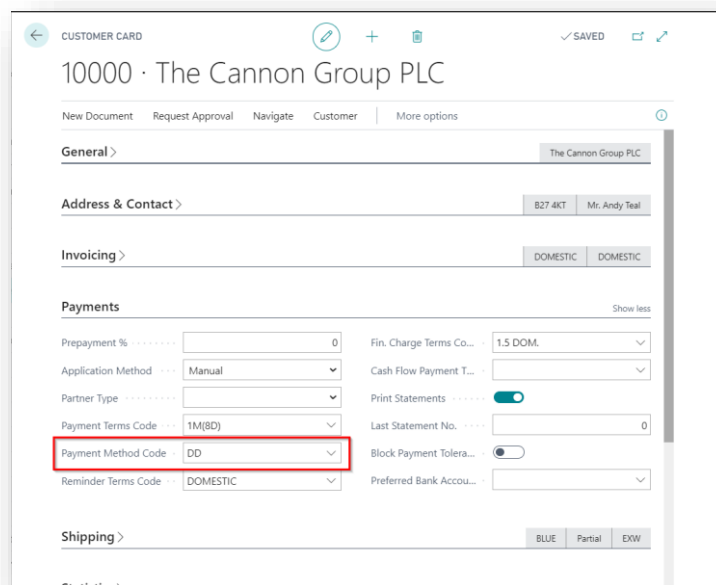
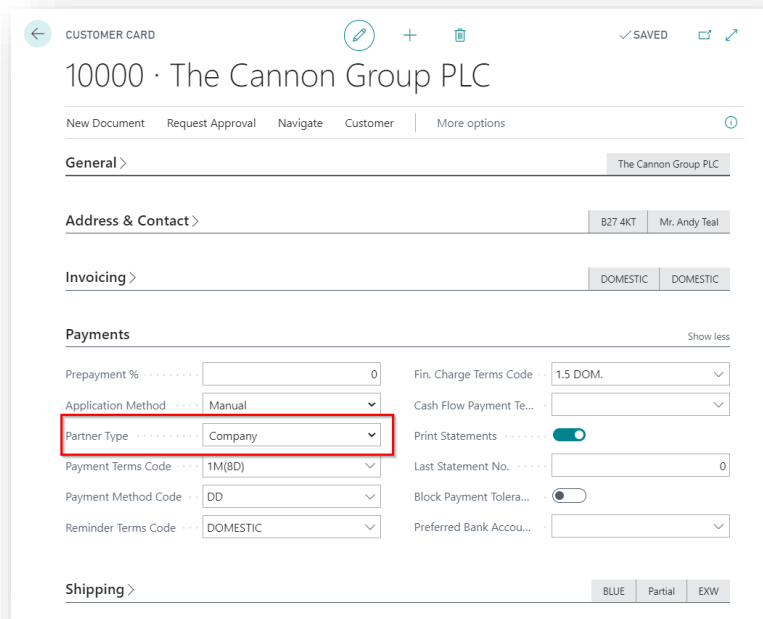


Figure 4-14

Set **Partner Type** to **Company** (Figure 4-15).



CUSTOMER CARD

10000 · The Cannon Group PLC

New Document Request Approval Navigate Customer More options

**General** > The Cannon Group PLC

**Address & Contact** > B27 4KT Mr. Andy Teal

**Invoicing** > DOMESTIC DOMESTIC

**Payments** Show less

Prepayment % ..... 0

Application Method ..... Manual

**Partner Type** ..... Company

Payment Terms Code ..... 1M(BD)

Payment Method Code ..... DD

Reminder Terms Code ..... DOMESTIC

Fin. Charge Terms Code ... 1.5 DOM.

Cash Flow Payment Te... ..

Print Statements .....

Last Statement No. .... 0

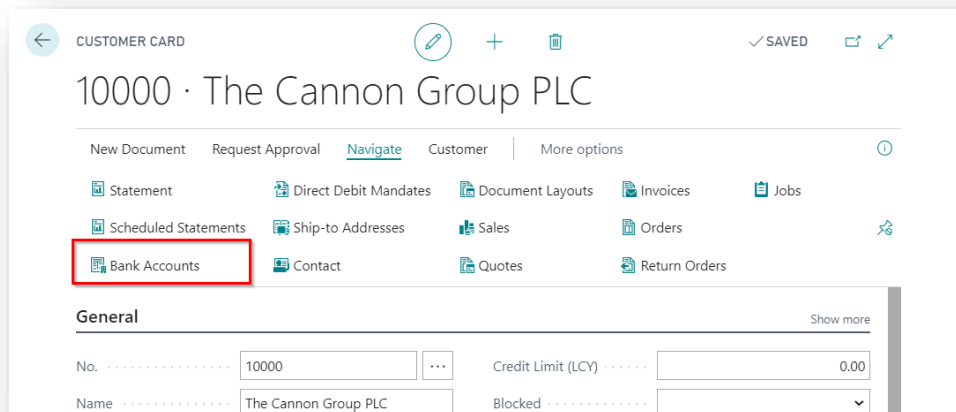
Block Payment Tolera... ..

Preferred Bank Accou... ..

**Shipping** > BLUE Partial EXW

Figure 4-15

From the menu, in the **Navigate** group, choose **Bank Accounts** (Figure 4-16).



CUSTOMER CARD

10000 · The Cannon Group PLC

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

Statement Direct Debit Mandates Document Layouts Invoices Jobs

Scheduled Statements Ship-to Addresses Sales Orders

**Bank Accounts** Contact Quotes Return Orders

**General** Show more

No. .... 10000 ... Credit Limit (LCY) ..... 0.00

Name ..... The Cannon Group PLC Blocked .....

Figure 4-16

In the **Customer Bank Account List**, select the customer's bank account that you are going to create a Direct Debit collection for. From the **Manage** group, select **Edit** (Figure 4-17).

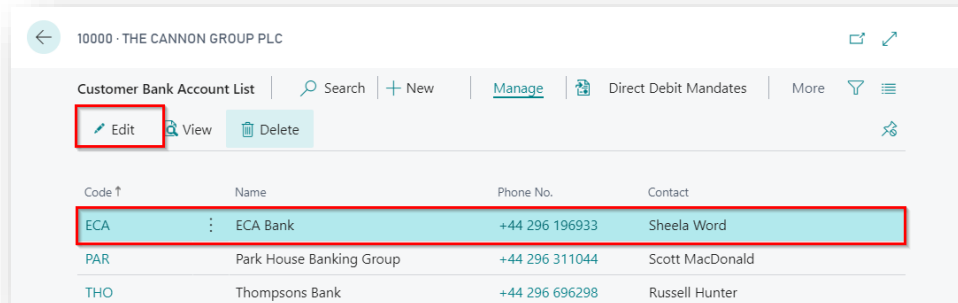
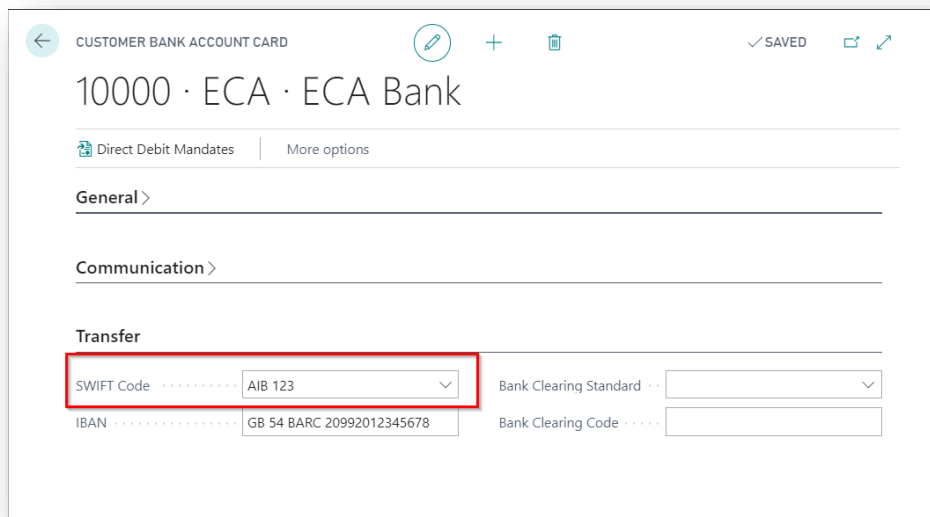


Figure 4-17

In the **Customer Bank Account Card**, enter the **SWIFT Code** (Figure 4-18).



