

# Microsoft D365 Finance & Operation

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**WIPFLI**

**For Microsoft Dynamics 365 Finance &  
Operations**

**User Instructions**

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## Overview

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ExpenseConnect is an integration application that integrates expense reports from Concur into Microsoft Dynamics D365 Finance and Operations (FO). With ExpenseConnect, companies using both Concur and FO can integrate expenses into FO into the FO general journal. ExpenseConnect reports come directly from Concur without any user intervention using the Concur Application Programming Interface (API) option and Dynamics FO managed interop. Refer to this document for the installation, usage, and definitions of ExpenseConnect.

## Prerequisites

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### Permissions

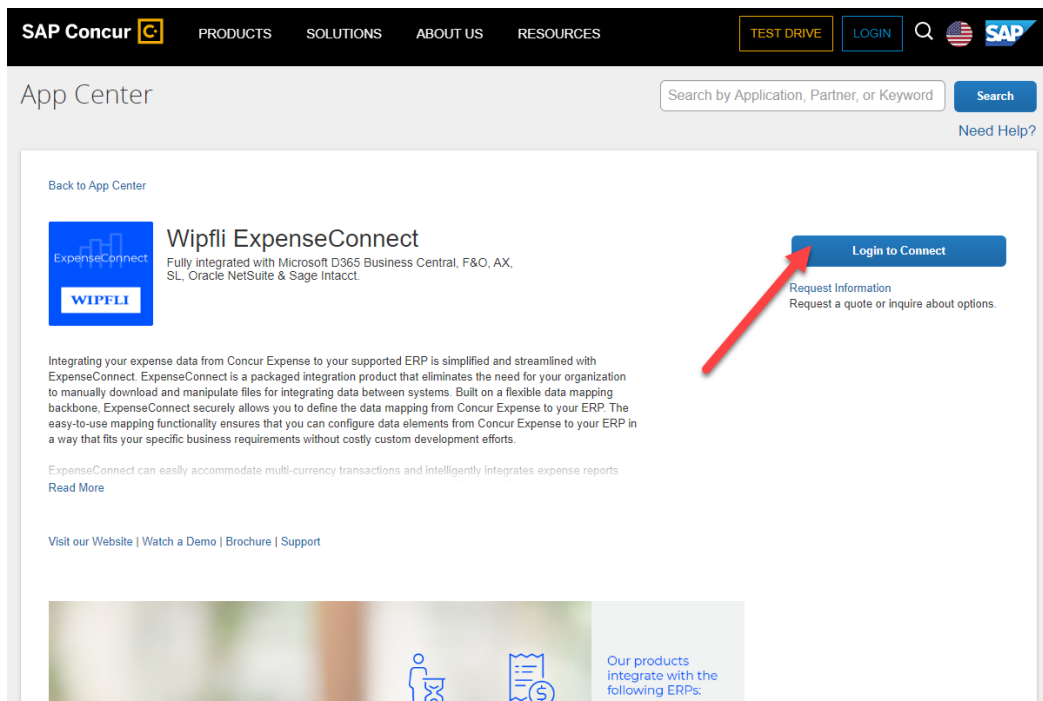
#### FO

Make sure you have access to the Asset Library in Lifecycle Services (LCS).

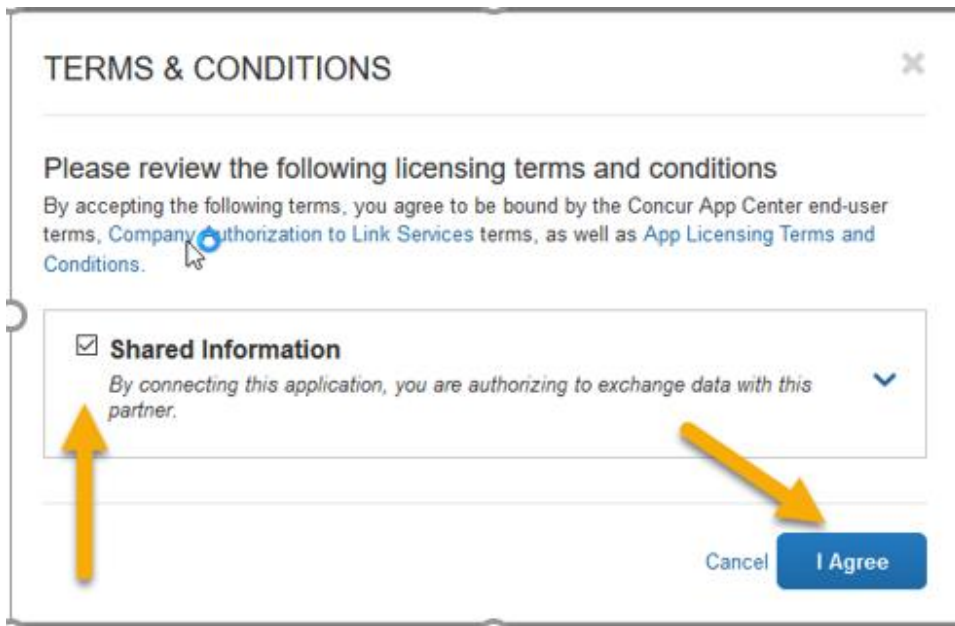
#### Concur

To create your Concur token, login to Concur as a Company Administrator.

1. Find the Wipfli ExpenseConnect application in the Concur App Center and click the Connect button.



## 2. Agree to the Concur Terms & Conditions



**TERMS & CONDITIONS**

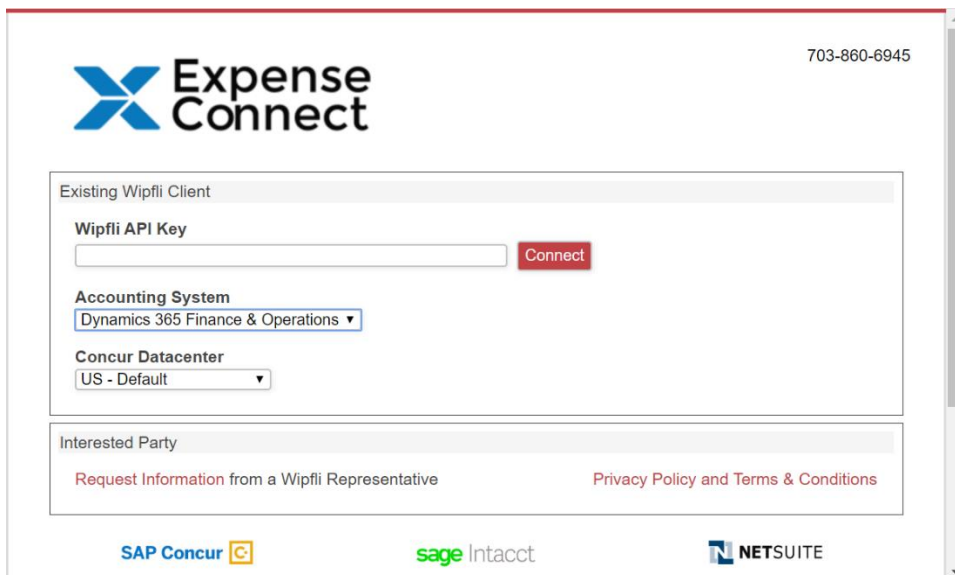
Please review the following licensing terms and conditions

By accepting the following terms, you agree to be bound by the Concur App Center end-user terms, [Company Authorization to Link Services terms](#), as well as [App Licensing Terms and Conditions](#).

☒ **Shared Information**  
By connecting this application, you are authorizing to exchange data with this partner.

Cancel **I Agree**

3. On the landing page, put in your Wipfli API Key. If you do not have an API key, reach out to a Wipfli consultant or account manager.



