

# **Shared : SAP Integration with Concur Solutions for SAP S/4HANA Cloud**

## **Setup Guide for Professional Edition**

**Last Revised: February 24, 2024**

Applies to these SAP Concur solutions:

- Expense
    - Professional/Premium edition
    - Standard edition
  
  - Travel
    - Professional/Premium edition
    - Standard edition
  
  - Invoice
    - Professional/Premium edition
    - Standard edition
  
  - Request
    - Professional/Premium edition
    - Standard edition
-



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January 23 2018	New guide. This guide contains content for SAP S/4HANA Cloud. There is now a separate guide for the SAP ERP: On-Premise and S/4HANA: On-Premise financial systems, titled <i>Expense: SAP ICS for SAP ERP: On-Premise and S/4HANA: On-Premise Setup Guide for SAP Concur Professional Edition</i> .





# SAP Integration with Concur Solutions for SAP S/4HANA Cloud

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**NOTE:** Multiple SAP Concur product versions and UI themes are available, so this content might contain images or procedures that do not precisely match your implementation. For example, when SAP Fiori UI themes are implemented, home page navigation is consolidated under the SAP Concur Home menu.

## 1 Permissions

**NOTE:** Multiple SAP Concur product versions and UI themes are available, so this content might contain images or procedures that do not precisely match your implementation. For example, when SAP Fiori UI themes are implemented, home page navigation is consolidated under the SAP Concur Home menu.

A company administrator may or may not have the correct permissions to use this feature. The administrator may have limited permissions, for example, they can affect only certain groups and/or use only certain options (view but not create or edit).

If a company administrator needs to use this feature and does not have the proper permissions, they should contact the company's SAP Concur administrator.

Also, the administrator should be aware that some of the tasks described in this guide can be completed only by SAP Concur. In this case, the client must initiate a service request with SAP Concur Client Support.

## 2 Overview

The SAP ICS for SAP S/4HANA Cloud allows clients to connect their Concur Expense and/or Concur Invoice service to their SAP financial system. The integration supports source data replication and financial posting.

Concur Expense and Concur Invoice are generically referred to as the SAP Concur solutions in this guide. Any information that is specific to one solution is marked.

Clients that are using the source data replication load their cost object and vendor data from SAP S/4HANA Cloud to their SAP Concur solution during the implementation. This data is updated in the SAP Concur solution by the integration on a client-specified schedule.

The cost object data replication may be completed two different ways:

- **Existing Concur Clients:** The configurability of the SAP Concur solutions means that existing clients may be using a variety of fields to capture the cost object data. In the ICS, the relevant fields in the SAP Concur solution are mapped to the supported SAP cost object fields. The supported SAP fields are: Logical System, Company Code, Business Area, Country, Controlling Area, Cost Object Type, and Cost Object ID.
- **New Concur Clients:** New clients use the default field mapping in the SAP Concur solutions and SAP S/4HANA Cloud for the cost objects and may add custom fields that map to the supported SAP fields if necessary.

Clients that are using the financial posting queue expense reports, cash advances, and invoices that are ready to be posted in the SAP Concur solution, then the ICS requests them at the scheduled intervals, using APIs from the SAP Concur Platform. The integration manages the transmission of financial data from the SAP Concur solution to SAP S/4HANA Cloud, and the transmission of status information from SAP S/4HANA Cloud to the SAP Concur solution. The client will see financial posting status information in the audit trail of the expense report, cash advance, or invoice.

The ICS can synchronize the following types of information between the SAP Concur solutions and SAP S/4HANA Cloud:

- Expense Reports: Concur Expense → SAP S/4HANA Cloud
- Expense Report Posting Status: SAP S/4HANA Cloud → Concur Expense and/or Concur Invoice
- Cash Advances: Concur Expense → SAP S/4HANA Cloud
- Invoices: Concur Invoice → SAP S/4HANA Cloud
- Invoice Posting Status: SAP S/4HANA Cloud → Concur Invoice
- Cost Object Data: SAP S/4HANA Cloud → Concur Expense and/or Concur Invoice
- Vendor Source Data: SAP S/4HANA Cloud → Concur Invoice

The following functionality is also supported by the integration:

- Expense Pay
- Invoice Pay

## 2.1 Features

The integration resolves a common issue with the accounting extract- the inability to change reports, cash advances, or invoices once they have been extracted. The standard accounting extract process locks reports/advances/invoices when it extracts them, making it impossible to make corrections in the SAP Concur solution after the extract. The integration provides a more responsive system, adding the financial posting to the report/invoice workflow. The report/invoice is posted to the financial system but is not marked as extracted in the SAP Concur solution. Any problems with posting appear in the SAP Concur solution, where they can be identified and corrected. Once the data is corrected, the reports/invoices can be queued again, to post successfully in SAP S/4HANA Cloud. After receiving the confirmation from the ICS that the posting was successful, the SAP Concur solution updates the report/invoice payment status to *Posted* (if configured).

The customer can configure a payment confirmation step in the SAP system, which will move expense reports to the *Payment Confirmed* workflow step after the payments are complete in the SAP system. This functionality is only available for expense reports and requires configuration in Concur Expense.



For more information, refer to the *6.3.2.12 Step 12: (Optional) Configure the Payment Confirmation Workflow Step* section of this guide.

The integration works with Concur Expense Professional/Premium Edition and Concur Invoice Professional/Premium Edition. The integration allows clients to:

- Send cost object data from SAP S/4HANA Cloud to the SAP Concur solution, keeping the SAP Concur solution up to date with the latest information.

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**NOTE:** During implementation, clients decide which cost objects to include in the integration.

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- Pay expense reports, cash advances, and invoices using their SAP financial system, without using a bridge program to move the data from the accounting extract to the financial system.
- Move data from the SAP Concur solutions to SAP S/4HANA Cloud, and receive feedback from SAP S/4HANA Cloud, at a client-specified frequency.
- View SAP S/4HANA Cloud posting status in the SAP Concur solution, including posting details such as the document number and, if a posting failed, a description of why that posting failed. This information appears in the audit trail of the expense report, cash advance, or invoice.
- View payment confirmation status for expense reports in Concur Expense, if enabled.
- Specify which Expense groups will be reimbursed using the financial integration in Group Configurations.
- Specify which Invoice groups will be reimbursed using the financial integration in Workflows.

## 2.2 Exclusions

The following functionality is not supported by the SAP ICS for SAP S/4HANA Cloud:

- Payment Types with Offsets: Company Paid, IBCP with Offsets, CBCP with Offsets
- Cash Advance Record Return Amount
- Invoices with VAT/GST tax \*\*
- Invoice attachments
- PO Synchronization
- Goods Receipts Synchronization
- Invoice Payment Confirmation
- Vendor Group mapping
- Invoice Correction Processing (e.g. Credit Memo) \*\*
- Purchase Order Invoice Posting \*\*

\*\* These business cases can be supported using a BAdI (Business Add-In). For more information refer to this SAP Note: [SAP ICS: SAP Integration with Concur Invoice](#).

## 2.3 Definitions

**Financial Documents:** Expense reports, cash advances, and invoices are converted into financial documents in the SAP Concur solution. A financial document corresponds to an Accounts Payable (AP) entry, a voucher, or a transaction. Each financial document is assigned a Document Identifier (ID), which is used to identify the document in the SAP financial system and returned in the ICS feedback to the SAP Concur solution. The ICS queries the SAP Concur solution for all available financial documents on the specified schedule.

One expense report generally is represented by one financial document. Some circumstances may cause the integration to create multiple financial documents for a single report (new GL, intercompany process).

**Source Data:** The Source Data includes cost object, vendor, and purchase order information. The cost object list items are a combination of the standard fields and SAP cost object types.

**Posting Types:** The posting types correspond to the Concur Expense payment types for the transactions. The different posting types will be applied to SAP S/4HANA Cloud as follows:

Posting Type	Debit	Credit (offset)
Cash, IBIP	Expense GL	AP Employee Vendor
Company Paid	Expense GL	GL Clearing Account



For more information about Concur Expense payment types, refer to the *Expense: Payment Types Setup Guide*.

## 2.4 Source Data

Clients can choose to enable source data replication using the ICS. If the clients enable this feature, the Cost Object data is sent from SAP S/4HANA Cloud to the SAP Concur solution.

### 2.4.1 Cost Object

The ICS uses a connected list in the SAP Concur solution to structure the cost object data from SAP S/4HANA Cloud. The upper levels of the connected list can contain these levels for structuring:

- Logical System
- Company Code
- Business Area
- Country

The bottom levels of the connected list contain the cost objects themselves. The integration supports the following cost objects:

- Cost Centers
- Internal Orders
- Project Work Breakdown Structure Elements
- Project Tasks
- Networks
- Network Activities
- Sales Order Items



For a list of cost objects supported by your SAP solution, refer to the relevant documentation in the *2.7 Available SAP Documentation* section of this guide.

During implementation, the client decides which cost object data to include in the integration. This cost object information is sent from SAP S/4HANA Cloud to the SAP Concur solution, where it is stored as a connected list. During implementation, the connected list is created in the SAP Concur solution, and the list items are sent from SAP S/4HANA Cloud to the SAP Concur solution. After the implementation, the list items are updated on a schedule selected by the client.

#### **2.4.1.1 (Concur Expense Only) Enhanced WBS Element Search**

The Enhanced Work Breakdown Structure (WBS) element search allows employees to search SAP S/4HANA Cloud for their relevant cost objects while filling out an expense report. SAP clients store and maintain their WBS element data in SAP S/4HANA Cloud. The logic of WBS elements can be complex and include a significant amount of data, so the Enhanced WBS element search feature between SAP S/4HANA Cloud and Concur Expense allows customers to bring their WBS elements directly into Concur Expense without first having to replicate the full data set through ICS. The Enhanced WBS element search is available at the Expense Report Header, Expense Entry, and Allocation levels.