CUSTOMER BANK ACCOUNT CARD

10000 · ECA · ECA Bank

Direct Debit Mandates | More options

General >

Communication >

Transfer

SWIFT Code ..... AIB 123

Bank Clearing Standard ..

IBAN ..... GB 54 BARC 20992012345678

Bank Clearing Code .....

Figure 4-18

Exit the **Customer Bank Account Card** and exit the **Customer Bank Account List**.

Back in the **Customer Card**, from the menu, in the **Navigate** group, choose **Direct Debit Mandates** (Figure 4-19).

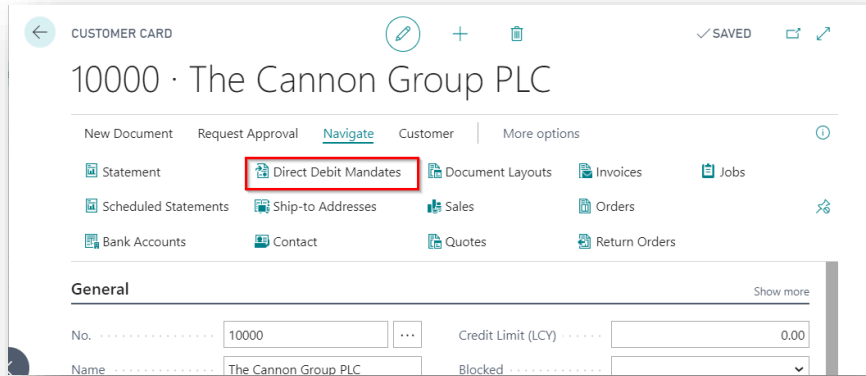
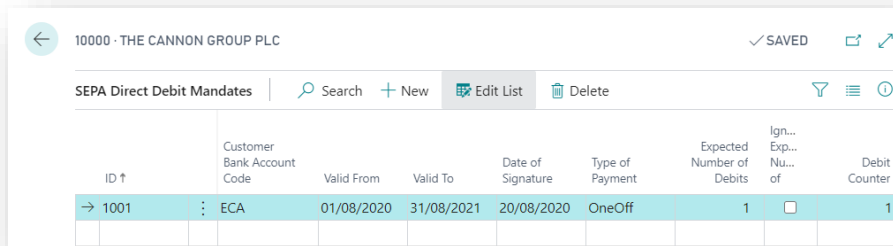


Figure 4-19

In the **SEPA Direct Debit Mandates** list, select **New** to create a new record and create a record for the Customer Bank Account. The SEPA Direct Debit Mandate record should appear similar to the example below (Figure 4-20).



ID ↑	Customer Bank Account Code	Valid From	Valid To	Date of Signature	Type of Payment	Expected Number of Debits	Ign... Exp... Nu... of	Debit Counter
→ 1001	ECA	01/08/2020	31/08/2021	20/08/2020	OneOff	1	<input type="checkbox"/>	1

Figure 4-20

From the **SD Interface Banking Role Centre**, select the **Direct Debit Collections** action (Figure 4-21).

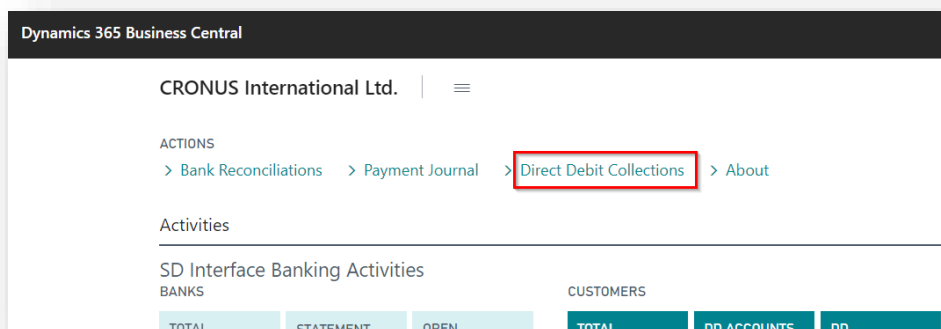
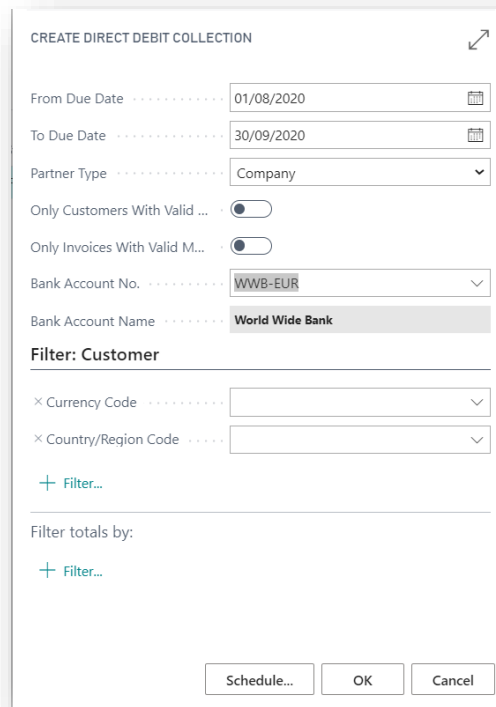


Figure 4-21

As per standard Microsoft Dynamics 365 Business Central, in the **Direct Debit Collections**, from the **New** group, select **Create Direct Debit Collection**. The **Create Direct Debit Collection Report Viewer** opens. Enter the values to create and export a Direct Debit Collection as per standard Microsoft Dynamics 365 Business Central. Select **OK** to create the **Direct Debit Collection** (Figure 4-22).



CREATE DIRECT DEBIT COLLECTION

From Due Date ..... 01/08/2020

To Due Date ..... 30/09/2020

Partner Type ..... Company

Only Customers With Valid ...

Only Invoices With Valid M...

Bank Account No. .... WWB-EUR

Bank Account Name ..... World Wide Bank

**Filter: Customer**

× Currency Code .....

× Country/Region Code .....

+ Filter...

Filter totals by:

+ Filter...

Schedule... OK Cancel

Figure 4-22

Continue creating and exporting your DD collections as per standard Microsoft Dynamics 365 Business Central.

**Note:** The **SDBK-AIB-DD** format uses the **Creditor No.** from the Bank Card as the Original Identification Number (OIN) when creating the files.

## 4.5 Vendor Setup and Credit Transfer Payments

To assign the Payment Method Type for Credit Transfers to the Vendors that you want to flag as using Credit Transfer Payments and to run a Credit Transfer Payment from the **SD Interface Banking Role Centre**, drill through on the **Total** cue in the **Vendors Activity Group** to open the **Vendor List** page (ID 27), or search for the **Vendor List** page in the **Tell Me** (Figure 4-23).