Expense Connect 703-860-6945

**Existing Wipfli Client**




Wipfli API Key  **Connect**

Accounting System  
Dynamics 365 Finance & Operations ▼

Concur Datacenter  
US - Default ▼

**Interested Party**

[Request Information from a Wipfli Representative](#) [Privacy Policy and Terms & Conditions](#)

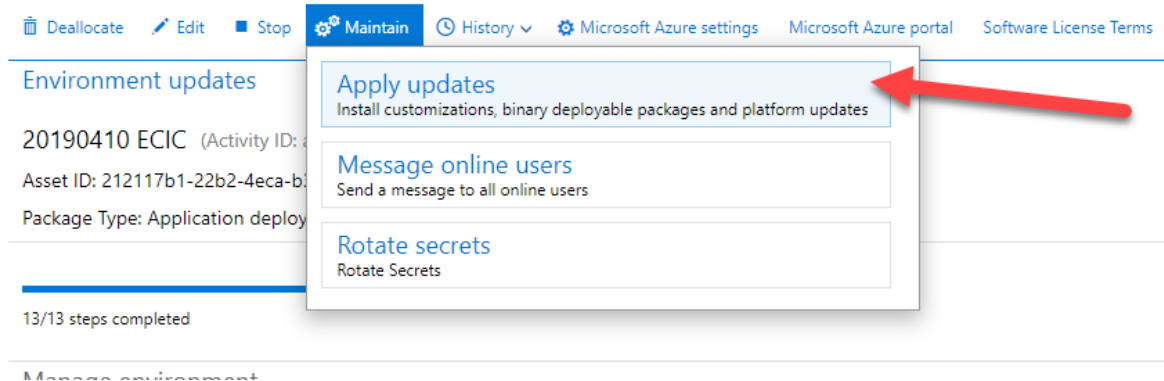
SAP Concur  sage Intacct  NETSUITE 

4. Choose Dynamics 365 Finance & Operations as the accounting system.
5. If outside of the US and a Concur site other than concursolutions.com is used, choose the appropriate data center.
6. Click the Connect button. When connected, there is a green message that says 'Successfully authenticated with Concur'.

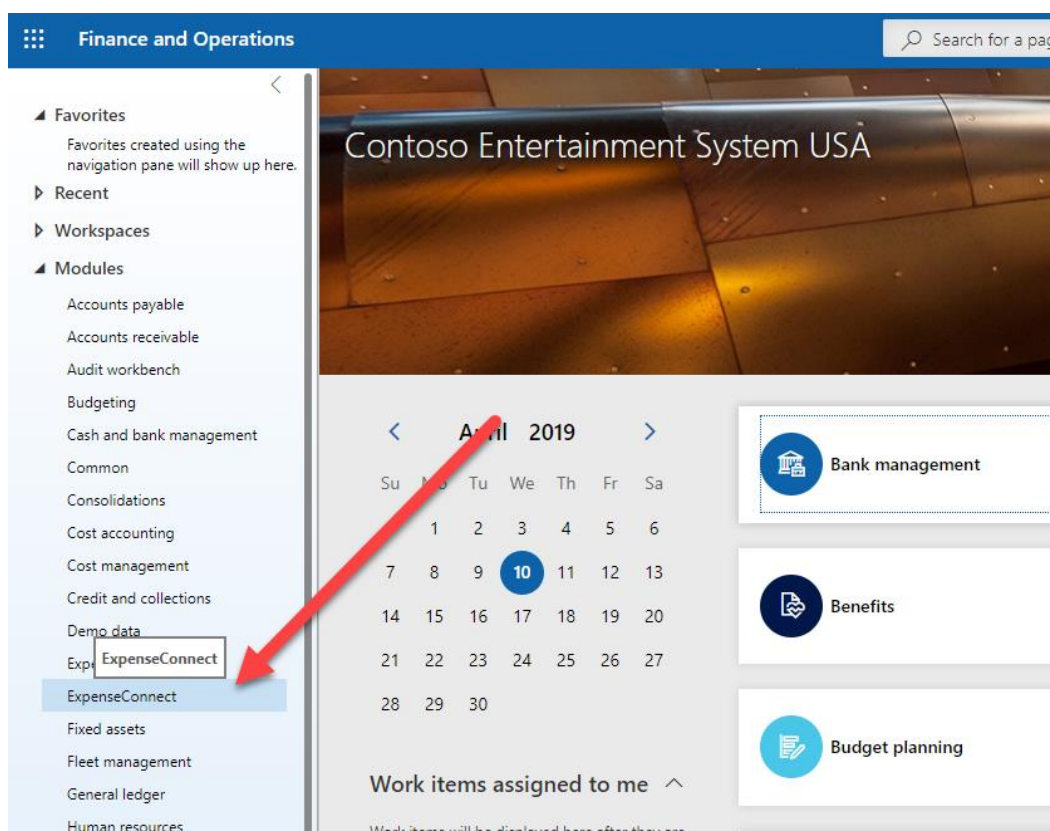
## Installation in a test environment using LCS

1. Take the deployment zip file given to you by your Wipfli implementation specialist and import it into your LCS Asset Library
2. In LCS, go into the environment to update, start it (if necessary), and click on Maintain → Apply Updates

### ConcurConnectDemo



3. Find the deployment artifact and click Apply
4. Once the installation is over, you can login to the environment and see ExpenseConnect in the menu



## Installation in a test environment using Command Line

1. On the virtual machine (VM), download the zip file provided from Wipfli for the deployable package. Make sure that the zip file is stored in a non-user folder.
  - a. After you download the zip file, right-click it, and then select Properties. Then, in the Properties dialog box, on the General tab, select Unblock to unlock the files.
2. Extract the files.
3. Open a Command Prompt window, and go to the folder where you extracted the deployable package.
4. Run the following command.
  - a. `AXUpdateInstaller.exe devinstall`
  - b. The **devinstall** option installs the AOT deployable package on the VM.
 

**\*\* This command doesn't run database synchronization. You must run database synchronization from Microsoft Visual Studio after you install the deployable package.**

More information regarding this process can be found here:

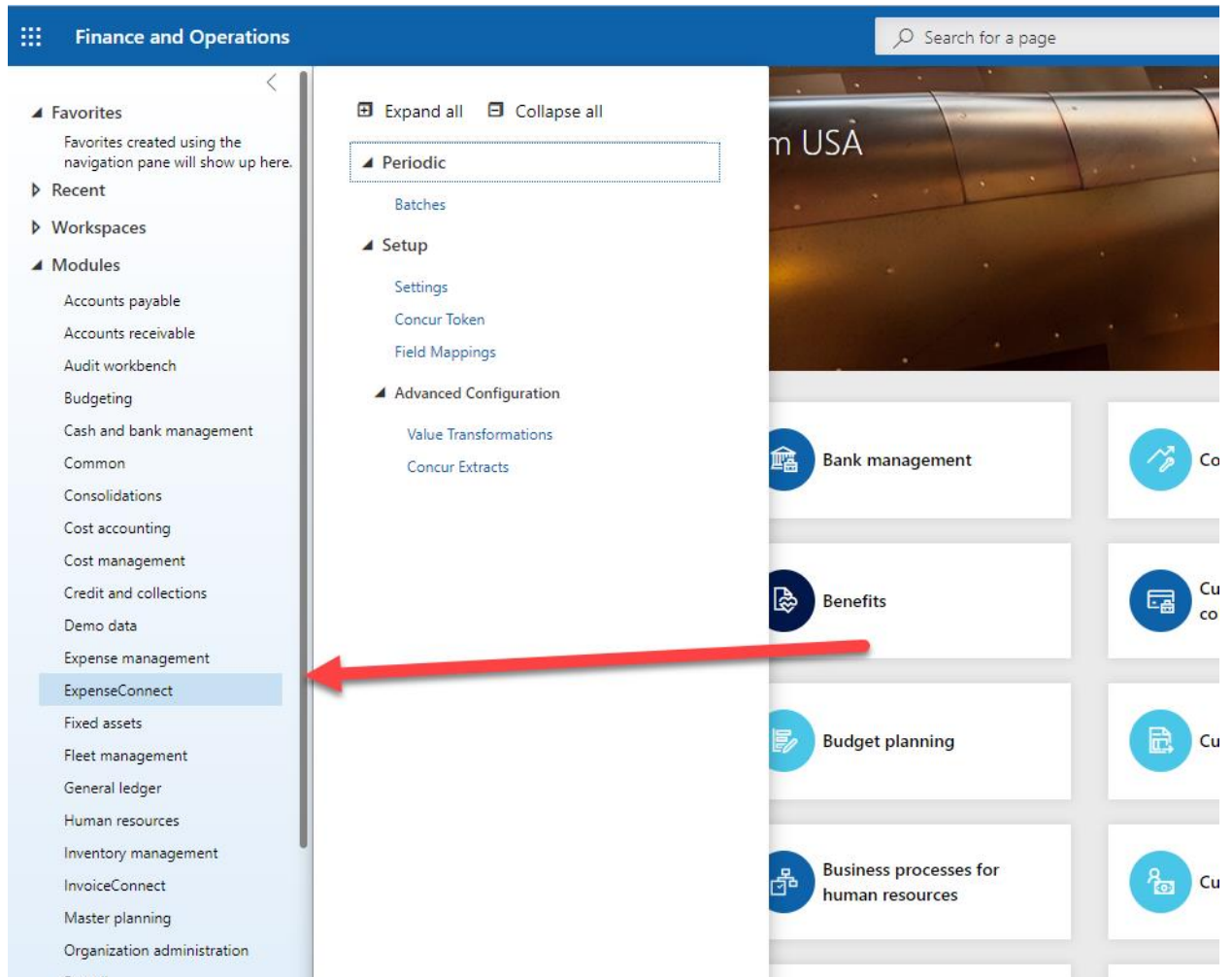
<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/deployment/install-deployable-package>