The Enhanced WBS element search leverages the SAP Concur Launch External URL callout to open a dialog while the end-user is completing their expense report in Concur Expense. The dialog opens an SAP S/4HANA app Enhanced WBS Element Search that allows the end-user to select their WBS element, which is automatically populated into their expense.

The Enhanced WBS element search is available for SAP customers with Concur Expense, Professional Edition, ICS, and SAP S/4HANA Cloud. The Enhanced WBS element search works in both the mobile and the web versions of Concur Expense.



For more information, refer to the *6.2.5 Step 5: Enable Enhanced WBS Element Search* section of this guide.

## 2.5 Financial Posting

### 2.5.1 Overview

Clients can choose to enable financial posting using the SAP ICS for SAP S/4HANA Cloud. If the clients enable this feature, the ICS requests the expense/invoice information from the SAP Concur solution, then sends feedback to the SAP Concur solution, to confirm receipt of the information and to provide posting status.

### 2.5.2 Process

Once expense reports, cash advances, or invoices reach the status of *Approved for Payment*, they are converted to financial documents and added to the processing queue. The financial posting process is initiated at a client-configurable interval by SAP S/4HANA Cloud. When the SAP Concur solution receives the request from the ICS, the SAP Concur solution provides all the financial documents in the processing queue. The ICS returns an acknowledgement if the documents were all received successfully. The reports/invoices are not allowed to be recalled by the processor once they have been requested by SAP S/4HANA Cloud.

After receiving the successful receipt of documents message, the SAP Concur solution marks the documents as sent and removes them from the financial posting queue. SAP S/4HANA Cloud processes the financial postings and sends confirmations for each document. The confirmation includes success information, or error codes for any financial documents that failed to post.

If the financial document failed to post, the report/invoice is updated with the error message and can be recalled by the processor. The processor can then modify the report/invoice to fix the issues, and mark it as *Approved for Payment* again. The report/invoice is then added to the financial posting queue again.

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**NOTE:** Any cash advances that failed to post will be unavailable to assign to expense reports until they are corrected and successfully posted.

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All reports/invoices that posted successfully are updated in the SAP Concur solution with the success message and are set to the payment status of *Posted*.

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**NOTE:** The *Posted* payment status must be configured during implementation. For more information, refer to the 6. *Configuration* section of this guide.

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Expense reports may have a final workflow step configured, called *Payment Confirmed*. If this feature is enabled in both SAP ECC or SAP S/4HANA and in Concur Expense, the integration will add entries to the report audit trail as payments to each report payee are confirmed in SAP ECC or SAP S/4HANA. Once all the payees for the report are confirmed as paid, the expense report moves to the final workflow step of *Payment Confirmed*.



For more information, refer to the 6.3.2.12 *Step 12: (Optional) Configure the Payment Confirmation Workflow Step (Expense Only)* section of this guide.

### 2.5.2.1 (Concur Expense Only) Delta Posting After Initial Post

Clients using the NextGen UI for Concur Expense and SAP ICS for SAP S/4HANA Cloud can allow employees to reopen and resubmit previously posted expense reports. The end user may reopen a report in order to make corrections, then ICS transfers the corrections to SAP S/4HANA Cloud. Not all expense reports are eligible for delta posting. Eligible reports meet the following conditions:

- The NextGen UI for Concur Expense is enabled for the user (individually or by group)
- The report has reached the end of payment workflow (Sent for Payment or Payment Confirmed, based on customer workflow configuration)
- Less than 90 days has elapsed from the last time the report was successfully posted in SAP S/4HANA Cloud
- The report was created **after** the feature was enabled
- The report is not paid by Expense Pay
- The report was not created by the Company Bill Statement feature
- The report does not contain custom field calculation formulas or validation rules
- The report does not have a cash advance applied
- If using SAP ICS Payroll integration, the payroll feedback loop for the report must be complete

If this feature is enabled and the report is eligible for delta posting, the user will see a **Reopen Report** button on the expense report page. After reopening the report, the end user can modify selected expense report content based on one of three assigned level permissions, then resubmit it.



For more information, refer to the *6.2.3.1 Enable Delta Posting* section of this guide.

Concur Expense consolidates the receipt images attached to the report under a single ID. If the end user adds an additional image to the expense report, and does not make any other changes, the report will not be processed as a delta posting as the attachment ID remains unchanged. After adding a new image to the report, the user must make an additional change to the report to trigger the delta posting process.

Once resubmitted, the expense report goes through an approval workflow again. The Concur Admin can use the *IsReopened* audit rule and workflow Report object attribute to create an alternate audit rule or workflow for reopened reports.



For more information, refer to the *(Optional) Using the IsReopened Report Attribute with Delta Posting* section of this guide.

The approvers and processors can take the *Send Back* or *Approve* actions on the report but cannot make any other changes.

When the report is approved, Concur Expense creates correcting expense entries and places them in the financial posting queue. Then the integration transfers and reposts the financial documents to SAP S/4HANA Cloud. This handles the reversal of the original posting and ensures the final posting includes any corrections to the expense report. This feature

requires ICS and is not available for any reports extracted using the Standard Accounting Extract.



For more information, refer to the *3.2 Reopen Expense Report* and *6.2.3.1 Enable Delta Posting* sections of this guide.



After implementation, delta posting can be enabled by submitting a support case. Refer to the *7.1.3 Creating an Enable Delta Posting Case* section of this guide for more information.

## 2.6 Configuration Overview

During the initial configuration calls, SAP Concur Implementation creates the gateway configuration required for the integration. SAP Concur Implementation configures the SAP Concur solution and SAP S/4HANA Cloud. Once the configuration is complete, SAP Concur Implementation tests the integration, and may create test users in the SAP Concur solution if necessary. If the tests succeed, SAP Concur Implementation schedules and activates the integration.



For Concur Expense and Concur Invoice configuration details, refer to the *6. Configuration* section of this guide.



For SAP S/4HANA Cloud configuration details, refer to the guides listed in the *2.7 Available SAP Documentation* section of this guide.

## 2.7 Available SAP Documentation

This guide focuses on the tasks required to configure the SAP ICS for SAP S/4HANA Cloud in the SAP Concur solution. The SAP financial systems have separate documentation that details their configuration process. Refer to the SAP guides for further information about your financial system configuration.

### 2.7.1 SAP S/4HANA Cloud

► **To access the configuration information:**

1. On the **SAP Concur Integration** tab, click **SAP Concur Integration Setup**.
2. Follow the instructions on the screen.

Additionally, there are SAP Notes available:

- [2922806 - FAQ: General Information about the Concur Integration](#)
- [2914977 - FAQ: Concur Certificates, Authentication, and Connectivity](#)
- [2923196 - FAQ: Financial Posting in the Concur Integration](#)
- [2924469 - FAQ: Concur Integration \(S/4HANA Cloud Essentials\)](#)



- [2388587 - FAQ: Concur Integration \(On-Premise and Cloud Extended\)](#)
- [3377219 - FAQ: Concur Invoice Integration](#)

## 2.8 Available SAP Concur Documentation

Full details about the configuration pages are available in the Concur Expense Setup Guides. The relevant guide is referenced in each configuration step.

### 2.8.1 Concur Expense Professional Edition Setup and User Guides

[Concur Expense Product Page - SAP Help Portal](#)

### 2.8.2 Concur Invoice Professional Edition Setup and User Guides

[Concur Invoice Product Page - SAP Help Portal](#)

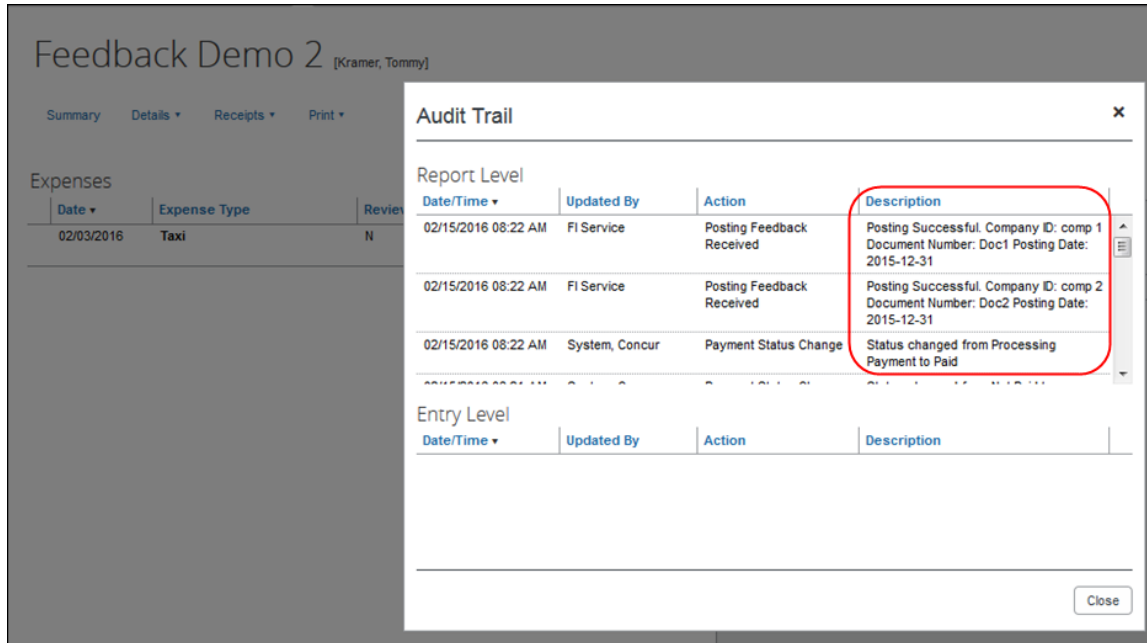
## 3 What the Expense User Sees

In Concur Expense, the integration functionality will appear to the user in multiple places:

- Expense report and cash advance audit trail
- **Process Reports** page
- **Cash Advance Admin** page

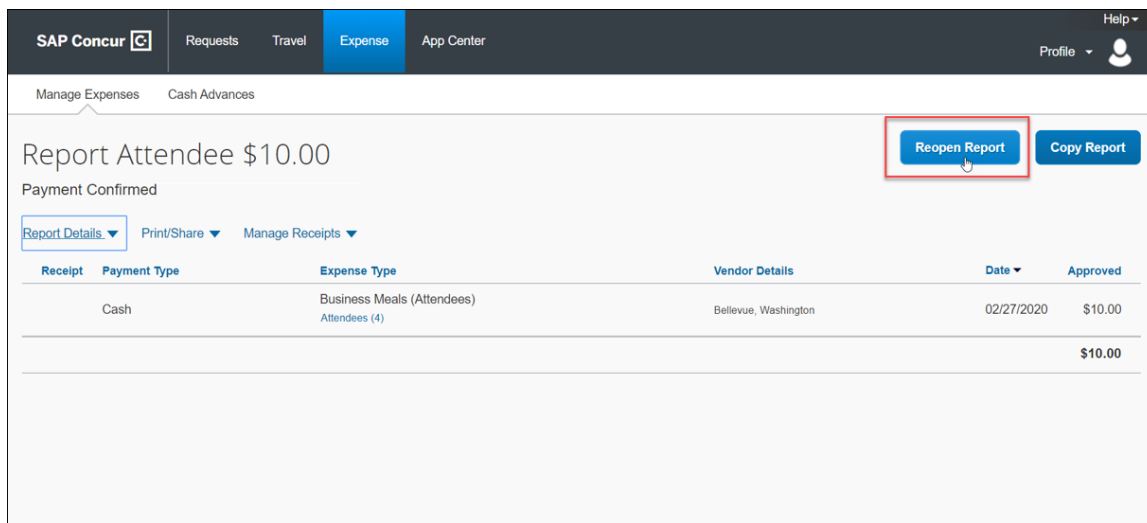
### 3.1 Expense Report/Cash Advance Audit Trail

The report/advance audit trail includes the posting status once the posting feedback has been returned from SAP S/4HANA Cloud. The user clicks **Details** > **Audit Trail** to view the audit trail.



### 3.2 Reopen Expense Report

If the Delta Posting feature is enabled, and the expense report meets the eligibility requirements for the feature, the user will see a button labeled **Reopen Report** on the expense report page.



The user will only be able to modify a subset of the expense report fields. When done modifying the report, they submit it as usual.



For more information about the Delta Posting feature, refer to the *2.5.2.1 Delta Posting After Initial Post* section of this guide.

### 3.3 Process Reports Page

The Expense Processor approves the report for payment as usual. The user’s Expense group determines which reports are paid by the SAP ICS for SAP S/4HANA Cloud. After approval, the expense report is placed in the financial posting queue. The integration timing and frequency are configurable per client, in SAP S/4HANA Cloud. Once the financial posting is complete, the processor will see the posting feedback on the **Process Reports** page.

Reports that posted successfully will show the payment status *Posted* (if configured, otherwise the payment status will be *Sent for Payment*), and show the details of the financial posting in the audit trail. The audit trail message includes the Company ID, the Document ID, and the Posting Date.

The screenshot shows the 'Feedback Demo 2' interface with an 'Audit Trail' modal window open. The modal window contains a table with the following data:

Report Level			
Date/Time	Updated By	Action	Description
02/15/2016 08:22 AM	FI Service	Posting Feedback Received	Posting Successful. Company ID: comp 1 Document Number: Doc1 Posting Date: 2015-12-31
02/15/2016 08:22 AM	FI Service	Posting Feedback Received	Posting Successful. Company ID: comp 2 Document Number: Doc2 Posting Date: 2015-12-31
02/15/2016 08:22 AM	System, Concur	Payment Status Change	Status changed from Processing Payment to Paid

Below the Report Level table is an 'Entry Level' table with the same column headers: Date/Time, Updated By, Action, and Description. A 'Close' button is located at the bottom right of the modal window.

### Section 3 What the Expense User Sees

Reports that failed to post will show an exception and the payment status *Financial Posting Failed*.

Search Results

Group: Global

Run Query | Group | List Settings | Create/Manage Queries

Find every report where

Report Name: [dropdown] Begins With: [dropdown] \* AND

Report Name	Submit Date	Employee Name	Approval Status	Report Total	Receipt Status	Payment Status	Report Key
Feedback Demo 2	02/15/2016	Kramer, Tommy	Approved	\$350.00	Not Required	Financial Posting Failed	14

Code: POSTFAIL, Level: 1; Posting Failed: Check audit trail for detailed posting messages.

The processor can view the audit trail for the report to see the details of the posting failure. In this example, the report failed to post for two reasons. The audit trail message includes the Company ID, the Document ID, and the details of the failure.

Feedback Demo 2 [Kramer, Tommy]

Summary | Details | Receipts | Print

Exceptions

Expense Type	Date	Amount	Exception
N/A			Code: POST

Expenses

Expense Type	Date	Amount	Reviewed
Taxi	02/03/2016		N

Audit Trail

Report Level	Date/Time	Updated By	Action	Description
	02/15/2016 08:08 AM	FI Service	Posting Feedback Received	Posting Failed.
	02/15/2016 08:08 AM	FI Service	Posting Feedback Received	Posting Failed. 1872: Employee ID Not Found ID 11942 does not exist.
	02/15/2016 08:08 AM	FI Service	Posting Feedback Received	Posting Failed. 1822: Cost Center 80142 Closed
	02/15/2016 08:06 AM	System, Concur	Payment Status Change	Status changed from Not Paid to Processing Payment

Entry Level

Date/Time	Updated By	Action	Description
-----------	------------	--------	-------------

Close

The processor recalls the report, in order to make changes to it.

Feedback Demo 2 [Kramer, Tommy]

Summary | Details | Receipts | Print

Recall to Processor

Hide Exceptions

Exceptions

Expense Type	Date	Amount	Exception
N/A			Code: POSTFAIL, Level: 1; Posting Failed: Check audit trail for detailed posting messages.

Expenses

Expense Type	Date	Amount	Reviewed	Approved
Taxi	02/03/2016	\$350.00	N	\$350.00

Report Summary

Report Totals	Amount Due Company	Amount Due Employee
	\$0.00	\$350.00

Then the processor works with the Concur Expense and SAP S/4HANA Cloud administrators to resolve the issues. In this example, the Concur Expense administrator would update the user's employee ID, while the SAP S/4HANA Cloud administrator would confirm the correct cost center to select. Then the processor would select the correct Cost Center on the expense entry or report header. Once the processor has updated the report, they approve it for payment again.

---

**NOTE:** When the expense report is sent to the queue for financial posting, the employee information is pulled directly from the user's profile. The integration does not use employee data that has been copied down into the expense report header or expense entry fields.

---

When the report is successfully posted, the integration sets the report's payment status to *Posted* (if configured, otherwise the payment status will be *Sent for Payment*).



For more information, refer to the *6.3.2.10 Step 10: (Optional) Rename the Payment Status to Posted* section of this guide.

Search Results								Delete Report	Mark Receipt Status	Clear Ex
Group: Global										
Run Query   Group   List Settings   Create/Manage Queries										
Find every report where										
Report Name	Begins With	*	AND							
				Go						
Report Name	Submit Date	Employee Name	Approval Status	Report Total	Receipt Status	Payment Status	Report Key			
Feedback Demo 2	02/15/2016	Kramer, Tommy	Approved	\$350.00	Not Required	Posted	14			

Expense reports can optionally use the Payment Confirmation workflow step to perform an additional update. If enabled in the SAP financial system and Concur Expense, the integration provides additional information in the report audit trail as the report payees are paid by the SAP system. Once all the report payees are paid, the integration moves the report to the *Payment Confirmed* payment status.

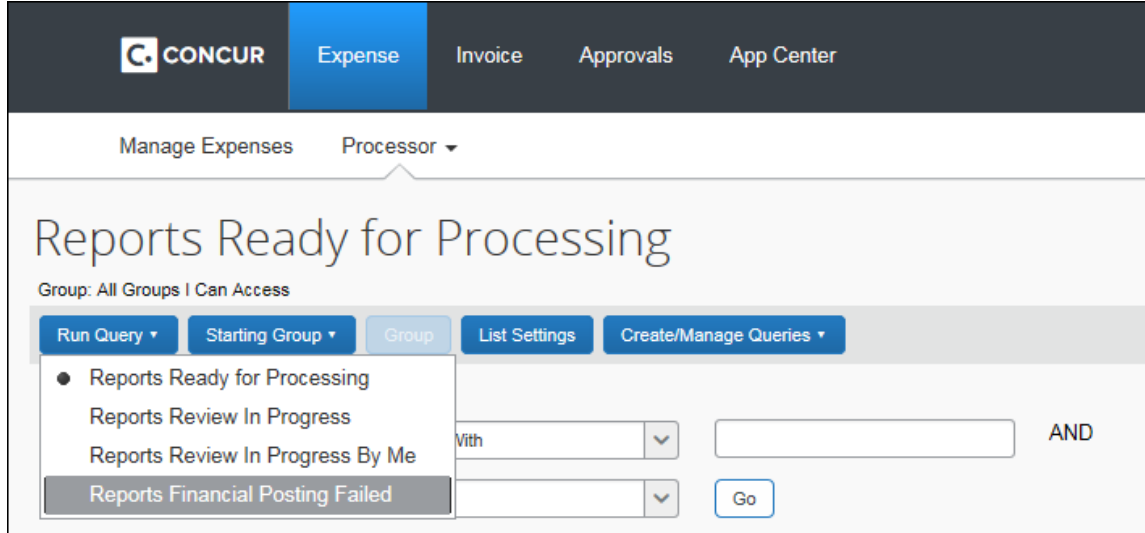
The processor can create a query to find reports that have financial integration enabled.