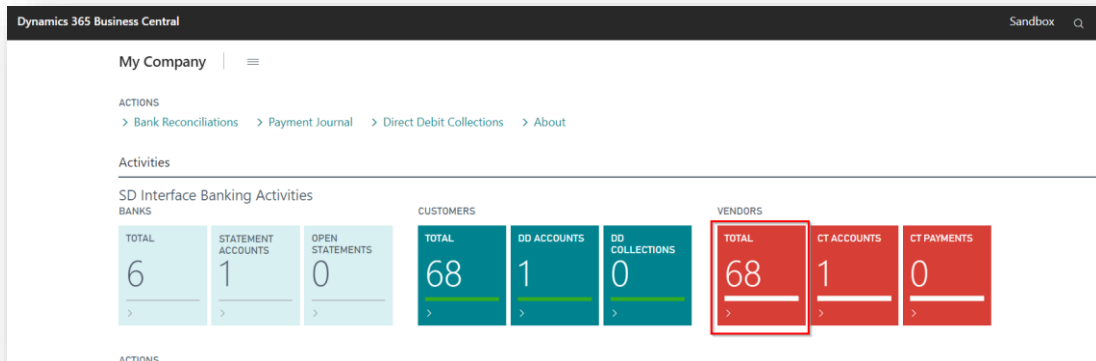


Figure 4-23

In the **Vendor** list, navigate to the required Vendor and open the **Vendor Card**. In the **Vendor Card** for **Vendor 10000**, expand the **Payments** FastTab. Set the **Payment Method Code** to a payment method code you created earlier specified for Credit Transfer Payments (Figure 4-24).

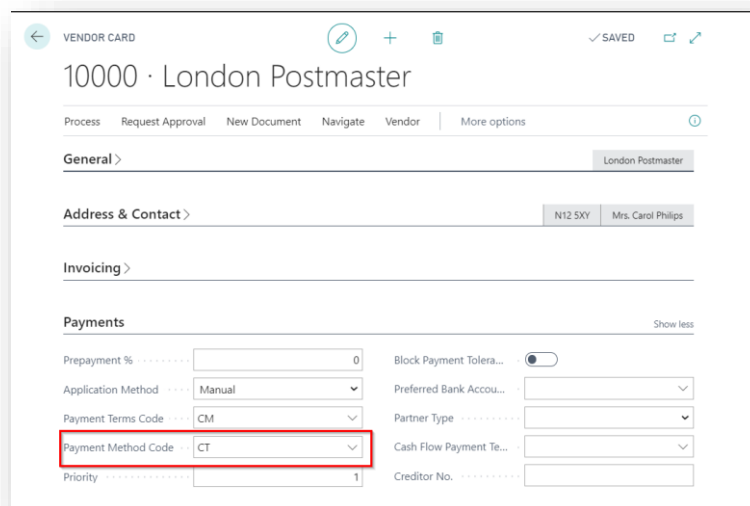
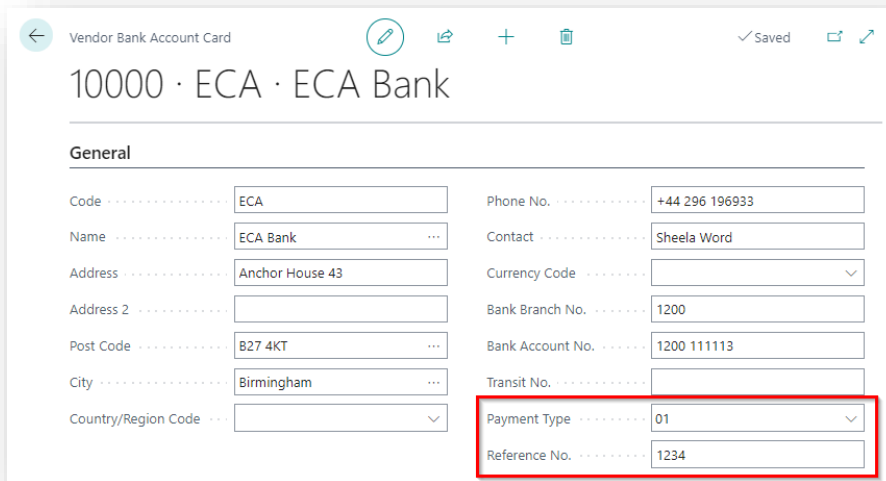


Figure 4-24

If you are using the **SDBK NATWEST SEPACT** format, on the **Vendor Bank Account Card** set the **Payment Type** to either **01** for domestic or **04** for international and enter a **Reference No.** (Figure 4-25). Your Bank will advise you what values to set for these fields.



Vendor Bank Account Card

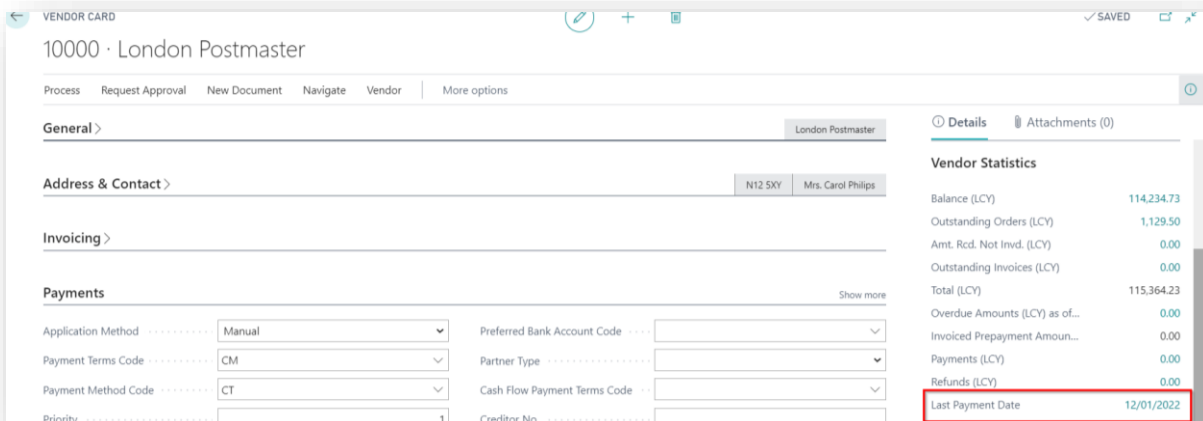
10000 · ECA · ECA Bank

**General**

Code	ECA	Phone No.	+44 296 196933
Name	ECA Bank	Contact	Sheela Word
Address	Anchor House 43	Currency Code	
Address 2		Bank Branch No.	1200
Post Code	B27 4KT	Bank Account No.	1200 111113
City	Birmingham	Transit No.	
Country/Region Code		Payment Type	01
		Reference No.	1234

Figure 4-25

Make a note of the **Last Payment Date** in the **Vendor Card**. In this example, it's **12/01/2022** (Figure 4-26).



VENDOR CARD

10000 · London Postmaster

Process Request Approval New Document Navigate Vendor More options

**General** London Postmaster

**Address & Contact** N12 5XY Mrs. Carol Philips

**Invoicing**

**Payments** Show more

Application Method	Manual	Preferred Bank Account Code	
Payment Terms Code	CM	Partner Type	
Payment Method Code	CT	Cash Flow Payment Terms Code	
Priority	1	Creditor No.	

**Vendor Statistics**

Balance (LCY)	114,234.73
Outstanding Orders (LCY)	1,129.50
Amt. Rcd. Not Invd. (LCY)	0.00
Outstanding Invoices (LCY)	0.00
Total (LCY)	115,364.23
Overdue Amounts (LCY) as of...	0.00
Invoiced Prepayment Amoun...	0.00
Payments (LCY)	0.00
Refunds (LCY)	0.00
Last Payment Date	12/01/2022

Figure 4-26

From the **SD Interface Banking Role Centre**, select the **Payment Journal** action (*Figure 4-27*).