## F&O migration from test to live

1. Export out your field mappings, value transformations, and Concur extracts from the forms in the testing environment
2. Follow the same installation instructions from above
3. Re-apply your API Key, start date (and other settings), field mappings, value transformations, and Concur extracts into your live environment
4. Recreate a Concur token in your live environment

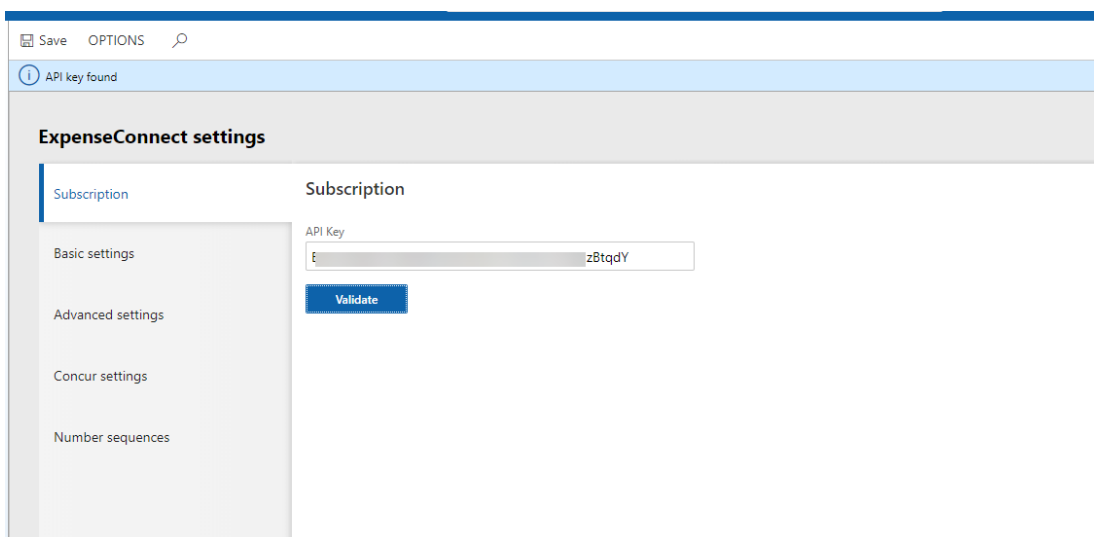
## ExpenseConnect configuration in FO

1. In FO, navigate to the ExpenseConnect home page using the navigation pane.



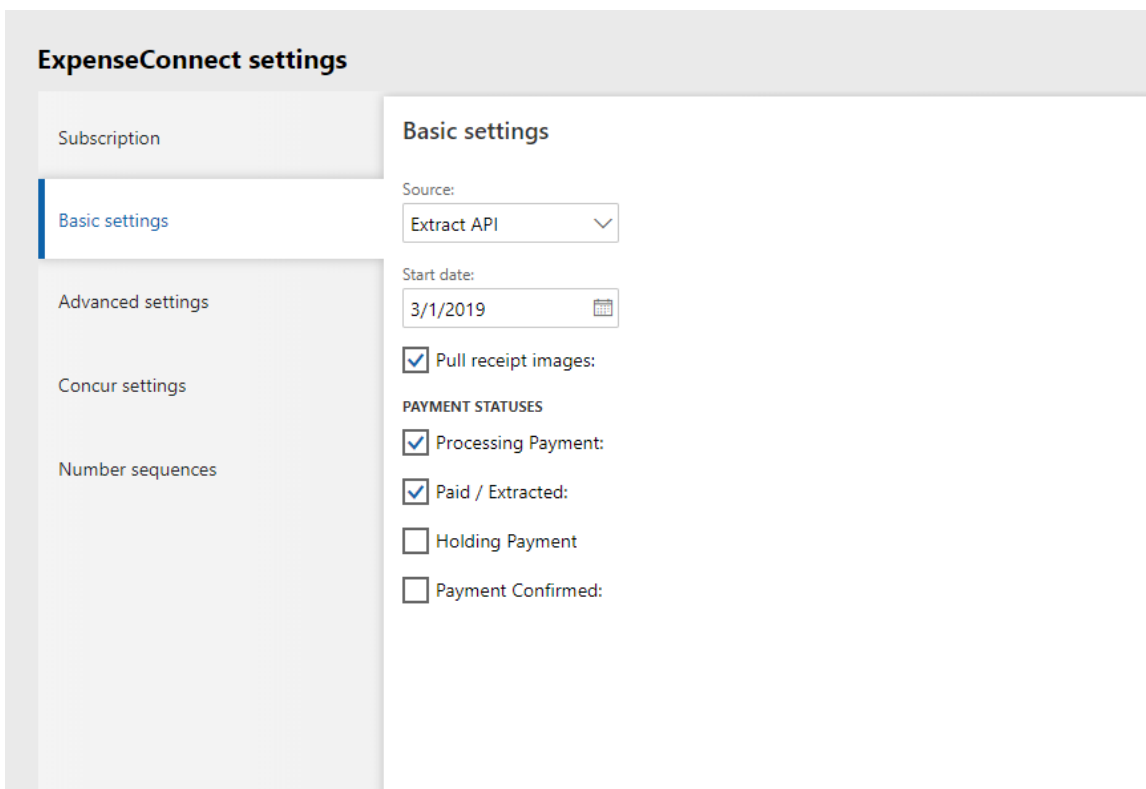
2. Open the Settings form and enter in the API Key provided by Wipfli to register the application. Click Validate to test it.





The screenshot shows the 'ExpenseConnect settings' page with the 'Subscription' tab selected. A message at the top indicates 'API key found'. The 'API Key' field contains the text 'z8tqdY'. A 'Validate' button is located below the field. The left sidebar lists other settings: 'Basic settings', 'Advanced settings', 'Concur settings', and 'Number sequences'.

- Under Basic Settings select a Start Date and Payment Statuses. These choices determine how far back to look for reports and which Concur Payment Status(es) reports need to be in for the connector to pull them.



The screenshot shows the 'ExpenseConnect settings' page with the 'Basic settings' tab selected. The 'Source' dropdown is set to 'Extract API'. The 'Start date' is set to '3/1/2019'. Under 'PAYMENT STATUSES', the checkboxes for 'Pull receipt images:', 'Processing Payment:', and 'Paid / Extracted:' are checked. The checkboxes for 'Holding Payment' and 'Payment Confirmed:' are unchecked. The left sidebar lists other settings: 'Subscription', 'Advanced settings', 'Concur settings', and 'Number sequences'.

4. SKIP THIS STEP IF TOKEN WAS CREATED THROUGH CONCUR APP CENTER (p. 3 in this guide).  
Open the Concur Token form and use the "WS Admin" Username and Password to Create a new token. After hitting Create Token, if a token is successfully created, you will see it in the Token textbox.