For more information, refer to the *6.3.2.6 Step 6: Create the Processor Query* section of this guide.

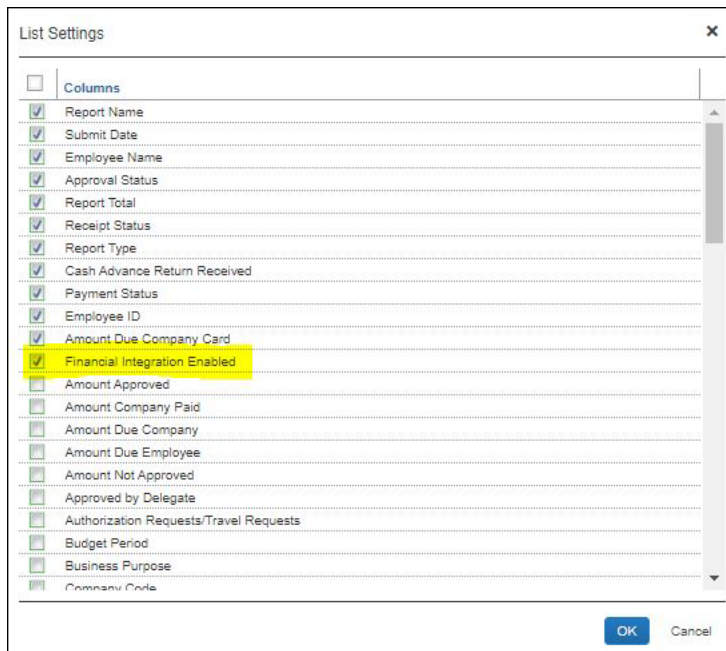
### 3.3.1 Financial Posting Failed Query

Concur Expense has a query on the **Process Reports** page, *Reports Financial Posting Failed*, for clients with the integration. This query can be used by the processor to quickly locate all reports with the payment status of *Financial Posting Failed*.



### 3.3.2 Financial Integration Enabled Column

A column labeled **Financial Integration Enabled** can be added to the **Process Reports** page, using the **List Settings** options.



Once enabled, this column indicates which reports are configured to be processed using the Financial Integration Service.

Search Results

Group: Global

Run Query Group List Settings Create/Manage Queries

Find every report where

Report Name Begins With AND

	Report Name	Submit Date	Employee Name	Approval Status	Report Total	Receipt Status	Report Type	Cash Advance ...	Payment Status	Employee ID	Amount Due C.	Financial Integration Enabled
<input type="checkbox"/>	XBC - Test 17.12.2020.2	12/17/2020	TravelerQM7_DE_Auto_DE	Approved	€ 20.00	Not Required	Expense Type		Processing Payment	50001225	€ 0.00	Yes
<input type="checkbox"/>	XBC - Test 17.12.2020	12/17/2020	TravelerQM7_DE_Auto_DE	Approved	€ 30.00	Not Required	Expense Type		Processing Payment	50001225	€ 0.00	Yes
<input type="checkbox"/>	FINS 10 tax guid TAK	12/15/2020	TravelerQM7_DE_Auto_DE	Approved	€ 25.00	Not Required	Expense Type		Processing Payment	50001225	€ 0.00	Yes
<input type="checkbox"/>	ZSD Test Tax GUID data	12/07/2020	TravelerQM7_DE_Auto_DE	Approved	€ 22.00	Not Required	Expense Type		Posted	50001225	€ 0.00	Yes
<input type="checkbox"/>	XSC Delta	12/04/2020	TravelerQM7_DE_Auto_DE	Approved	€ 12.00	Not Required	Expense Type		Posted	50001225	€ 0.00	Yes
<input type="checkbox"/>	Copy of test payroll UI C	11/20/2020	TravelerQM7_US_Auto_US	Approved	\$15.00	Not Required	Expense Type		Processing Payment	50001275	\$0.00	Yes
<input type="checkbox"/>	Copy of test payroll UI B	11/20/2020	TravelerQM7_US_Auto_US	Approved	\$15.00	Not Required	Expense Type		Processing Payment	50001275	\$0.00	Yes
<input type="checkbox"/>	test payroll UI	11/20/2020	TravelerQM7_US_Auto_US	Approved	\$15.00	Not Required	Expense Type		Processing Payment	50001275	\$0.00	Yes
<input type="checkbox"/>	test dp 11/10	11/10/2020	TravelerQM7_US_Auto_US	Approved	\$33.00	Not Required	Expense Type		Processing Payment	50001275	\$33.00	Yes
<input type="checkbox"/>	test 11/6	11/09/2020	TravelerQM7_US_Auto_US	Approved	\$33.00	Not Required	Expense Type		Processing Payment	50001275	\$0.00	Yes
<input type="checkbox"/>	with_1021	10/21/2020	TravelerQM7_US_Auto_US	Approved	\$120.00	Received / Not Rec...	Expense Type		Processing Payment	50001275	\$120.00	Yes
<input type="checkbox"/>	DP test marcelo 10/21 9:32	10/21/2020	TravelerQM7_US_Auto_US	Approved	\$111.00	Not Required	Expense Type		Processing Payment	50001275	\$0.00	Yes
<input type="checkbox"/>	DP test marcelo 10/19 10:33	10/21/2020	TravelerQM7_US_Auto_US	Approved	\$444.00	Not Required	Expense Type		Processing Payment	50001275	\$0.00	Yes
<input type="checkbox"/>	DP marcelo 10/19 12:40	10/21/2020	TravelerQM7_US_Auto_US	Approved	\$312.00	Not Required	Expense Type		Processing Payment	50001275	\$0.00	Yes
<input type="checkbox"/>	TAK FINS-S27 Payroll Test	10/20/2020	TravelerQM7_DE_Auto_DE	Approved	€ 44.00	Not Required	Expense Type		Posted	50001225	€ 0.00	Yes
<input type="checkbox"/>	ZSD Test Mass payroll conf	10/20/2020	TravelerQM7_US_Auto_US	Approved	\$22.00	Not Required	Expense Type		Posted	50001275	\$0.00	Yes
<input type="checkbox"/>	ZSD Test Mass payroll conf 2	10/20/2020	TravelerQM7_US_Auto_US	Approved	\$86.00	Not Required	Expense Type		Posted	50001275	\$0.00	Yes
<input type="checkbox"/>	XSC Delta - private two exp GBCP	10/20/2020	TravelerQM7_US_Auto_US	Approved	\$197.00	Not Required	Expense Type		Posted	50001275	\$197.00	Yes
<input type="checkbox"/>	XSC Delta - private two expenses	10/20/2020	TravelerQM7_US_Auto_US	Approved	\$197.00	Not Required	Expense Type		Posted	50001275	\$0.00	Yes
<input type="checkbox"/>	XSC Delta - add one entry	10/20/2020	TravelerQM7_US_Auto_US	Approved	\$130.00	Not Required	Expense Type		Posted	50001275	\$0.00	Yes
<input type="checkbox"/>	XSC Delta - two expenses	10/20/2020	TravelerQM7_US_Auto_US	Approved	\$197.00	Not Required	Expense Type		Posted	50001275	\$0.00	Yes
<input type="checkbox"/>	XSC - Delta Test	10/19/2020	TravelerQM7_US_Auto_US	Approved	\$23.00	Not Required	Expense Type		Posted	50001275	\$23.00	Yes
<input type="checkbox"/>	XSC Delta - delete entry	10/19/2020	TravelerQM7_US_Auto_US	Approved	\$260.00	Not Required	Expense Type		Posted	50001275	\$267.00	Yes
<input type="checkbox"/>	XSC Delta - add new entry	10/19/2020	TravelerQM7_US_Auto_US	Approved	\$341.00	Not Required	Expense Type		Payment Confirmed	50001275	\$341.00	Yes
<input type="checkbox"/>	DP test Marcelo 10/13	10/19/2020	TravelerQM7_US_Auto_US	Approved	\$32.00	Not Required	Expense Type		Payment Confirmed	50001275	\$0.00	Yes

### 3.4 Cash Advance Admin Page

**NOTE:** The Record Return Amount feature is not supported by financial integration. If financial integration is enabled, the **Record Return Amount** button will not appear on the **Cash Advance Admin** page.

The Cash Advance administrator creates and issues the advances as usual. When the ICS is enabled, the **Cash Advance Admin** page includes an option for the *Failed Cash Advances* status in the **Cash Advance Status** list.

Cash Advance Admin

Employee Balance Cash Advances

Find cash advances where: Cash Advance Name Begins with Search

And belong to Group: \* All Groups I Can Access

Cash Advance Status: All Cash Advances

CASH ADVANCES

- Pending Issuance
- Pending Approval
- Issued Cash Advances
- All Cash Advances
- Failed Cash Advances

Cash Advance Name	Employee	Email Address	Amount R...	Exchange Rate	Starting Balance
-------------------	----------	---------------	-------------	---------------	------------------

The page displays a new column, **FI Status**, when financial integration is enabled.

For any cash advances that are in the *Failed* status, the Cash Advance administrator can change some fields on the cash advance. The administrator clicks the cash advance name to view the details.

The screenshot shows a web interface for editing a Starbucks cash advance. At the top, the title 'Starbucks' is displayed with a close button. Below it, the 'Employee Name' is 'Germany, Traveller' and the amount is '50.00 EUR'. A navigation bar includes 'Details', 'Comments History', 'Expenses', 'Audit Trail', and 'Approval Flow'. The main form has three fields: 'Name' (a dropdown menu with 'Starbucks' selected), 'Cash Advance Amount' (a text input with '50.00' and a currency dropdown with 'EUR' selected), and 'Purpose' (an empty text input). At the bottom left is a 'Save' button, and at the bottom right are 'Send Back to FI' and 'Cancel' buttons.