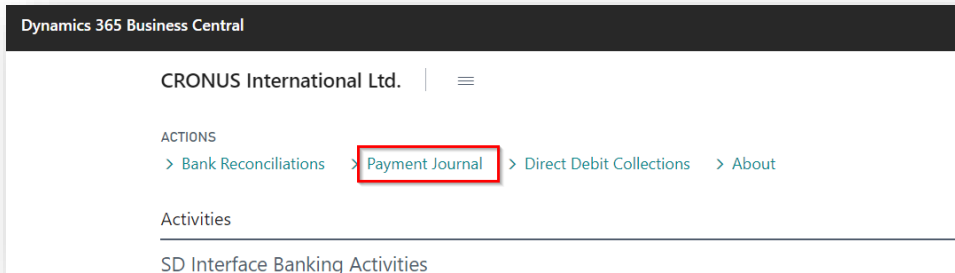


Figure 4-27

As per standard Microsoft Dynamics 365 Business Central, in the **Payment Journals**, from the **Prepare** group, select **Suggest Vendor Payments**. The **Suggest Vendor Payments Report Viewer** opens. Enter the values to create and export a Credit Transfer Payment as per standard Microsoft Dynamics 365 Business Central. Set the **Last Payment Date** equal to the **Last Payment Date** on the **Vendor Card**. In this example, the last payment date is **12/01/2022**.

Select **OK** to create the **Suggest Vendor Payments** (*Figure 4-28*).

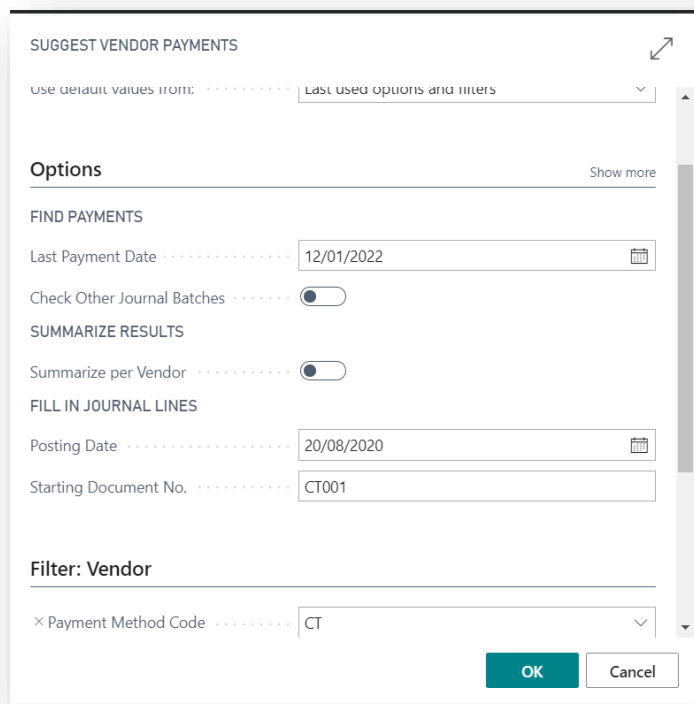


Figure 4-28



Continue creating and exporting your Credit Transfer Payments as per standard Microsoft Dynamics 365 Business Central.

**Note:** The Original Identification Number (OIN) used for Credit Transfer Payments is taken from the **Payment Routing No.** field on the **Company Information** page.

## 4.6 Import Bank Statements

To import a Bank Statement from the **SD Interface Banking Role Centre**, choose the **Bank Reconciliations** action to open the **Bank Acc. Reconciliation List** page (ID 388), or search for the **Bank Acc. Reconciliation List** page in the **Tell Me** (Figure 4-29).

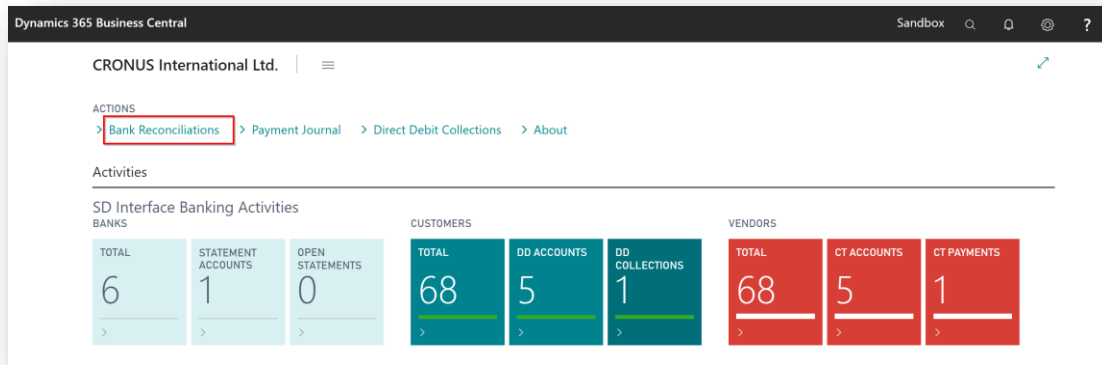


Figure 4-29

In the **Bank Acc. Reconciliation List**, choose an existing **Bank Account Reconciliation** or create a new **Bank Account Reconciliation**. In the **Bank Account Reconciliation Card**, as per standard Microsoft Dynamics 365 Business Central, from the **Bank** group, select **Import Bank Statement** (Figure 4-30). Continue importing your Bank Statement as per standard Microsoft Dynamics 365 Business Central

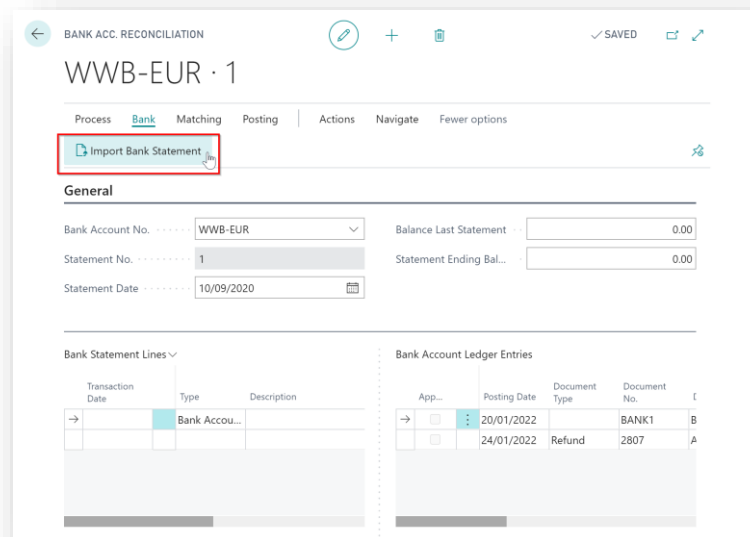


Figure 4-30

## 4.7 Direct Debit Amount Spread

The Direct Debit Amount Spread in SD Interface Banking allows users to spread the amount of a Sales Invoice in the Direct Debit Collections list over a defined period of time.

To use the Direct Debit Amount Spread functionality, from the **SD Interface Banking Setup** card, select the **DD Spread Setups** cue to open the **Direct Debit Spread Setup** page, or search for the **Direct Debit Spread Setup** page in the **Tell Me** (Figure 4-31).