Save | Delete | OPTIONS

### ExpenseConnect Concur Token

[Refresh Token](#)

Username:

Password:

Create Token

Token:

Instance url:

Expiration date:

Refresh token:

5. Open the Field Mappings form to import the default field mappings provided by Wipfli. Edit the field mappings according to the company's need.

EXPENSECONNECT FIELD MAPPINGS

Switch destination:  
Ledger Journal Transaction

AX fieldname	Concur fieldname
UserDefined1	19
Credit Company	'USMF'
Amount	169
Currency Code	'USD'
Expense Account Type	'Project'
Expense Dimension 1	'000057'
Employee Credit Account Type	'Vend'
Employee Credit Dimension 1	56
Company Credit Account Type	'Vend'
Company Credit Dimension 1	56
Quantity	'1'
Description	69
Credit Description	27
Credit Method Of Payment	'CHECK'
Invoice Number	19
Project Date	Today
Project	'000057'
Project Category	'Meal'
Project Line Property	'NonBill'
Approver	'000001'

API Levels

User profile: No ☐

Report details: No ☐

Report owner: No ☐

Card transaction: No ☐

Expense entry: No ☐

Itemization: No ☐

Allocation: No ☐

Journal entry: No ☐

VAT data: No ☐

list object

List object: ☒ Code ☐ Value

6. Open the ExpenseConnect Batches form. You are now ready to test a batch. Start a batch by clicking the Process button. It should pull all the reports going back as far as the Settings Start Date for the Payment Status(es) selected in Settings.

EXPENSECONNECT BATCH

Process date: 4/10/2019

Batch ID: BEC-0000045 Created at: 4/10/2019 05:53:33 PM Process date: 4/1/2019 Status: Successful

Message: 8 Successful reports

Batch ID	Created at	Status	Message
BEC-0000045	4/10/2019	Successful	8 Successful reports
BEC-0000044	4/9/2019	Successful	1 Successful report
BEC-0000043	4/9/2019	Validation Errors	0 Successful reports. 11 Failed r...
BEC-0000040	4/9/2019	Validation Errors	11 Successful reports
BEC-0000039	4/9/2019	Exception	Nullable object must have a val...
BEC-0000038	4/4/2019	Exception	Nullable object must have a val...
BEC-0000037	4/3/2019	Exception	Nullable object must have a val...
BEC-0000036	3/29/2019	Successful	0 Successful reports
BEC-0000035	3/28/2019	Successful	1 Successful report
BEC-0000028	3/28/2019	Validation Errors	0 Successful reports. 1 Failed re...
BEC-0000013	3/21/2019	Validation Errors	1 Successful report
BEC-0000012	3/21/2019	Exception	Inserting Ledger Journal Vouche...
BEC-0000011	3/21/2019	Exception	1 Successful report
BEC-0000010	3/21/2019	Validation Errors	1 Successful report
BEC-0000009	3/21/2019	Validation Errors	0 Successful reports. 1 Failed re...
BEC-0000006	3/21/2019	Validation Errors	0 Successful reports. 1 Failed re...
BEC-0000005	3/21/2019	Validation Errors	0 Successful reports. 1 Failed re...
BEC-0000004	3/21/2019	Validation Errors	0 Successful reports. 1 Failed re...
BEC-0000003	3/21/2019	Validation Errors	0 Successful reports. 1 Failed re...

Overview

Report number	Description	Success	Voucher ID	Com...	Additional Info
1	Cash only	<input checked="" type="checkbox"/>	APIN000100	USMF	1967
2	Cash & CC	<input checked="" type="checkbox"/>	APIN000101	USMF	1967
3	Tax Hotel	<input checked="" type="checkbox"/>	APIN000102	USMF	1967
4	Cash w/o tax	<input checked="" type="checkbox"/>	APIN000103	USMF	1967
5	Cash w taxes	<input checked="" type="checkbox"/>	APIN000104	USMF	1967
6	Credito	<input checked="" type="checkbox"/>	APIN000105	USMF	1967
7	...	<input checked="" type="checkbox"/>	APIN000106	USMF	1967

System

Report number	Description	Record-ID	Concur Report Number
1	Cash only	5637147576	A56D0858F22A4814922D-APInvoice-USD-USMF-

## Installation media

The latest installation media is found here:

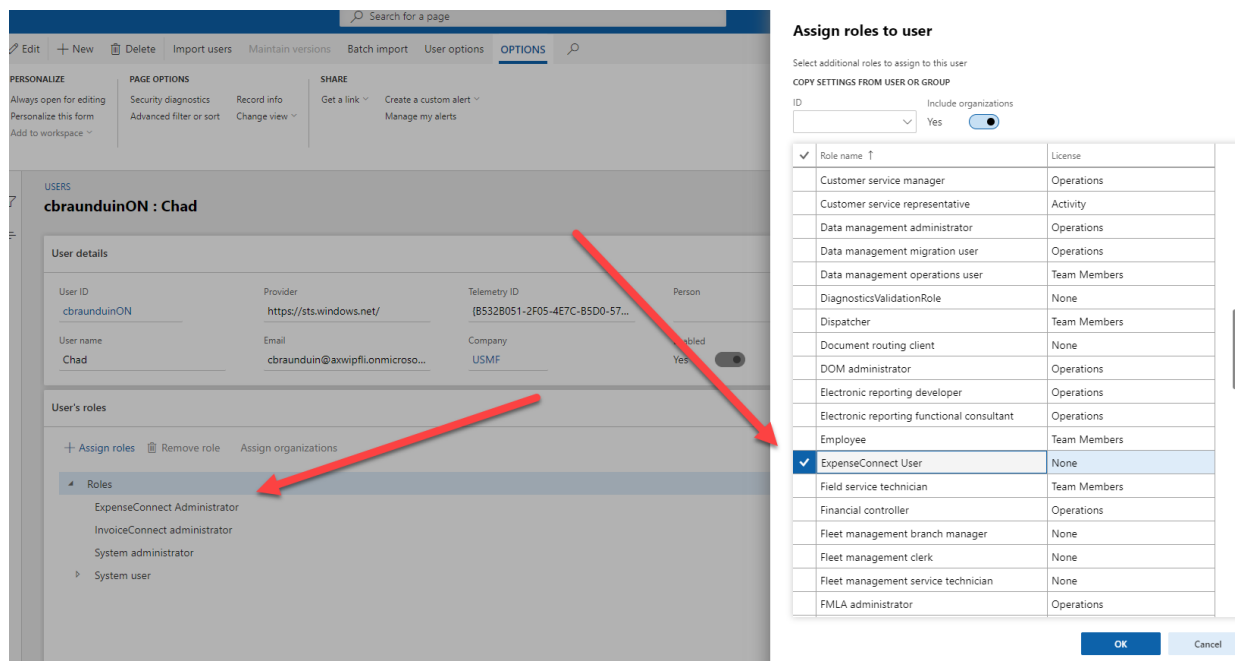
<https://brittip.blob.core.windows.net/ecfo/EC-AXDeployablePackage.zip>

## ExpenseConnect Security

The token used to access the Concur API is stored internally and all programmatic requests between Concur and ExpenseConnect are encrypted (HTTPS), so the token is never seen nor handled as plain text.

## FO Windows and Forms permissions for ExpenseConnect

Assign each user of ExpenseConnect either the ExpenseConnect Administrator role of the ExpenseConnect User role. The Administrator role can do everything within ExpenseConnect. The User role can only run EC Batches.



**Assign roles to user**

Select additional roles to assign to this user

COPY SETTINGS FROM USER OR GROUP

ID:  Include organizations: ☐ Yes ☒ No

Role name	License
Customer service manager	Operations
Customer service representative	Activity
Data management administrator	Operations
Data management migration user	Operations
Data management operations user	Team Members
DiagnosticsValidationRole	None
Dispatcher	Team Members
Document routing client	None
DOM administrator	Operations
Electronic reporting developer	Operations
Electronic reporting functional consultant	Operations
Employee	Team Members
<input checked="" type="checkbox"/> ExpenseConnect User	None
Field service technician	Team Members
Financial controller	Operations
Fleet management branch manager	None
Fleet management clerk	None
Fleet management service technician	None
FMLA administrator	Operations

OK Cancel

## Concur Site Overrides (Implementation sites)


If the Concur domain differs from [www.concursolutions.com](http://www.concursolutions.com) (the default for production Concur sites), the domain needs overridden in the Settings form → Concur settings tab.