Once any incorrect field values are fixed, the Cash Advance administrator can resend the advance to the financial document queue using the **Send Back to FI** button.

---

**NOTE:** Cash advances with a *Failed* status will be unavailable to assign to expense reports until they are corrected and successfully posted.

---

## 4 What the Invoice User Sees

In Concur Invoice, the integration functionality will appear to the end user in multiple places:

- Invoice audit trail
- **Invoices Ready for Processing** page



## 4.1 Invoice Audit Trail

The invoice audit trail includes the posting status once the posting feedback has been returned from the SAP financial system. The user clicks **Details > Audit Trail** to view the audit trail. Invoices that posted successfully will show the payment status *Posted* (if configured, otherwise the payment status will be *Extracted*),

Date/Time	Updated By	Action	Description
06/14/2016 02:03 AM	FI Service	Posting Feedback Received	Posting Successful. Company ID: Concur NA Document Number: SAP_DOC_12345 Posting Date: 01-29-2016
06/14/2016 02:03 AM	System, Concur	Payment Status Change	Status changed from Pending Payment to Extracted Comment:
06/06/2016 11:03 PM	System, Concur	Approval Status Change	Status changed from Vendor Approval to Auto Approved Comment: Skipping Step
06/06/2016 11:03 PM	System, Concur	Approval Status Change	Status changed from Accounting Review to Auto Approved Comment: Skipping because CUSTOM6 in CUSTOM6
06/06/2016 11:03 PM	System, Concur	Approval Status Change	Status changed from Pending Approval to Auto Approved Comment: Custom 6 is not CUSTOM6

## 4.2 Invoices Ready for Processing Page

The Invoice Processor approves the request for payment as usual. The user's Invoice workflow determines which requests are paid by the integration. After approval, the request is placed in the financial posting queue. The integration timing and frequency are configurable per client, in the SAP financial system. Once the financial posting is complete, the processor will see the posting feedback on the **Invoices Ready for Processing** page.

# 5 Prerequisites

## 5.1 SAP Concur Prerequisites

The client must:

- Have signed a Data Protection Agreement (DPA)
- Be an existing SAP Concur client, with one of the following SAP Concur solutions:
  - ◆ Concur Expense Professional/Premium Edition
  - ◆ Concur Invoice, Professional/Premium Edition
- Be an existing SAP client, with one of the following SAP financial systems:
  - ◆ Concur Expense:
    - SAP S/4HANA Cloud, private edition
    - SAP S/4HANA Cloud, public edition
  - ◆ Concur Invoice:
    - SAP S/4HANA Cloud, private edition
- The SAP Concur administrator who will be setting up the integration must have one of the following user roles:
  - ◆ Unrestricted Expense Configuration Administrator

- ◆ Unrestricted Invoice Configuration Administrator

## 5.2 SAP S/4HANA Cloud Configuration Prerequisites

Refer to the *2.7 Available SAP Documentation* section of this guide for the full details for SAP S/4HANA Cloud.

### 5.2.1 Prior to SAP Setup

Prior to beginning the configuration steps in SAP S/4HANA Cloud, you should complete the following tasks in the SAP Concur solution:

1. Complete the *5.2 Integration Settings and Group Configuration* and relevant *5.3 Concur Expense and Concur Invoice Configuration* steps in this guide.
2. Collect the following information from the SAP Concur system:
  - Company Code custom field ID (varies by client)
  - Field information for any fields that will be mapped to SAP fields, including SAP Concur Code values if necessary



For more information, refer to the *6.3.1 Source Data Replication Configuration* section of this guide.

- List name for cost object list (created during *6.3.1.1 Step 1: Create the Cost Objects List*)
- Determine how frequently you want the integration to run. The source data replication and financial integrations can be set to different schedules, if necessary. Schedule the replication runs in your SAP solution as described in the respective SAP Integration Guide.
- The following information will be provided by your SAP Concur Implementation Consultant:
  - ◆ Concur Company ID
  - ◆ Authentication information

## 6 Configuration

### 6.1 Overview

The SAP ICS for SAP S/4HANA Cloud installation/configuration requires configuration steps in both the SAP Concur solution and SAP S/4HANA Cloud. This guide contains information about the configuration and activation steps for the integration in the SAP Concur solution.



For information about the configuration in SAP, refer to the *2.7 Available SAP Documentation* section of this guide.

## 6.2 Integration Settings and Group Configuration

The SAP Concur Implementation consultant performs many, if not all, of the following steps, depending on the client's SAP Concur configuration.

### 6.2.1 Step 1: Configure the Integration Settings

The SAP Concur Implementation consultant creates the Client ID (App ID) and Client Secret using the [OAuth 2.0 Application Management](#) tool.

### 6.2.2 Step 2: Configure Integration Gateway Authentication

The API gateway manages the access to the SAP Concur APIs. The authentication credentials for this gateway are configured using an SAP Concur Internal tool.

The SAP Concur Implementation consultant will provide the following authentication information for you to use in SAP S/4HANA Cloud:

- Client ID (App ID)
- Client Secret
- Company UUID
- Request token or refresh token
- Company ID

### 6.2.3 Step 3: Update Group Configurations (Concur Expense Only)

The Concur Expense administrator selects which users are reimbursed with the financial posting integration in **Administration > Expense > Group Configurations**.

---

**NOTE:** This setting is only visible to SAP Concur Internal users who log in to the company as SAP ConcurAdmin from HMC.

---

For the desired expense groups, select the **Enable Financial Integration** setting.

Once this setting is selected, the expense reports for the group members that are approved for payment:

- Will begin to go to the Financial Integration queue
- Will **not** be included in any extract files

**Configuration for Group: Global** ✕

---

Group: Global

Group Name:

Attendee List Form:  ▼

Allow user to register Yodlee Credit Cards (This setting cannot be revoked once granted)

Allow user to upload XML tax receipts.

Utilize rich card data for receipts handling

**Enable Financial Integration**

**Cash Advance Configurations**

Cash Advance Workflow:  ▼

Cash Advance Form:  ▼

Allow user to carry a Cash Advance balance from one report to another

Allow user to link multiple cash advances to one expense report

Apply Cash Advance only to entries with matching currencies

Update Cash Advance exchange rate on expense entries

Allow user to attach an image to a cash advance

### 6.2.3.1 (Optional) Enable Delta Posting

Clients using the NextGen UI for Concur Expense and the SAP ICS for SAP ECC and SAP S/4HANA may enable delta posting and assign one of three levels on the **Configuration for Group** page. This setting can only be enabled if the Expense group has the **Enable Financial Integration** setting selected.

---

**NOTE:** If you are adding this functionality after moving from Implementation to Production, you will need to submit a support ticket to SAP Concur Support. For more information, refer to the *7.1.3 Creating an Enable Delta Posting Case* section of this guide.

---

Enable Delta Posting configuration includes the following steps:

1. For the desired Expense groups, select the **Enable Delta Posting** setting.

The screenshot shows a configuration window titled "Configuration for Group: QA". It contains several settings:

- Group Name: QA
- Attendee List Form: Default Attendee Detail View
- Digital Compliance Country Rule: Japan e-Bunsho
- Allow user to register Yodlee Credit Cards (This setting cannot be revoked once granted):
- Allow user to upload XML tax receipts:
- Utilize rich card data for receipts handling:
- Enable Financial Integration:
- Enable Payroll Integration:
- Enable Delta Posting:  (This checkbox and its label are highlighted with a red box in the image)
- Delta Posting Level: Level 1

Buttons for "Cancel" and "Save" are located at the bottom right of the dialog.

**NOTE:** This setting is only visible to users with the *Expense Configuration Administrator* user role.

**NOTE:** Payroll Integration is compatible but not required to use the Delta Posting feature. If the client is using both Payroll Integration and Delta Posting, the payroll posting feedback loop must be completed for a report before the user can reopen it.

2. Select the desired level in the **Delta Posting Level** field.

Three separate configuration levels allow companies to control which actions the end-user can perform in a reopened report. These levels are available at the Group level, meaning that users assigned the same group are assigned the same level.

### Level One

Level One allows the end user to:

- Modify the custom and org unit fields on the expense report (report header, report entry, and entry itemization levels)
- Add or append a receipt image
- Modify all allocation fields, including adding and deleting entire allocations or adjusting allocation percentages. All edits to allocations must still equal the original entry amount – level one users cannot make changes which impact entry amounts on the report

The end-user cannot:

- Delete the only entry in a report
- Delete the entire report
- Delete images from paid entries
- Modify travel allowance details
- Modify attendee information in the following ways:
  - ◆ Modify non-custom attendee fields
  - ◆ Modify amounts per attendee
  - ◆ Add/Delete attendees

### **Level Two**

Level Two allows the end user to:

- Modify all eligible fields on the expense report (report header, report entry, and entry itemization levels) including amount
- Modify all allocation fields, including adding and deleting entire allocations or adjusting allocation percentages. Level two users can make allocation changes which impact the entry amount
- Add or append a receipt image
- Modify attendee information in the following ways:
  - ◆ Modify all eligible attendee fields
  - ◆ Modify amounts per attendee
  - ◆ Add/Delete attendees

The end user cannot:

- Delete the only entry in a report
- Delete the entire report
- Delete images from paid entries
- Modify travel allowance details
- Add or delete itemizations or parent entries

### **Level Three**

Level Three allows the end user to:

- Add or delete entries on the report, including allocation and itemization entries
- Move entries to another report
- Modify all eligible fields on the expense report (report header, report entry, and entry itemization, and entry allocation levels) including amount

- Modify all allocation fields, including adding and deleting entire allocations or adjusting allocation percentages. Level three users can make allocation changes which impact the entry amount
- Add or append a receipt image
- Modify travel itinerary and travel allowance information

---

**NOTE:** If the customer is using the Travel Allowance Service, the Level Three configuration allows the associated travel allowance to be modified using the Travel Allowance UI, after the report has been reopened.