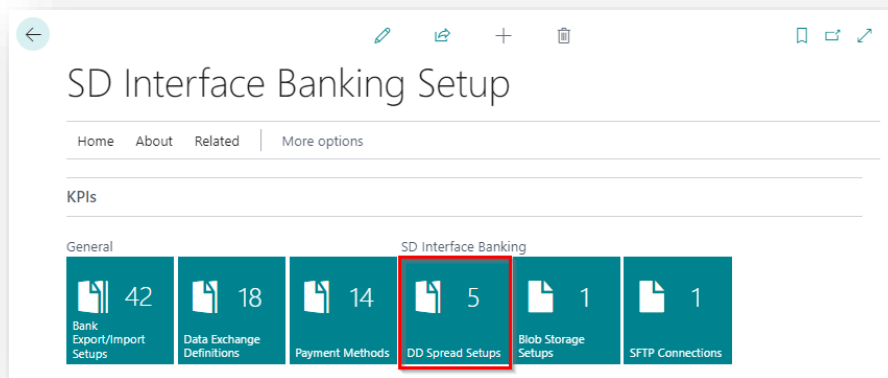
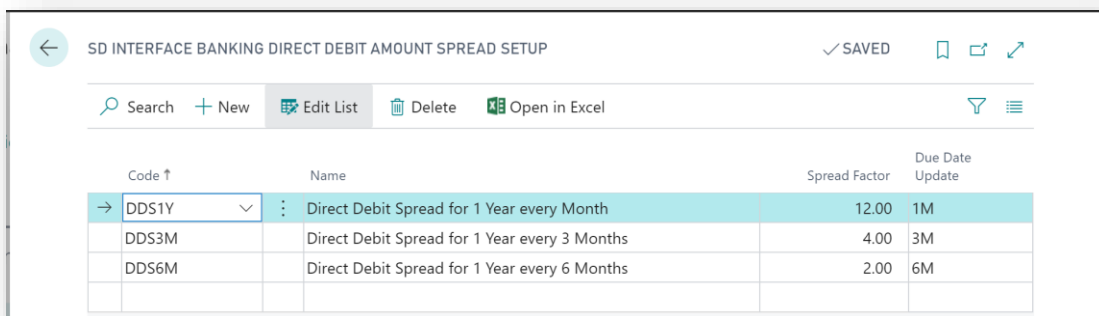


Figure 4-31

The **Direct Debit Spread Setup** list, contains the following fields (Figure 4-32):



Code ↑	Name	Spread Factor	Due Date Update
→ DDS1Y	Direct Debit Spread for 1 Year every Month	12.00	1M
DDS3M	Direct Debit Spread for 1 Year every 3 Months	4.00	3M
DDS6M	Direct Debit Spread for 1 Year every 6 Months	2.00	6M

Figure 4-32

- **Code** – Select an existing code from the Payment Terms list to define a Spread Factor for and a Due Date Update date formula.
- **Name** – Create a user defined name for the Direct Debit Spread Code.

- **Spread Factor** – Enter a value for the Spread Factor. For example, if you want to spread the Direct Debit Collection for 1 year over 12 months, you will enter a Spread Factor of 12.
- **Due Date Update** – Enter a date formula which will be used to calculate and update the due date on the Customer Ledger Entry. For example, if you want to spread the Direct Debit Collection for 1 year over 12 months, you will enter a Due Date Update of 1M.

When you are creating your Sales Invoices, select the relevant Payment Term that you want to use to spread the amount over the period of time. When you are ready to run a Direct Debit Collection, from the **SD Interface Banking Role Centre**, select the **Direct Debit Collections** action (*Figure 4-33*).

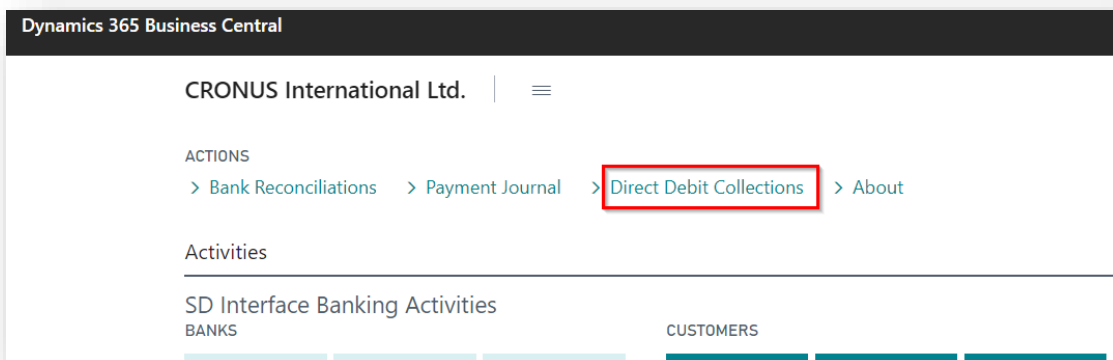


Figure 4-33

As per standard Microsoft Dynamics 365 Business Central, in the **Direct Debit Collections**, from the **New** group, select **Create Direct Debit Collection**. The **Create Direct Debit Collection Report Viewer** opens. Enter the values to create a Direct Debit Collection as per standard Microsoft Dynamics 365 Business Central.

In the **Direct Debit Collections Entries** page, choose the **Split Amount** Action (*Figure 4-34*).

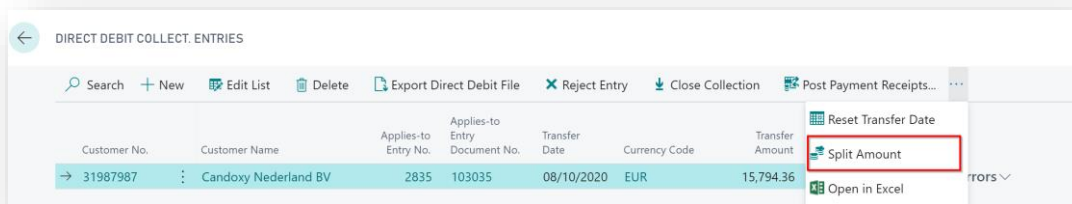
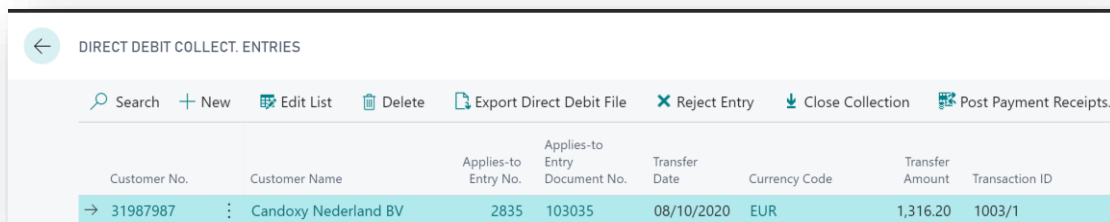


Figure 4-34

For those Sales Invoices, which have a Payment Terms Code defined in the Direct Debit Amount Spread table, SD Interface Banking will update the Transfer Amount, (taking the original invoice amount in the customer ledger entry and dividing by the spread factor) for each relevant record. The related customer ledger entry due date will also be updated as per the Due Date Update in Direct Debit Amount Spread Setup table (*Figure 4-35*).

If the Sales Invoice Payment term is not defined in the Direct Debit Amount Spread Setup table, then the line is not affected.



Customer No.	Customer Name	Applies-to Entry No.	Applies-to Entry Document No.	Transfer Date	Currency Code	Transfer Amount	Transaction ID
→ 31987987	Candoxy Nederland BV	2835	103035	08/10/2020	EUR	1,316.20	1003/1

*Figure 4-35*

## 4.8 H2H Connectivity

An **Azure Function App** is used to transfer banking files to your Bank’s SFTP servers. You will need to contact Simply Dynamics for details of how to create the Azure Function App and you will need your function **App URL** and **Function App Key** to enter as values in the **SFTP Connection** card.

To setup H2H Connectivity with your bank drill through on the **Blob Storage Setups** cue in the **SD Interface Banking Setup** card to setup the Azure Blob Storage Containers that you will use to store the outbound and inbound banking files (*Figure 4-36*).

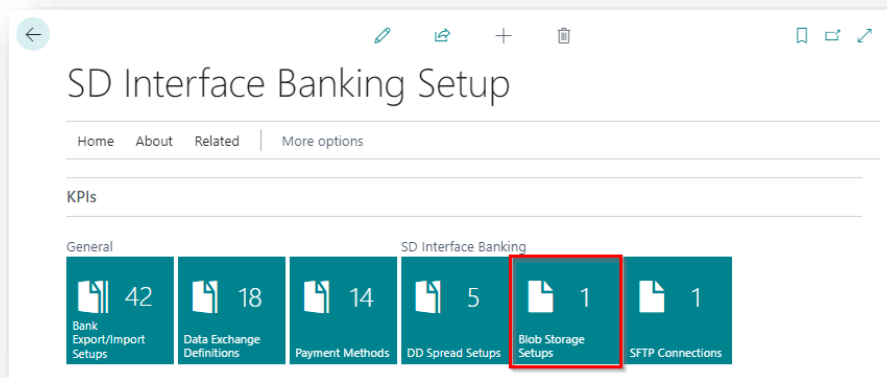


Figure 4-36

Choose the **+New** action in the SD Interface Banking Blob Storage Setups list to create your Blob Storage setup (*Figure 4-37*).