If ExpenseConnect is implemented in a Concur implementation site, the Concur Key and Concur Secret fields need overridden. Obtain the Key and Secret fields after registering a new partner application in the Concur implementation site at Administration → Company → Web Services.

Choose an appropriate name and description, and select the following boxes:

- Expense Report
- Extract
- List Items
- Users

Scroll to the bottom and copy-and-paste the Key and Secret into the corresponding fields in the form.



**Application Authorization**

Company Domain:

Key:

Secret:

Save OPTIONS

### ExpenseConnect settings

- Subscription
- Basic settings
- Advanced settings
- Concur settings**
- Number sequences

#### Concur settings

Refresh token:  
Yes ☒

Group config ID(s):

Concur chunk size:

Concur domain:

Concur key:

Concur secret:

Renew the Concur token using the Concur Token form.

## ExpenseConnect Features

### Batches

Batches store a log of the integrations performed between Concur and FO along with a list off all the Concur reports integrated. During production, it is important not to delete Batches from ExpenseConnect because ExpenseConnect uses existing Batches in two ways:

1. ExpenseConnect uses the Created Date and Time of the last fully successful Batch as the Start Date of the next Batch. A Batch is considered fully successful only if all reports successfully integrate.
2. ExpenseConnect prevents duplicate integrations by checking the existing Batch Report lists before integrating a report.

When first creating a Batch, there is an editable field called the Process date that defaults to today's date. By changing the date field, ExpenseConnect imports a Batch at an earlier or later date. For example, if reports need imported on the last day of the month, but the last day of the month falls on a Sunday, the reports can be run on the following Monday by changing the Current Date to Sunday's date.

If a report will not integrate, prevent ExpenseConnect from continuing to try to integrate the report by selecting the "Success" checkbox. In production, it is best to find the root cause of a report not integrating before choosing to skip reports.

The screenshot shows the ExpenseConnect interface. On the left, a table lists batches with columns: Batch ID, Created at, Status, and Message. The batch BEC-000043 is selected, showing a status of 'Validation Errors' and a message '0 Successful reports. 11 Failed r...'. On the right, the 'Overview' section shows a 'Report Details' table with columns: Report number, Description, Success, Voucher ID, Com..., and Additional Info. A red arrow points to the 'Success' checkbox in the 'Report Details' table for report number 1, 'Cash&CreditCard'.

Batch ID	Created at	Status	Message
BEC-000045	4/10/2019	Successful	8 Successful reports
BEC-000044	4/9/2019	Successful	1 Successful report
BEC-000043	4/9/2019	Validation Errors	0 Successful reports. 11 Failed r...
BEC-000040	4/9/2019	Validation Errors	11 Successful reports
BEC-000039	4/9/2019	Exception	Nullable object must have a val...
BEC-000038	4/4/2019	Exception	Nullable object must have a val...
BEC-000037	4/3/2019	Exception	Nullable object must have a val...
BEC-000036	3/29/2019	Successful	0 Successful reports
BEC-000035	3/28/2019	Successful	1 Successful report
BEC-000028	3/28/2019	Validation Errors	0 Successful reports. 1 Failed re...
BEC-000013	3/21/2019	Validation Errors	1 Successful report
BEC-000012	3/21/2019	Exception	Inserting Ledger Journal Vouche...
BEC-000011	3/21/2019	Exception	1 Successful report
BEC-000010	3/21/2019	Validation Errors	1 Successful report
BEC-000009	3/21/2019	Validation Errors	0 Successful reports. 1 Failed re...
BEC-000006	3/21/2019	Validation Errors	0 Successful reports. 1 Failed re...

Report number	Description	Success	Voucher ID	Com...	Additional Info
1	Cash&CreditCard	<input type="checkbox"/>		U1SM	1963
2	Amex&Cash	<input type="checkbox"/>		U1SM	1963
3	ProjectBilling	<input type="checkbox"/>		U1SM	1963
4	ProjectBillingAmex	<input type="checkbox"/>		U1SM	1963
5	Taxes	<input type="checkbox"/>		U1SM	1963
6	Trip Montana	<input type="checkbox"/>		U1SM	1962
7	CC edit	<input type="checkbox"/>		U1SM	1963

### Payment Statuses

It is possible to configure ExpenseConnect to integrate reports from four different Concur payment statuses:

- Processing Payment
- Paid / Extracted for Payment
- Holding Payment
- Payment Confirmed

With the box selected for one of these statuses in the Settings form, ExpenseConnect integrates all of the reports transferred to that status on or after the date of the last fully successful batch.

***Scheduling Batches***

To schedule batches to run automatically, open the Batches form and click on the Schedule Run button. That will open a scheduler setup form. The important choices to make on this form are:

1. What value will populate in the Processing Date field. There are 4 choices that should be selected based on accounting need
2. Select Yes for Batch Processing
3. Click on the Recurrence link to configure when the schedule will run



## ExpenseConnect Batch Run Setup

### Parameters

Processing Date Default

First Date of Current Month

### Run in the background

Recurrence

Alerts

Batch processing

Yes



Task description

ExpenseConnect Batch

Batch group



Private

No



Critical Job

No



Monitoring category



Start date: 4/10/2019 (07:33:13 pm) (GMT) Coordinated Universal Time

OK

Cancel

## Debugging Validation Errors

Sometimes Concur expense reports fail to integrate when data they contain is not valid. The main causes are:

- An invalid Ledger account of dimension
- An invalid Ledger name
- A Transaction date in a closed period

When this happens, it is important to know how to debug those validation issues. First, identify which report caused the error. Sometimes identification can be a multi-step process.

### Step 1: Open the Error Log to identify the problem

The screenshot shows the SAP Concur ExpenseConnect interface. The 'Error log' tab is selected, displaying a list of validation errors. A red arrow points to the 'Error log' tab. Another red arrow points to the 'Validation Errors' status for a specific batch (BEC-0000043).

Batch ID	Created at	Status	Message
BEC-0000045	4/10/2019	Successful	8 Successful reports
BEC-0000044	4/9/2019	Successful	1 Successful report
BEC-0000043	4/9/2019	Validation Errors	0 Successful reports. 11 Failed r...
BEC-0000040	4/9/2019	Validation Errors	11 Successful reports
BEC-0000039	4/9/2019	Exception	Nullable object must have a val...
BEC-0000038	4/4/2019	Exception	Nullable object must have a val...
BEC-0000037	4/3/2019	Exception	Nullable object must have a val...
BEC-0000036	3/29/2019	Successful	0 Successful reports
BEC-0000035	3/28/2019	Successful	1 Successful report
BEC-0000028	3/28/2019	Validation Errors	0 Successful reports. 1 Failed re...
BEC-0000013	3/21/2019	Validation Errors	1 Successful report
BEC-0000012	3/21/2019	Exception	Inserting Ledger Journal Vouche...
BEC-0000011	3/21/2019	Exception	1 Successful report
BEC-0000010	3/21/2019	Validation Errors	1 Successful report

Overview

Report number	Description	Success	Voucher ID	Com...	Additional Info
1	Cash&CreditCard	<input type="checkbox"/>		U1SM	1963
2	Amex&Cash	<input type="checkbox"/>		U1SM	1963
3	ProjectBilling	<input type="checkbox"/>		U1SM	1963
4	ProjectBillingAmex	<input type="checkbox"/>		U1SM	1963
5	Taxes	<input type="checkbox"/>		U1SM	1963
6	Trip Montana	<input type="checkbox"/>		U1SM	1962
7	...	<input type="checkbox"/>		U1SM	1962

Step 2: Find the Report Details for an offending report by clicking on the Report Details button. This gives us all of the data pulled from Concur. Open it in an XML viewer (e.g. Internet Explorer, Notepad).