---

- Modify attendee information in the following ways:
  - ◆ Modify all eligible attendee fields
  - ◆ Modify amounts per attendee
  - ◆ Add/Delete attendees

The end user cannot:

- Delete the only entry in a report
- Delete the entire report
- Delete images from paid entries
- Modify itineraries or travel allowances which impact other itineraries and reports sharing the same date range



For more information, refer to the *2.5.2.1 Delta Posting After Initial Post* section of this guide.

## 6.2.4 Step 4: Update Workflow Configurations (Concur Invoice Only)

The SAP Concur administrator selects which users are reimbursed with the financial posting integration in **Administration > Invoice > Workflow**.

For the desired workflows, select the **Send to Financial ERP as part of the final processor step** setting.

The screenshot shows the 'Workflows' configuration page with the 'Step Rules' tab selected. The 'Send to Financial ERP as part of final processor step' checkbox is checked and circled in red. Other visible settings include:

- Workflow Type: Payment Request
- Workflow Name: FI integration WF
- Require Hardcopy Receipts:
- Approval Time Expired Action: No Action
- Expiration Email To Approver: None
- Assignment Timeout Action: No Action
- Do not display the skip steps to the employee:
- Only display approvers at or above the current approver's level:
- Use default approver lookup to find authorized approver:
- Steps Can Be Added By: Both Employee and Approver
- Allow ad-hoc steps after final processor step:
- Email employee when employee-added step is complete:

Once this setting is selected, the invoices for the workflow that are approved for payment will begin to go to the Financial Integration queue. These invoices are not included in any extract files.



For more information, refer to the *Concur Invoice: Workflow – General Information Setup Guide*.

## 6.2.5 Step 5: (Optional) Enable Enhanced WBS Element Search (Concur Expense Only)

The SAP Concur Service Delivery Team or your partner will complete the following configuration.

### 6.2.5.1 Update SAP ICS Application

This configuration step is completed by the SAP Concur Service Delivery team using the OAuth 2.0 Application Management tool. SAP partners should submit a PSD support case to SAP Concur to complete this step.



### 6.2.5.2 Create Application Connector

► **To create and configure the application connector:**

1. Navigate to **Administration > Company > Web Services > Manage Application Connector**.
2. Click **New**.
3. Enter the field values:

Field	Definition
Name	Enter any descriptive name. For example, "LEU for WBS element search".
Description	Enter any description.
Host Name	Enter the URI of the financial integration system.
User Name	Enter any value that does not correspond to an actual user.
Password	Enter any value.

4. Click **Test Connection**.
5. Click **Save**.
6. In the **Services** section, select **Launch External URL**.
7. Click **Configure**.
8. Enter the field values:

Field	Definition
Endpoint	Enter "ui#ConcurProject-search".
Client ID	Enter the Client ID of your ICS OAuth application.
Redirect URL	Enter the URI of the financial integration system.

9. Click **OK**.
10. Click **Save**.

### 6.2.5.3 Add Launch External URL Field to the Form

In **Administration > Expense > Expense Admin > Forms and Fields**, update the desired form type (Expense Report Header, Expense Entry, or Expense Allocation) using the **Fields** tab to configure a field for this feature. Use the following field values:

Field	Definition
Field Name	Enter "Enhanced WBS Element Search".

Field	Definition
Control Type	Select "Launch URL (Single-line)".
Application Connector	Select the application connector you configured for the Enhanced WBS element search.
Popup Width	Enter "800".
Popup Height	Enter "800".

Then use the **Form Fields** tab to add the newly configured field to your form.



For more information, refer to the *Expense: Forms and Fields Setup Guide*.

### 6.3 Concur Expense and Concur Invoice Configuration

The integration configuration in the SAP Concur solution varies depending on whether the client is an existing SAP Concur client or a new SAP Concur client.

Existing SAP Concur clients mostly take note of their SAP Concur solution configuration and use that information to map the SAP Concur solution fields to fields in SAP S/4HANA Cloud.

New clients complete all the configuration steps listed in this section.

Certain SAP Concur solution configurations are necessary to work with SAP S/4HANA Cloud. The SAP Concur Implementation Consultant will review and configure these areas as necessary. The following is an overview of the configuration steps. The full details appear below.

Source Data Replication configuration includes the following steps:

1. Create a new list for the cost objects.
2. Assign the cost object list to the necessary forms.
3. Complete the integration configuration steps in SAP S/4HANA Cloud.

Financial Posting configuration includes the following steps:

1. Update all Expense Types with valid SAP G/L account codes.
2. Update the Tax Configuration in Concur Expense to match SAP tax fields. (Concur Expense only)
3. Configure an SAP Clearing Account for the payment types in use. (Concur Expense only)
4. Enable Tax Code Field Mapping. (Concur Invoice only)
5. Verify the processor workflow step. (Concur Expense only)
6. Create the processor query.

7. Configure Liability Account Codes. (Invoice Pay only)
8. (Optional) Enable the Non-Domestic tax feature. (Concur Expense only)
9. (Optional) Rename the payment status to Posted.
10. (Optional) Configure test users.
11. (Optional) Configure the Payment Confirmation workflow step. (Concur Expense only)

### 6.3.1 Source Data Replication Configuration

#### 6.3.1.1 Step 1: Create the Cost Objects List

For new clients that are using source data replication, the Concur Expense administrator must create a new list to work with SAP S/4HANA Cloud, mapping to the Org Unit 1-4 fields:

Form Field Name	Column Name
System	ORG_UNIT_1
Company	ORG_UNIT_2
Cost Object Type	ORG_UNIT_3
Cost Object ID	ORG_UNIT_4

---

**NOTE:** If the client wants to deviate from this approach, and their SAP solution allows them to configure the integration, they also must configure the field mapping in the SAP solution.

---

For existing SAP Concur clients, the administrator should take note of which fields are currently configured or available for mapping to the SAP cost objects. The field mapping in SAP S/4HANA Cloud requires the following information:

- The SAP Concur Form Type
- The SAP Concur Column Name

---

**NOTE:** The Column Name is entered in the **SAP Concur Field ID** field in the SAP Add-ons when mapping data between the SAP Concur solution and SAP S/4HANA Cloud. The Column Name value must be modified to remove the underscores and change the capitalization to capitalize the first letter of each word.

Example: The Employee First Name field in the SAP Concur solution has the Column Name of FIRST\_NAME, in Forms and Fields. In SAP S/4HANA Cloud, the SAP Concur Field ID for this field should be FirstName.

---

- The SAP Concur Field Name



For more information, refer to the *Expense: Forms and Fields Setup Guide*.

The list items and values will be sent from SAP S/4HANA Cloud to the SAP Concur solution once the SAP financial system is configured.

In **Administration > Expense/Invoice > List Management**, create a new list. The list name will be used when configuring SAP S/4HANA Cloud.



For more information, refer to the *Shared: List Management Setup Guide*.

### 6.3.1.2 Step 2: Assign the Cost Object List to the Forms

In **Administration > Expense/Invoice > Forms and Fields**, add the new list to the following forms:

- **Employee** (the list should be added the Employee form used by the Global group) The cost object list field Access Rights should be set to:
  - ◆ Employee: Read-Only
  - ◆ Employee Administrator Role: Modify
  - ◆ All other roles: Read-Only or Hidden
- **Expense Report Header/Payment Request Header** (these list fields copy down from the Employee level) The cost object list field access rights should be set to Read-Only or Hidden for all user roles.
- **Expense Report Allocation/Payment Request Allocation** (these list fields copy down from the Report/Payment Request Header level) The cost object list field access rights should be set to Read-Only or Hidden for all user roles.

Role	Access Rights
Employee Role:	Read-only
Employee Administrator Role:	Modify
Sponsor Role:	Read-only
Company Bill Statement User Role:	Hidden
Company Bill Statement Approver Role:	Hidden
Company Bill Statement Processor Role:	Hidden
Company Bill Statement Processor Manager Role:	Hidden

In **Administration > Expense/Invoice > Forms and Fields > Connected List Definitions**, configure the connected list definition.

For existing clients, map the connected list to the client's configured cost object fields.

For new clients, map the connected list to the Org Unit 1-4 fields. For the Expense Report/Payment Request Header form, select *Copy Down* as the **Default Value Type**, and choose the Employee field as the copy down source. For the Expense Report/Payment Request Allocation form, select *Copy Down* as the **Default Value Type**, and choose the Expense Report/Payment Request Header field as the copy down source.

In **Administration > Expense/Invoice > Policies**, verify that the necessary policies use the updated forms.



For more information, refer to the *Concur Expense: Forms and Fields Setup Guide*, *Expense: Policies Setup Guide*, *Concur Invoice: Forms and Fields Setup Guide*, and *Concur Invoice: Policies Setup Guide*.

### 6.3.1.3 Step 3: Complete the SAP Configuration

For information about the configuration in SAP, refer to the respective guides in the 2.7 *Available SAP Documentation* section of this guide.

## 6.3.2 Financial Posting Configuration

### 6.3.2.1 Step 1: Update all Expense Types With Valid SAP Account Codes

In **Administration > Expense/Invoice > Accounting Administration > Account Codes**, assign valid SAP G/L account codes to the expense types in use.