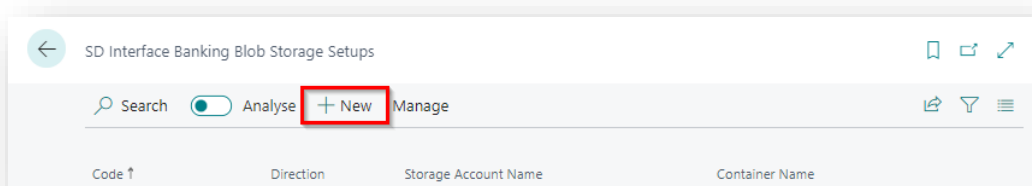
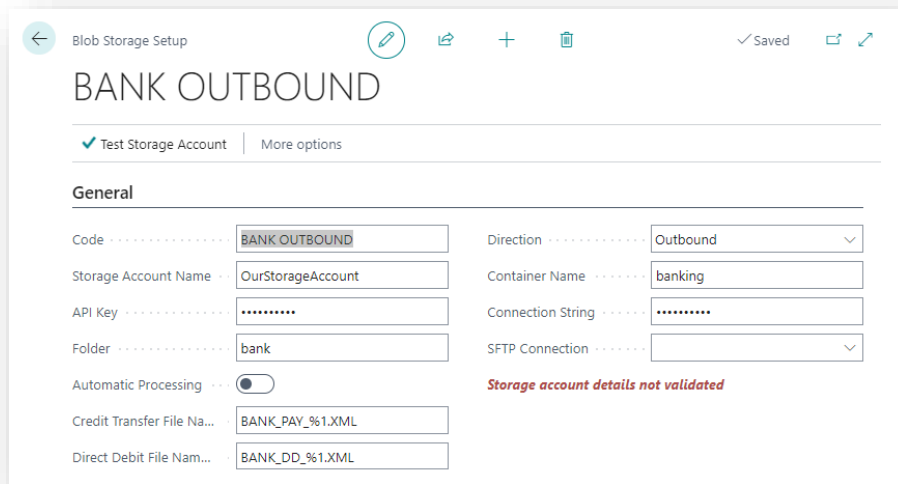


Figure 4-37

Enter the details for your blob storage in the **Blob Storage Setup Card** (Figure 4-38).



The screenshot shows a 'Blob Storage Setup' card titled 'BANK OUTBOUND'. It includes a 'Test Storage Account' button and a 'More options' link. The 'General' section contains the following fields:

- Code:** BANK OUTBOUND
- Storage Account Name:** OurStorageAccount
- API Key:** [Redacted]
- Folder:** bank
- Automatic Processing:** [Checked]
- Credit Transfer File Name:** BANK\_PAY\_%1.XML
- Direct Debit File Name:** BANK\_DD\_%1.XML
- Direction:** Outbound
- Container Name:** banking
- Connection String:** [Redacted]
- SFTP Connection:** [Dropdown]

A red warning message at the bottom right of the form states: "Storage account details not validated".

Figure 4-38

- **Code** – Enter a user defined code for the record.
- **Storage Account Name** – Enter your Azure Blob Storage Account Name.
- **API Key** – Enter the Access Key you created to authenticate SD Interface EDI’s requests to this storage account.
- **Folder** – Enter the folder that will store the banking files in your container. Folder names must be lowercase and should not contain any special characters in the name.
- **Automatic Processing** – Applicable to outbound files only. Choosing this option allows direct debit and credit transfer files to be uploaded to the folder in Azure Blob Storage on creation. Otherwise, the files will have to be uploaded from the **SD Interface Banking Outbound Files** page manually.
- **Direction** – Specifies the direction of the files. Choose from **Outbound** or **Inbound**.
- **Container Name** – Enter the Container Name to store the blob files on your Azure Blob Storage Account. Container names must be lowercase and should not contain any special characters in the name.
- **Connection String** – Enter the Connection String that SD Interface Banking will use to connect to this storage account.

- **SFTP Connection** – Select the SFTP connection that you will use to transfer the files from your Azure Blob Storage to the bank.
- **Credit Transfer File Name Mask** - Specifies the value of the file name created when the files are created by SD Interface Banking. E.g. BANK\_PAY\_%1.XML where the %1 placeholder picks up the **Credit Transfer Msg. Nos.** field from the Bank Account Card.
- **Direct Debit File Name Mask** - Specifies the value of the file name created when the files are created by SD Interface Banking. E.g. BANK\_DD\_%1.XML where the %1 placeholder picks up the **Direct Debit Msg. Nos.** field from the Bank Account Card.

Your Bank will provide you with the details needed to connect to their servers. To setup the SFTP connection with your bank drill through on the **SFTP Connections** cue on the SD Interface Banking Role Centre (*Figure 4-39*).

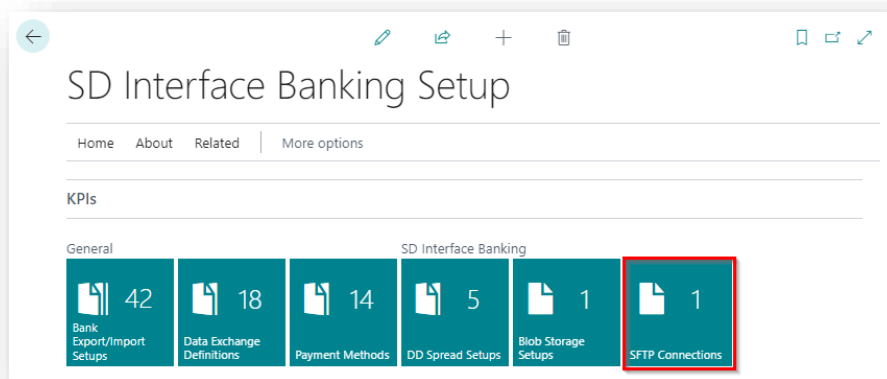


Figure 4-39

Choose the **+New** action in the SD Interface Banking SFTP Connections list to create your SFTP connection (*Figure 4-40*).

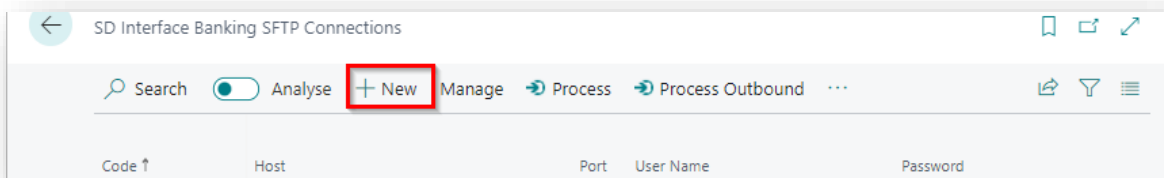
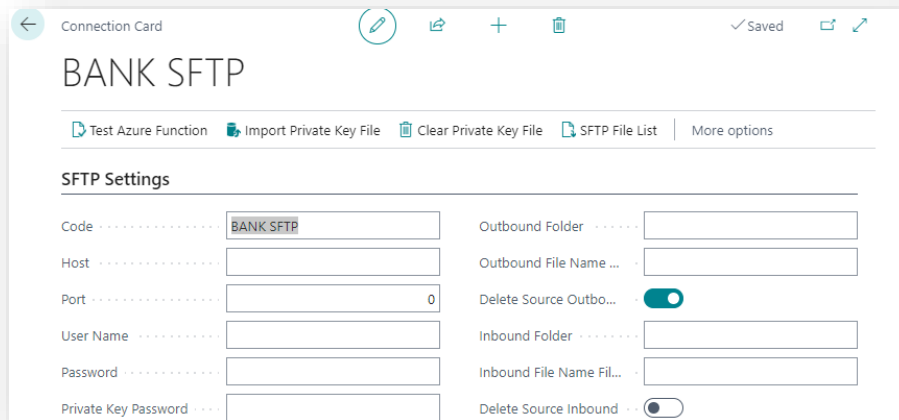


Figure 4-40



Enter the details for your SFTP setup in the **Connection Card** (*Figure 4-41*).