The screenshot shows the SAP Concur ExpenseConnect interface. The 'Report Details' button is highlighted with a red arrow. The 'Report Details' tab is selected, displaying a list of report details.

Report number	Description	Success	Voucher ID	Com...	Additional Info
1	Cash&CreditCard	<input type="checkbox"/>		U1SM	1963
2	Amex&Cash	<input type="checkbox"/>		U1SM	1963
3	ProjectBilling	<input type="checkbox"/>		U1SM	1963
4	ProjectBillingAmex	<input type="checkbox"/>		U1SM	1963
5	Taxes	<input type="checkbox"/>		U1SM	1963
6	Trip Montana	<input type="checkbox"/>		U1SM	1962
7	...	<input type="checkbox"/>		U1SM	1962

Step 3: After identifying the issue, fix the issue in either Concur or FO (whichever is more appropriate), and re-run another batch

### Transaction Splitting

In the course of integrating expense reports into FO, reports split into different FO journals and vouchers.

#### *Ledger Journal*

Journal records split because of the following differences:

- LedgerName
- Currency Code
- Company ID

#### *Ledger Journal Voucher*

Vouchers split for the following differences:

- Credit Dimension Ledger Account
- Transaction Date
- Exchange Rate
- Extra Grouping Key (A pseudo field which can cause vouchers to split if desired)

### Field Mapping

Values in Concur map to fields in FO via entries in the Field Mappings ExpenseConnect form. There are a few rules to follow when mapping fields.

- Using the Expense API, Concur fields map by entering the exact (case-sensitive) fieldname into the Concur Fieldname field. Example: ReportName
- Using the Extract API, Concur fields map by entering the 1-based ordinal of which column number they are in the file. Example: 19
- Map literal values by enclosing them with single quotes. Example: 'EC'
- Fields concatenate together by delimiting them with an ampersand or comma. Using a comma puts a space in between the fields whereas using an ampersand does not include a space.
  - Example: ExpenseTypeName,Amount (produces: Lunch 15.46)
  - Example: 'EC-''&ReportKey (produces: EC-2883)
- Custom fields in Concur are not just straight values. They are XML elements, which have sub-elements of "Code" and "Value". Use the List Object field to select which of these to use. Code is the most common choice.
- It is possible to map a value from a specific level(s) of the Concur API response. This is sometimes necessary if, for example, the field Custom1 contains project values in the

ExpenseEntry section but department values in the Allocation section. If project values need mapping, edit the mapping record by selecting the appropriate API level(s).

In the screenshot below, the description will only be pulled from the Report details and Expense entry sections. The other sections will be skipped.

EXPENSECONNECT FIELD MAPPINGS

Switch destination:  
Ledger Journal Transaction

AX fieldname	Concur fieldname
✓ UserDefined1	19
Credit Company	'USMF'
Amount	169
Currency Code	'USD'
Expense Account Type	'Project'
Expense Dimension 1	'000057'
Employee Credit Account Type	'Vend'
✓ Employee Credit Dimension 1	56
Company Credit Account Type	'Vend'
Company Credit Dimension 1	56
Quantity	'1'
Description	69
Credit Description	27
Credit Method Of Payment	'CHECK'
Invoice Number	19
Project Date	Today
Project	'000057'
Project Category	'Meal'
Project Line Property	'NonBill'
Approver	'000001'

**API Levels**

User profile: No ☐

Report details: Yes ☒

Report owner: No ☐

Card transaction: No ☐

Expense entry: Yes ☒

Itemization: No ☐

Allocation: No ☐

Journal entry: No ☐

VAT data: No ☐

**list object**

List object: ☐ Code ☐ Value

- It is also possible to map conditionals. In the example below, ExpenseConnect first finds the value of the Concur field PayeePaymentTypeName. If that value is "Employee", it returns the value of the Concur field ExpenseTypeName, otherwise it returns the literal value 'Other'. In this example, 'Other' is the default value because it has a blank conditional check. As many conditionals as needed may be used. The pipe character ( | ) divides up the conditionals. A colon character ( : ) separates each conditional check with the conditional result. A question mark character ( ? ) tells ExpenseConnect to treat the text as a conditional expression.

PayeePaymentTypeName?Employee:ExpenseTypeName| : 'Other'

It is also possible to nest conditions by using parenthesis such as this:

PayeePaymentTypeCode?CBCP: '1517' | : (OrgUnit1?US~UK: '1010' | : '2010')

It is also possible to concatenate conditional results by using parenthesis such as this:

PayeePaymentTypeCode?1000: 'American Express' | : (PayeePaymentTypeCode, 'Unknown'), 'Card'

The above conditional results in one of the following lines:

American Express Card  
1001 Unknown Card

The tilde character ( ~ ) delimits multiple conditional checks. In the above case, '1010' is the return if OrgUnit1 is either "US" or "UK". Otherwise, '2010' is the return.

As a conditional check, use the underscore character for not found values:

Custom1?\_: '00' | :Custom1

In the above case, if Custom1 is blank or not found in the Concur data, '00' is the return.

Otherwise, the value from Custom1 is the return.

It is also possible to do simple math operations if both sides resolve to a number:

TransactionAmount\*'1.05'

The TransactionAmount multiplies by 1.05.

Find the possible fields to map from Concur under the "Response" header at the following link:

<https://developer.concur.com/api-reference-deprecated/version-two/expense-reports/expense-report-get.html>

Review the exact Concur API response by opening up the Report Details.xml text file on the Batch Reports line.

## Value Transformations

EXPENSECONNECT VALUE TRANSFORMATIONS						
Filter		Switch destination: Ledger Journal Transaction				
✓	Group id ↓	Name	Op	Source value	Name	Transform value
	0	Expense Dimension 1	Equals	6035	Expense Dimension 1	600350

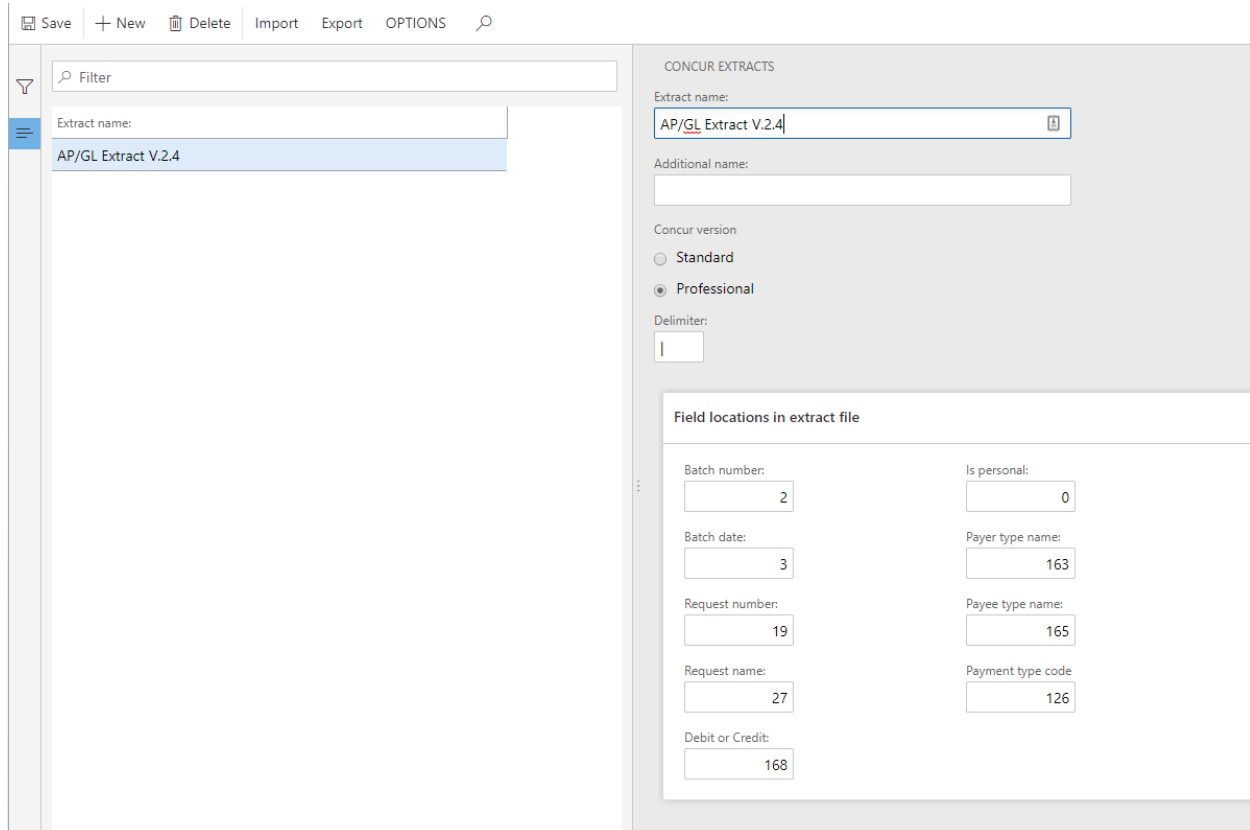
Value Transformations work with Field Mappings to transform FO values into other values. Value Transformations (VTs), unlike Field Mappings, act on already mapped values and not directly on fields from Concur data. Here are several cases for using VTs:

- To correct mistakes in Concur that are not easily fixed (e.g. incorrect natural account)
- To work with a single Concur configuration value that is used in several places. For example, if a customer has an account number string where the first financial dimension segment denotes the company, that segment value may need to direct that report line to the appropriate company value. If the segment value is "100" and the company name is "AAA", a VT can transform the company to be AAA whenever 100 is mapped to the Employee Dimension 2 value.
- VTs can group together using the Group value to create transformations from multiple criteria (e.g. a transformation on an entire account string instead of just a single segment).

Whenever possible, fix the data in Concur rather than using a Value Transformation.

## Concur Extract

The Concur Extract setup form is only necessary if using the Extract API source.



The screenshot displays the 'CONCUR EXTRACTS' setup form. The left sidebar shows a list of extracts with 'AP/GL Extract V.2.4' selected. The main form area contains the following fields:

- Extract name:** AP/GL Extract V.2.4
- Additional name:** (empty field)
- Concur version:** ☐ Standard, ☒ Professional
- Delimiter:** (empty field)
- Field locations in extract file:**

Field	Value
Batch number:	2
Batch date:	3
Request number:	19
Request name:	27
Debit or Credit:	168
Is personal:	0
Payer type name:	163
Payee type name:	165
Payment type code:	126

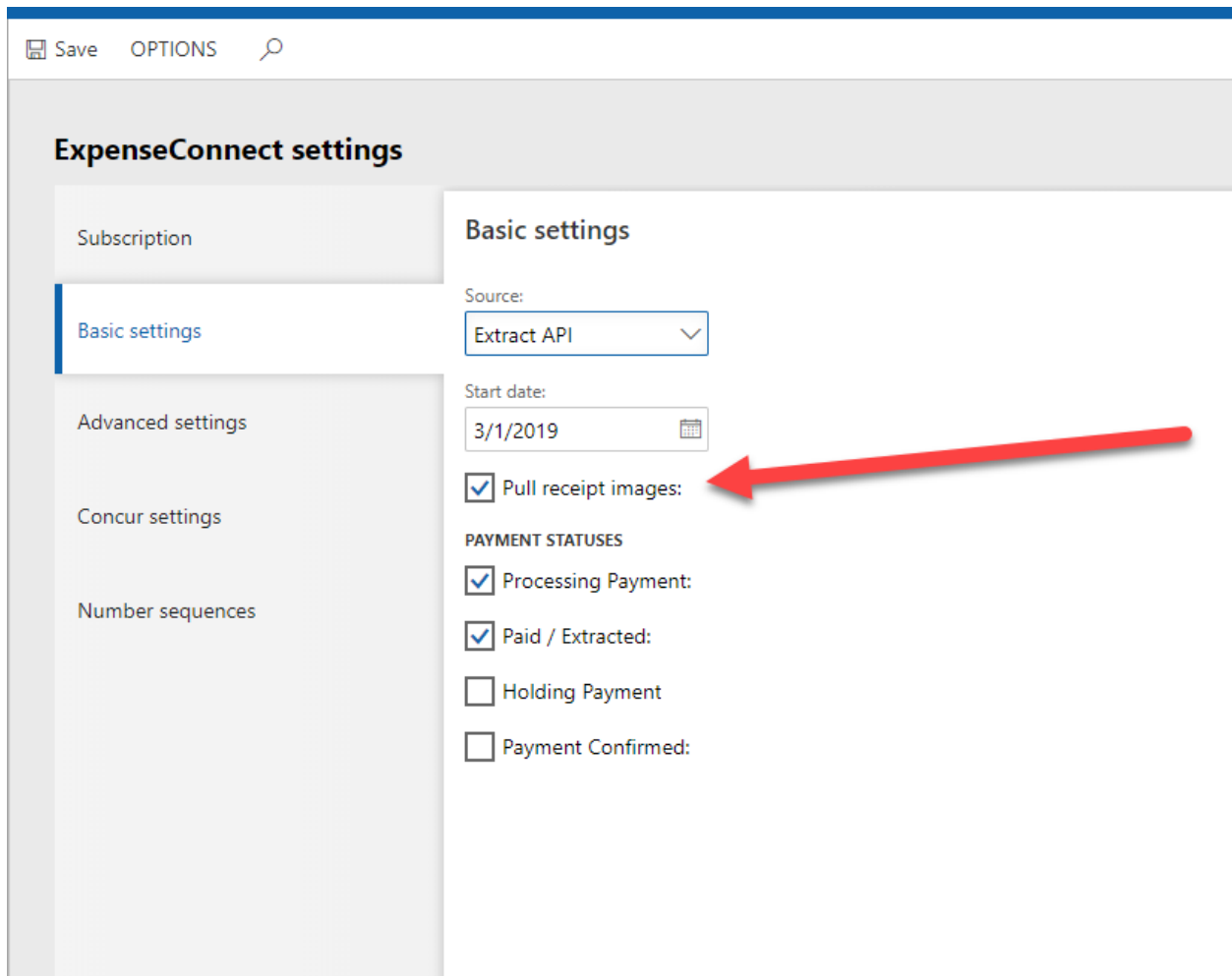
- **Extract Name:** A Concur system can have multiple extracts setup. The Extract Name is the name of the expense extract that ExpenseConnect uses. Use the Additional name field to configure multiple names for the same extract format. Generally, the additional name is only needed if you have an "Emergency Run" extract in Concur.
- **Concur Version:** The extracts look and work differently between Concur versions. Set the radio button to the correct Concur version.
- **Delimiter:** The different Concur versions use a different delimiter character to delimit the fields of data.
- **Field Locations in Extract File:** ExpenseConnect uses certain fields to drive behavior, so identify these fields before configuring the field mappings. Define the field locations and their 1-based column indexes in the Field Locations in extract file section. A field with a negative number or zero means it is not in the extract detail and it should be blank or default to the value from the extract header.

## Receipt Images

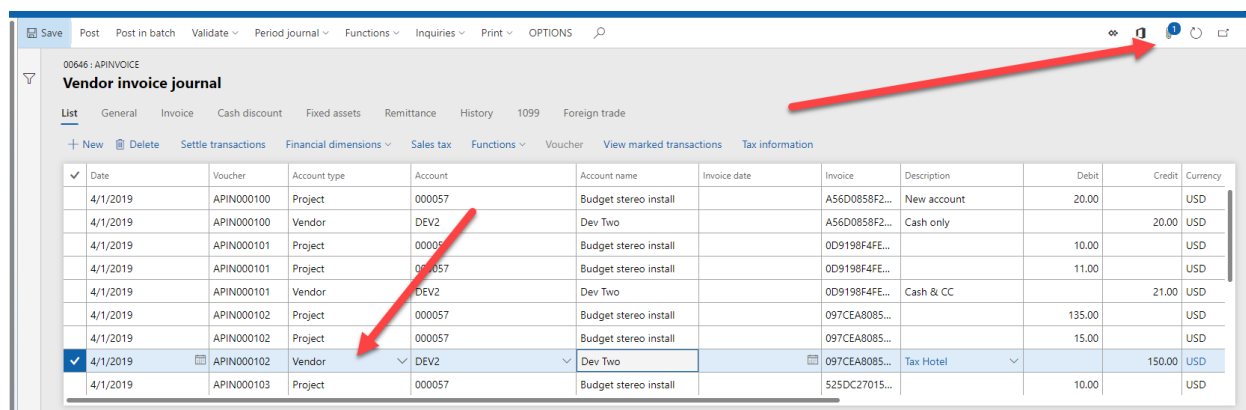
Select the Pull receipt images checkbox in the Settings form and the receipt image will import as an FO Attachment on the Ledger Journal Transaction credit line.