The screenshot shows the 'Accounting Administration' interface with the 'Account Codes' tab selected. A table titled 'ACCOUNT CODE(S) FOR SELECTED HIERARCHY ITEM' is displayed. The table has columns for 'Expense Type', 'Account Code', 'Inherited Code', and 'Inherited Level'. The 'Airfare' row is highlighted, showing '474230' in the 'Account Code' field and '474230' in the 'Inherited Code' field. Other rows include 'Airfare Ticket Tax', 'Awards', 'Bank Fees', 'Booking Fees', 'Breakfast', 'Breakfast - over limit', and 'Bus'.

Expense Type	Account Code	Inherited Code	Inherited Level
Airfare	474230	474230	Global
Airfare Ticket Tax	474230	474230	Global
Awards	474210	47	Global
Bank Fees	474210		
Booking Fees	474230		
Breakfast	474220		
Breakfast - over limit	474240		
Bus	474230		



For more information, refer to the respective SAP guide in the 2.7 *Available SAP Documentation* section, the *Expense: Account Codes Setup Guide*, and the *Concur Invoice: Account Codes Setup Guide*.

### 6.3.2.2 Step 2: Update Tax Configuration in Concur Expense to Match SAP Tax Fields (Concur Expense Only)

In **Administration > Expense > Tax Administration > Tax & Reclaim Groups**, configure the **Tax Reclaim Code** to be the SAP **Tax Code** valid for your SAP financial system.

**Tax Administration**

Tax Authorities | Tax & Reclaim Groups | Employee Related Configurations | Reports | Fringe Benefits

Tax Authority: Germany VAT with effective dates: Current Search

New Modify Remove

Group Name	Expense Types	Effective Date	End Date	Rate Conditions & Reclaim Conditions						
Reduced	Hotel, Hotel and other - Non Emp... Other Ground Transportat... Subscriptions/Literature	01/01/2014		Always	Reduced	130100	01/01/2014	Tax Receipt 100%	Tax Receipt	V2
								Receipt 0%	Receipt	V0
								No Receipt 0%	No Receipt	V0

For more information, refer to the respective SAP guide in the 2.7 Available SAP Documentation section, and to the Expense: Value Added Tax (VAT)/ Tax Administration Setup Guide.

### 6.3.2.2.1 CANADIAN TAX CONFIGURATION

**NOTE:** This configuration is only required if your SAP financial system has been released for the integration with Concur Expense in Canada.

Clients who use Canadian tax authorities must perform an additional configuration step. In **Administration > Expense > Tax Administration > Tax & Reclaim Groups**, configure the **Tax Code** to be the SAP **Condition Type** for Canada.

**Tax Administration**

Tax Authorities | Tax & Reclaim Groups | Employee Related Configurations | Export | Reports | Fringe Benefits

Tax Authority: Canada with effective dates: Current Search

New Modify Remove

Group Name	Expense Types	Effective Date	End Date	Rate Conditions & Reclaim Conditions						
GST Recovers...	Airfare, Airfare Ticket Tax, Bank Fees, Booking Fees, Breakfast, Bus, Business Meals (Attendees), Car Rental, Car-VAT, Cash Advance Return, Cellular Phone, Company Car Maintenance, Company Car Oil, Company Car Wash, Dinner, Dues, Duplicating, Entertainment-Other, Fixed Meals	08-01-2016	08-31-2017	Always	Percentage	JC1E	08-01-2016	Tax Receipt 100%	Tax Receipt	S5
								Receipt 0%	Receipt	S5
								No Receipt 0%	No Receipt	V0

The SAP Condition Type is configured in SAP.

### 6.3.2.3 Step 3: Configure all SAP Clearing Accounts (Concur Expense Only)

#### 6.3.2.3.1 CONFIGURE EXPENSE PAYMENT TYPES

In **Administration > Expense > Payment Types**, enter the SAP **Clearing Account Code** for any Company Paid, IBCP, or CBCP payment types that are supported by your financial system.

**NOTE:** Offsets are not supported by the integration.

**Payment Type** ✕

---

Payment Type:

Description:

Clearing Account Code:

Payment Type Code:  ▼

Use for company card import only  
(cannot be selected by employee):

Test Payment Type:

---



For more information, refer to the *Expense: Payment Types Setup Guide*.

### 6.3.2.3.2 CONFIGURE COMPANY CARD ACCOUNTS

If you have Clearing Accounts that apply to specific individual cards, on the **Manage Accounts** tab of the **Company Card Admin** page, modify all CBCP card accounts to have a valid SAP **Clearing Account Code**.

The screenshot shows a 'Modify Card Account' dialog box with the following fields and values:

- Account Type: Individual
- Name on Card: Chris Miller
- Payment Type: Company Billed Company Paid
- Account Number: XXXX XXXX XXXX 9482
- Clearing Account Code: 992827 (highlighted with a red circle)
- Effective Date: 03/01/2016
- Card Icon: Rose
- Card Program Name: None

At the bottom of the dialog are three buttons: 'Save and Assign', 'Save', and 'Cancel'.

 For more information, refer to the *Expense: Company Card Admin User Guide*.



### 6.3.2.3.3 CONFIGURE EXPENSE PAY BATCH ACCOUNTING (EXPENSE PAY ONLY)

If you use Expense Pay and your SAP solution supports this configuration, you must configure the **Liability Account Code** for the Expense Pay Employee batches to have a valid SAP **Clearing Account Code**.

The screenshot shows the 'Configure Batches' interface with the 'Batch Definitions' tab selected. The main heading is 'ADD EMPLOYEE BATCH DEFINITION'. Below this, there are input fields for 'Batch Name', 'Reimbursement Method' (set to 'Expense Pay By Concur'), and 'Available For'. A 'Funding Account' section contains buttons for 'New Classic Account', 'New Global Account', 'Modify', 'Reconfirm', and 'Set Funding Account'. Below these are two tables: 'LIVE FUNDING ACCOUNT' and 'AVAILABLE FUNDING ACCOUNTS', both with columns for Account Name, Bank ID, Account Number, Funding Type, Status, Active, and Account Type. The 'AVAILABLE FUNDING ACCOUNTS' table shows 'No data to display'. There are checkboxes for 'Allow Employee to Modify their Bank Information' and 'Allow Employee Import to Modify Bank Information'. The 'Accounting' section has a 'Liability Account Code' field (circled in red) and a 'Cash Account Code' field. A note states: 'We use this information to populate field values in your accounting file.' At the bottom right are 'Save' and 'Cancel' buttons.



For more information, refer to the *Expense: Payment Manager for Expense Pay Classic User Guide*.

### 6.3.2.4 Step 4: Enable Tax Code Field Mapping (Concur Invoice Only)

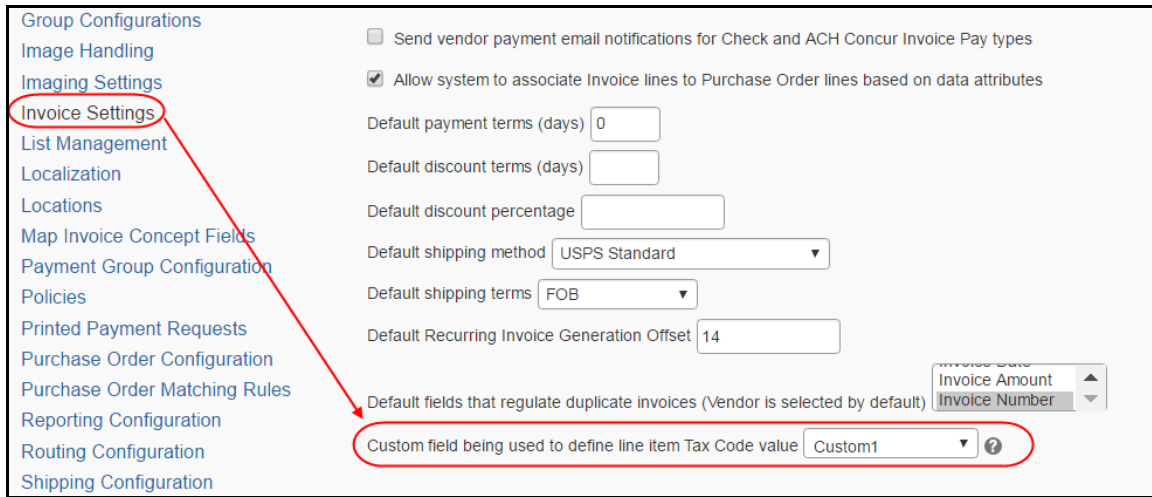
To support financial integration for tax codes, clients can define which custom field they use as a Tax Code field, so that an external financial system knows which field represents the tax code in Concur Invoice.

---

**NOTE:** This feature is only applicable to existing clients.

---

The admin will see an option, **Custom field being used to define line item Tax Code value**, in Invoice Settings where they can select one of 20 custom fields to use as the Tax Code value.



To access this option, click **Administration > Invoice > Invoice Settings** (left menu).

For more information, refer to the *Concur Invoice: Invoice Settings Setup Guide*.

### 6.3.2.5 Step 5: Verify the Processor Workflow Step (Concur Expense Only)

In **Administration > Expense > Workflows**, verify that the workflow contains a processor step prior to the Processing Payment step. All employees using the Financial Posting must have an expense report workflow that includes a Processor step after approval. This allows the reports to return to the processor if they fail the financial posting. The Processor workflow step may be configured as a skip step, if necessary.



For more information, refer to the *Expense: Workflow – General Information Setup Guide*.

### 6.3.2.6 Step 6: Create the Processor Query

#### 6.3.2.6.1 CONCUR EXPENSE

In **Expense > Process Reports**, create a processor query to find reports using the financial integration, using the *Report* data object, and the *Financial Integration Enabled* field. This query finds all reports using financial integration, regardless of status.