The screenshot shows a 'Connection Card' titled 'BANK SFTP'. At the top, there are navigation icons (back, edit, share, add, delete) and a 'Saved' status. Below the title, there are several action buttons: 'Test Azure Function', 'Import Private Key File', 'Clear Private Key File', 'SFTP File List', and 'More options'. The main section is titled 'SFTP Settings' and contains two columns of input fields and toggle switches:

- Code**: Input field containing 'BANK SFTP'
- Host**: Empty input field
- Port**: Input field containing '0'
- User Name**: Empty input field
- Password**: Empty input field
- Private Key Password**: Empty input field
- Outbound Folder**: Empty input field
- Outbound File Name ...**: Empty input field
- Delete Source Outbo...**: Toggle switch (ON)
- Inbound Folder**: Empty input field
- Inbound File Name Fil...**: Empty input field
- Delete Source Inbound**: Toggle switch (OFF)

Figure 4-41

- **Code** – Enter a user defined code for the record.
- **Host** – Enter the Host. This will be provided to you by your Bank.
- **Port** – Enter the Port. This will be provided to you by your Bank.
- **User Name** – Enter the User Name. This will be provided to you by your Bank.
- **Password** – Your Password will be provided to you by your Bank.
- **Private Key Password** – This will be provided to you by your Bank.
- **Outbound Folder** – The folder on the Bank’s SFTP site where your outbound Direct Debit and Credit Transfer files will be placed.
- **Outbound File Name Filters** – Enter comma separated values to filter the files that will be transferred to the bank’s host. For example, "ACK,ACCEPT" will filter on files where ACK or ACCEPT are part of file name.
- **Delete Source Outbound** – Select this option to delete the files from blob storage once the files are transferred to the Bank’s SFTP site.
- **Inbound Folder** – Enter the folder on the Bank’s SFTP site from where your inbound files will be transferred from and confirmation messages from your Bank can be read.

- **Inbound File Name Filters** – Enter comma separated values to filter the files that will be transferred to your azure blob storage. For example, "ACK,ACCEPT" will filter on files where ACK or ACCEPT are part of file name.
- **Delete Source Inbound** – Select this option to delete the files from the Bank’s SFTP site once the files are transferred to your azure blob storage.

An Azure Function app is used in SD Interface Banking to facilitate bidirectional file transfer between azure blob storage and your Bank’s SFTP servers. You will need to contact Simply Dynamics for details of how to create the Azure Function App and you will need your **Function App URI** and **Function App Key** to enter as values in the Connection card (*Figure 4-42*):

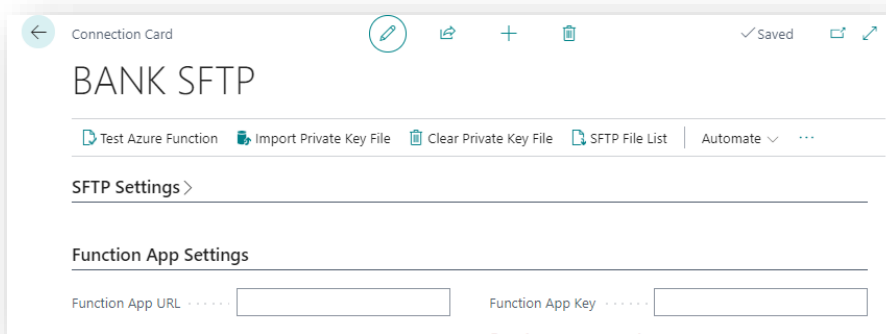
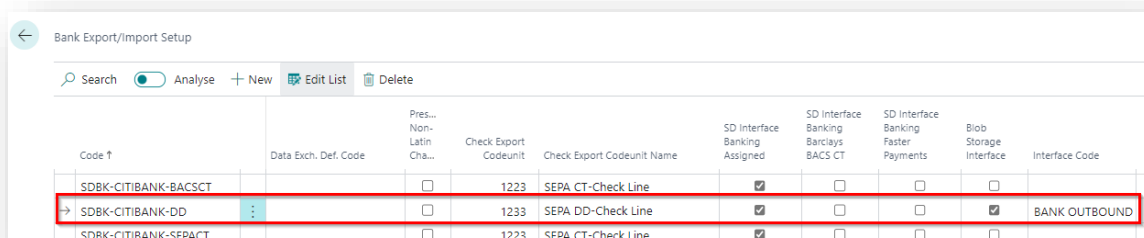


Figure 4-42

- **Function App URL** – Your Azure Function App URL.
- **Function App Key** – Your Azure Function App Key.

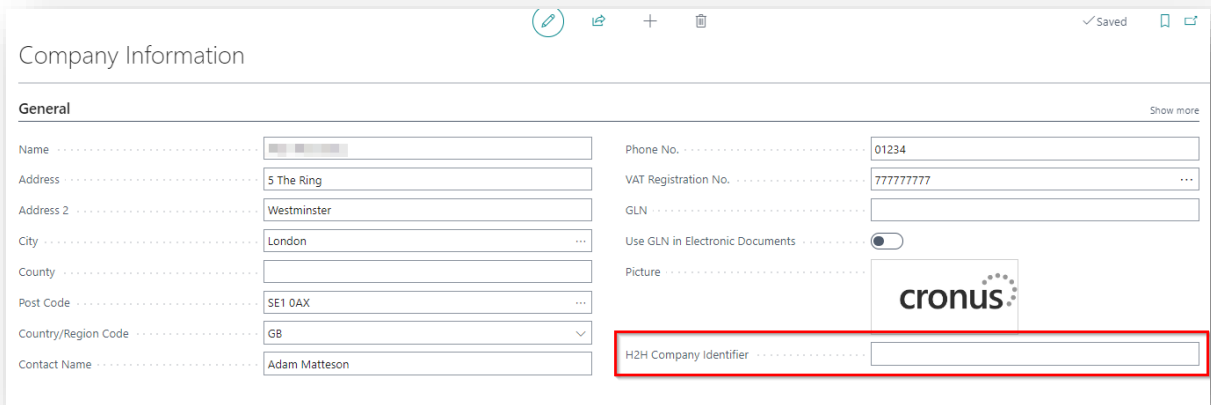
Once you have the Blob Storage and SFTP connections setup, you then flag the relevant records in the **Bank Export/Import Setup** as using azure blob storage for the banking files by selecting the **Blob Storage Interface** field and selecting the **Interface Code** to use for the Bank (*Figure 4-43*):



Code †	Data Exch. Def. Code	Pres... Non-Latin Cha...	Check Export Codeunit	Check Export Codeunit Name	SD Interface Banking Assigned	SD Interface Banking Barclays BACS CT	SD Interface Banking Faster Payments	Blob Storage Interface	Interface Code
SDBK-CITIBANK-BACSCT		<input type="checkbox"/>	1223	SEPA CT-Check Line	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
SDBK-CITIBANK-DD		<input type="checkbox"/>	1233	SEPA DD-Check Line	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	BANK OUTBOUND
SDBK-CITIBANK-SEPACT		<input type="checkbox"/>	1223	SEPA CT-Check Line	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Figure 4-43

You then specify the **H2H Company Identifier** field in the General FastTab on the **Company Information** card. This will be provided to you by your Bank this value is used to identify the correct files for your Company (Figure 4-44).