This requires that document attachments have first been setup and configured in FO for the table LedgerJournalTrans. Here is a link explaining how to setup document management in FO.

<https://technet.microsoft.com/en-us/library/dn636897.aspx?f=255&MSPPError=-2147217396>



For all vouchers that have receipt images, they will be accessible on the credit line of the voucher by clicking on the document attachment button from the status bar. If you are using the "offset style" mappings, this file will be accessible on the first line of each voucher.



00646: APINVOICE

**Vendor invoice journal**

List General Invoice Cash discount Fixed assets Remittance History 1099 Foreign trade

+ New Delete Settle transactions Financial dimensions Sales tax Functions Voucher View marked transactions Tax information

✓	Date	Voucher	Account type	Account	Account name	Invoice date	Invoice	Description	Debit	Credit	Currency
	4/1/2019	APIN000100	Project	000057	Budget stereo install		A56D0858F2...	New account	20.00		USD
	4/1/2019	APIN000100	Vendor	DEV2	Dev Two		A56D0858F2...	Cash only		20.00	USD
	4/1/2019	APIN000101	Project	000057	Budget stereo install		0D9198F4FE...		10.00		USD
	4/1/2019	APIN000101	Project	000057	Budget stereo install		0D9198F4FE...		11.00		USD
	4/1/2019	APIN000101	Vendor	DEV2	Dev Two		0D9198F4FE...	Cash & CC		21.00	USD
	4/1/2019	APIN000102	Project	000057	Budget stereo install		097CEA8085...		135.00		USD
	4/1/2019	APIN000102	Project	000057	Budget stereo install		097CEA8085...		15.00		USD
✓	4/1/2019	APIN000102	Vendor	DEV2	Dev Two		097CEA8085...	Tax Hotel		150.00	USD
	4/1/2019	APIN000103	Project	000057	Budget stereo install		525DC27015...		10.00		USD

## Current Limitations

The sections below explain the current limitations of ExpenseConnect.

### Marking integrated reports as “Paid” back into Concur

The current functionality of ExpenseConnect cannot synchronize reports paid in FO as “Paid” back into Concur.

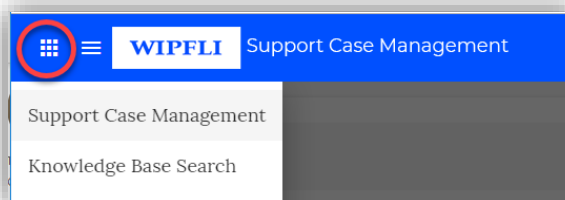
### Cash Advances

The Concur API does not give enough information to parse out properly the amount owed to individuals with the use of Cash Advances. The workaround is to use the Extract API if you using Concur Cash Advances.

## Wipfli Support

For Wipfli support with ExpenseConnect, please create a support ticket using the [Wipfli Service Center Portal](#). Your account information will be provided to you from your Wipfli implementation team at once you are fully implemented.

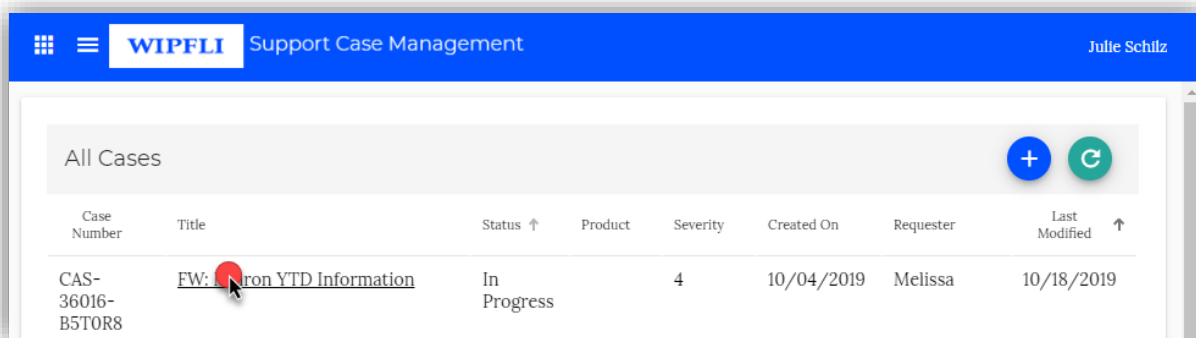
Once in the Wipfli Digital Portal, you can view, submit, and manage your cases via Support Case Management. You will also notice a Knowledge Base Search section you can use to search for previously discovered topics and resolutions.





In **Support Case Management**, view your Cases or “All Cases” for your Company.

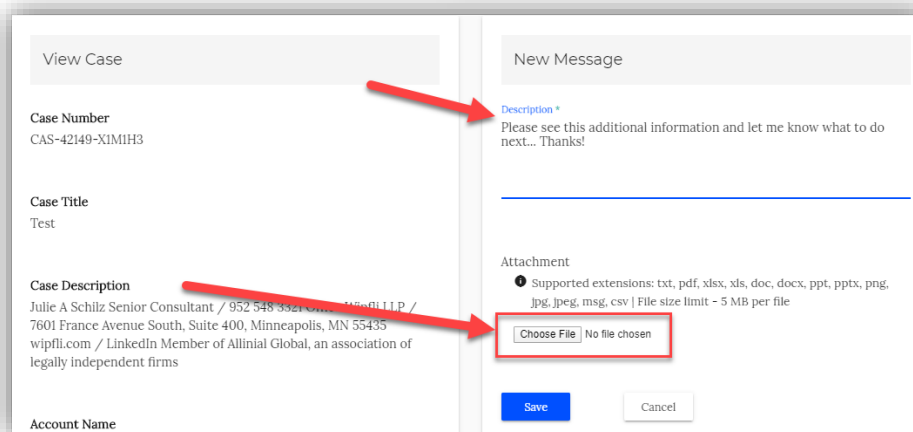
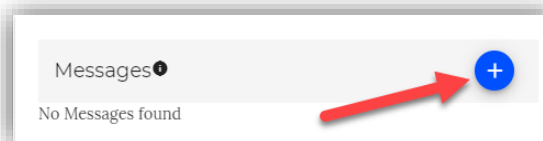
- Sort your list by clicking on any column header.
- Create new cases by using the blue add button at the right.
- Drill into an existing case by clicking the hyper-linked title.



Case Number	Title	Status ↑	Product	Severity	Created On	Requester	Last Modified ↑
CAS-36016-B5T0R8	<a href="#">FW: Iron YTD Information</a>	In Progress		4	10/04/2019	Melissa	10/18/2019

In the case, view updates and attachments from the Owner of your case on the right-hand side of the screen.

You can also use the Message section on the right for direct communication.



**View Case**  
  
**Case Number**  
CAS-42149-XIMIH3  
  
**Case Title**  
Test  
  
**Case Description**  
Julie A Schilz Senior Consultant / 952.548.3321 ext. 445 @ WIPFLI / 7601 France Avenue South, Suite 400, Minneapolis, MN 55435  
wipfli.com / LinkedIn Member of Allinial Global, an association of legally independent firms  
  
**Account Name**

**New Message**  
  
**Description \***  
Please see this additional information and let me know what to do next... Thanks!  
  
**Attachment**  
Supported extensions: txt, pdf, xlsx, xls, doc, docx, ppt, pptx, png, jpg, jpeg, msg, csv | File size limit - 5 MB per file  

Choose File No file chosen

Save Cancel