Company Information

General Show more

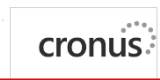
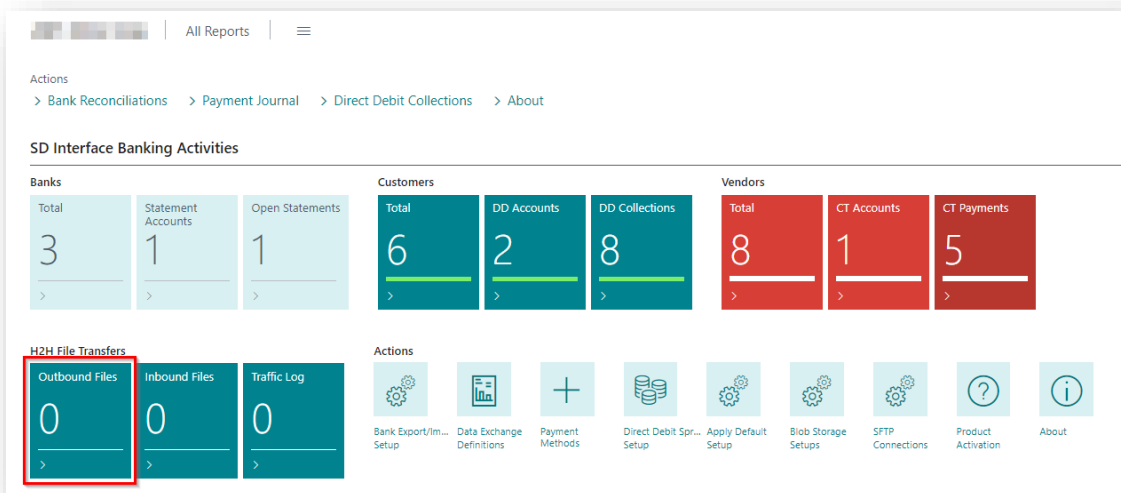
Name	[Redacted]	Phone No.	01234
Address	5 The Ring	VAT Registration No.	777777777
Address 2	Westminster	GLN	
City	London	Use GLN in Electronic Documents	<input type="checkbox"/>
County		Picture	
Post Code	SE1 0AX	H2H Company Identifier	[Redacted]
Country/Region Code	GB		
Contact Name	Adam Matteson		

Figure 4-44

When you have created your outbound Direct Debit and Credit Transfer files drill through on the **Outbound Files** cue (Figure 4-45).



SD Interface Banking Activities

Banks

Total	Statement Accounts	Open Statements
3	1	1

Customers

Total	DD Accounts	DD Collections
6	2	8

Vendors

Total	CT Accounts	CT Payments
8	1	5

H2H File Transfers

Outbound Files	Inbound Files	Traffic Log
0	0	0

Actions

- Bank Export/Im... Setup
- Data Exchange Definitions
- Payment Methods
- Direct Debit Spr... Setup
- Apply Default Setup
- Biob Storage Setups
- SFTP Connections
- Product Activation
- About

Figure 4-45

From the Outbound Files list, you can send the banking files to your Azure Blob Storage and from there you can transfer the files to your Bank's server (Figure 4-46).

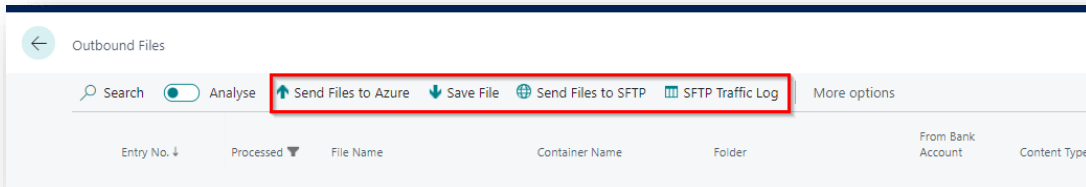


Figure 4-46

When you are ready to receive your inbound Statement files and confirmation messages from your Bank, drill through on the **Inbound Files** cue (Figure 4-47).

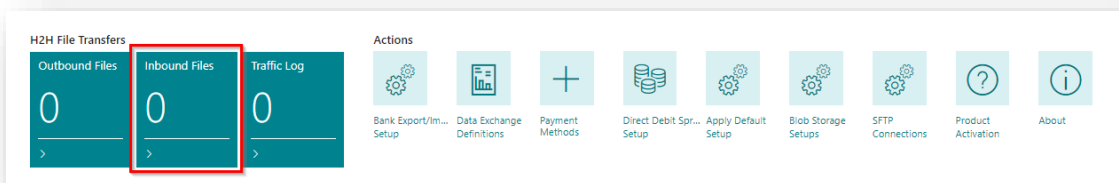


Figure 4-47

From the Inbound Files list, you can get the banking files from your Bank's server to your Azure Blob Storage (Figure 4-48).

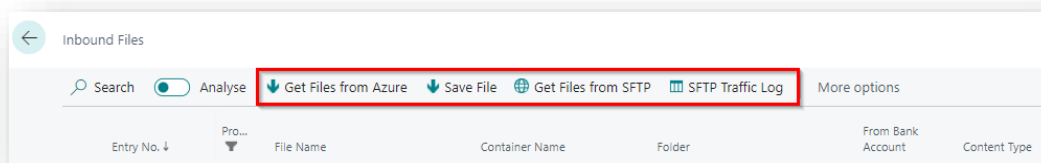


Figure 4-48

## 5 Uninstalling SD Interface Banking

You can uninstall **SD Interface Banking** using the Web Client:

1. Open your Dynamics 365 Business Central Web Client and use the **Tell Me** to search for **Extension Management** (Figure 5-1).

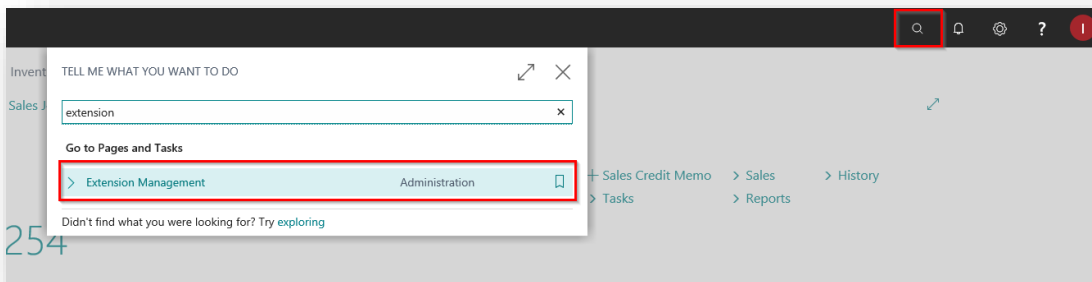


Figure 5-1

2. In **Extension Management**, you should see the **SD Interface Banking** App installed.
3. Select the **SD Interface Banking** App and choose the **Uninstall** Action (Figure 5-2).

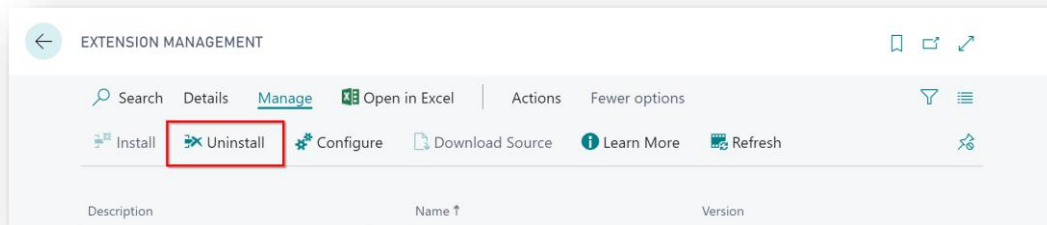


Figure 5-2



# Dynamics Shop

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