The screenshot shows the 'Add a Query' configuration window. At the top right, the 'Query Name' is 'Financial Integration Enabled' with 'Save' and 'Cancel' buttons. Below this is a table with columns 'Data Object/Operator', 'Field/Value', and 'Operation'. The table contains one row: 'Report' (with a dropdown arrow), 'Financial Integration Enabled' (with a dropdown arrow), and 'Equal'. Below the table, there is a 'Value' field set to 'Yes' and another dropdown arrow.

**NOTE:** The Financial Integration adds a new default query to the **Process Reports** page, titled **Reports Financial Posting Failed**, which is used to view reports that failed to post.

#### 6.3.2.6.2 CONCUR INVOICE

In **Invoice > Processor > Process Requests**, create a processor query to find invoices that use financial integration by using the *Request* data object, and the *Financial Integration Enabled* field.



For more information, refer to the *Concur Invoice: Invoice Processor User Guide*.

### 6.3.2.7 Step 7: Configure Liability Account Codes (Invoice Pay Only)

Clients who use Invoice Pay can pay invoices in SAP Concur by using ACH or Check payment types and have the transaction data sent to their SAP Financial system.

For this feature to work, clients must enter the liability account code in the **Liability Account** field of the **Funding Account** page in Payment Manager.

The screenshot shows the 'Funding Account' configuration page. The 'Liability Account' field is highlighted with a red circle. The page includes the following fields and sections:

- Account Name:** Text input field.
- Country / Currency:** Two dropdown menus, currently set to 'UNITED STATES' and 'US, Dollar'.
- Close Time:** Two dropdown menus, currently set to '2:00 PM' and '(GMT -08:00) Pacific Time (US & Canada)'.
- Cash Account:** Text input field.
- Liability Account:** Text input field, highlighted with a red circle.
- Banking Information:** A section containing:
  - Bank Name:** Text input field.
  - Account Information:** A sub-section containing:
    - Routing Number:** Text input field.
    - Account Number:** Text input field.
    - Type:** Dropdown menu.
  - Primary Contact Information:** Three text input fields for Name, Email, and Phone.
  - Secondary Contact Information:** Three text input fields for Name, Email, and Phone.
- Active:** Dropdown menu, currently set to 'No'.
- Applies To Group(s):** Checkboxes for 'Global' (unchecked).
- Debit Authorization Date:** Text input field with a calendar icon.
- Apply Credit Memos:** Dropdown menu, currently set to 'Yes'.
- Buttons:** 'Save' and 'Cancel' buttons at the bottom right.

If clients prefer to use the extract to transfer data to their system, this is still available.



For more information, refer to the *Invoice: Invoice Pay User Guide*.

### 6.3.2.8 Step 8: (Optional) Using the IsReopened Report Attribute with Delta Posting (Concur Expense Only)

Customers that use the delta posting functionality can create audit rules and workflow conditions that apply to the expense reports reopened during the delta posting process. The attribute **IsReopened** is available for the Report object in the audit rule and workflow condition editors.



For more information, refer to the *Expense: Audit Rules Setup Guide* and *Expense: Workflow – General Information Setup Guide*.

### 6.3.2.9 Step 9: (Optional) Enable the Non-Domestic Tax Feature (Concur Expense Only)

Complete these configuration steps if the company captures VAT.

In **Administration > Expense > Site Settings**, select (enable) the **Non Domestic Tax Enabled** check box. Set the **Non Domestic Tax Field** to Custom 38.

The screenshot shows the 'Site Settings' configuration page. On the left is a navigation menu for 'Expense Admin' with various sub-sections. The main area contains a list of settings, each with a checkbox. The 'Non Domestic Tax Enabled' checkbox is checked. Below it, the 'Non Domestic Tax Field' is set to 'Custom 38' in a dropdown menu. At the top of the settings area are 'Save' and 'Cancel' buttons.

Setting	Status
Allow users to email reports and print reports in PDF	<input type="checkbox"/>
Enable personal card charge import	<input type="checkbox"/>
If set to true, allow more than one Authorization Request to be assigned to a single report.	<input type="checkbox"/>
Allow traveler to remove an E-Receipt without creating an expense	<input checked="" type="checkbox"/>
Allow traveler to remove a trip segment without creating an expense	<input checked="" type="checkbox"/>
Allow users to combine expenses into a single merged expense	<input checked="" type="checkbox"/>
Use Request allocation data (first) and Expense data (second) to pre-populate allocation fields ?	<input checked="" type="checkbox"/>
Use Named Groups for Car Configuration	<input checked="" type="checkbox"/>
Non Domestic Tax Enabled	<input checked="" type="checkbox"/>
Non Domestic Tax Field	Custom 38
Use reclaim extraction factors at tax rate level (Canada tax only)	<input type="checkbox"/>
Allow users to copy expense reports	<input checked="" type="checkbox"/>
Allow users to add expenses via Quick Expenses grid	<input checked="" type="checkbox"/>
Allow users to add mileage expenses via Mileage grid	<input checked="" type="checkbox"/>
Allow approvers to view reports approved as a delegate	<input type="checkbox"/>

In **Administration > Expense > Tax Administration > Tax Authorities**, enter your Non Domestic Code. When the two site settings above are configured, this code will be applied to non-domestic spend.

# Tax Administration

Tax Authorities | Tax & Reclaim Groups | Employee Related Configurations | Export | Reports | Fringe Benefits

1 General 2 Tax Rate Types 3 Tax Rates

Tax Authority Name:

Country:

State/Province:

Tax Name:

Non Domestic Code:

Credit Card Tax Field:

### 6.3.2.10 Step 10: (Optional) Rename the Payment Status to Posted

#### 6.3.2.10.1 CONCUR EXPENSE

In **Administration > Expense > Workflows > Expense Report Approval Statuses**, update the existing *Sent for Payment* status as follows:

Field	Value
Status	Posted
Action Text	Post
Description	Report has been posted to financial system

### Report Status ✕

---

Status:

Action Text:

Description:

Editable By Group(s):  ▼

---

#### 6.3.2.10.2 CONCUR INVOICE

In **Administration > Invoice > Workflows > Approval Statuses > Invoice**, update the existing *Extracted* status as follows:

Field	Value
Status	Posted
Action Text	Post
Description	Invoice has been posted to financial system

### 6.3.2.11 Step 11: (Optional) Configure Test Users

Users who are configured as test users can be used to test the integration. Any reports or cash advances from test users will be sent to the SAP S/4HANA Cloud test system rather than production.

In **Administration > Company > Company Admin > User Administration > User Information**, the administrator creates the users and selects the **Is a Test User** check box for the test user accounts. The test users can then be configured to use the integration, including adding them to the SAP S/4HANA Cloud test system.



For more information, refer to the *Shared: Test User Setup Guide* and the relevant SAP guide in the *2.7 Available SAP Documentation* section.

### **6.3.2.12 Step 12: (Optional) Configure the Payment Confirmation Workflow Step (Concur Expense Only)**

In **Administration > Expense > Workflows**, select (enable) the **Include the Payment Confirmation step** setting for the desired workflow.

---

**NOTE:** Payment confirmation must also be enabled in SAP S/4HANA Cloud Edition in order for this feature to function correctly. Refer to the SAP ERP documentation for more information.

**NOTE:** Payment Confirmation is not supported by the SAP Payroll integration.

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For more information, refer to the *Expense: Workflow – General Information Setup Guide* or the *Expense: Payroll Integration Setup Guide*.

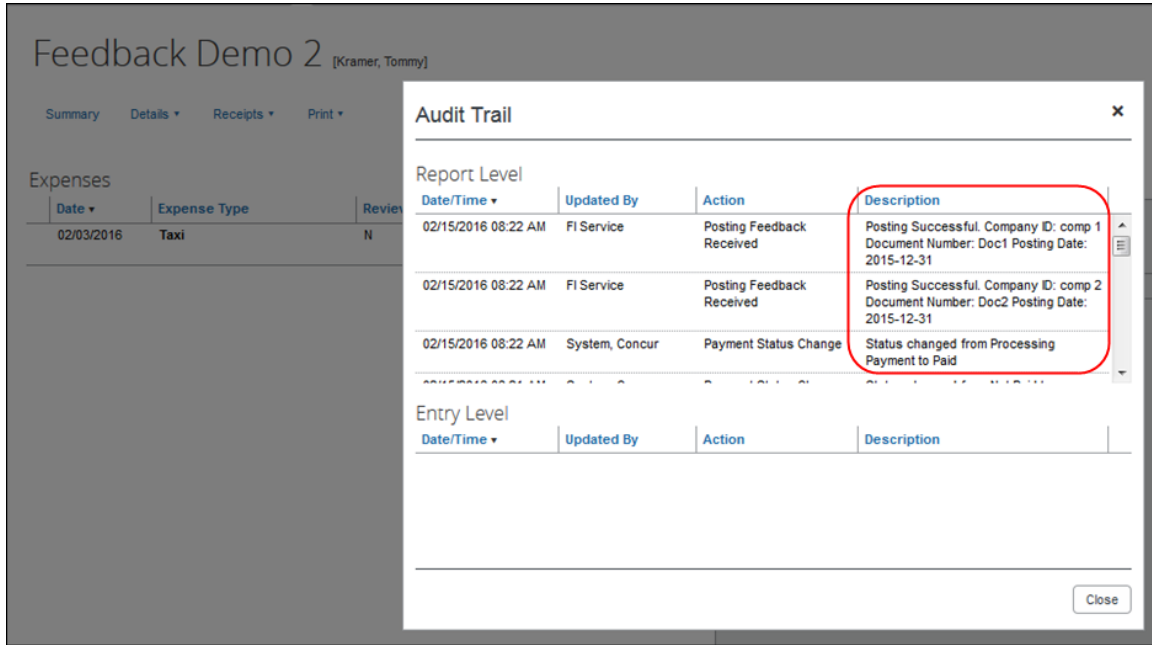
## **7 Creating a Support Case**

### **7.1.1 Reviewing the Audit Trail**

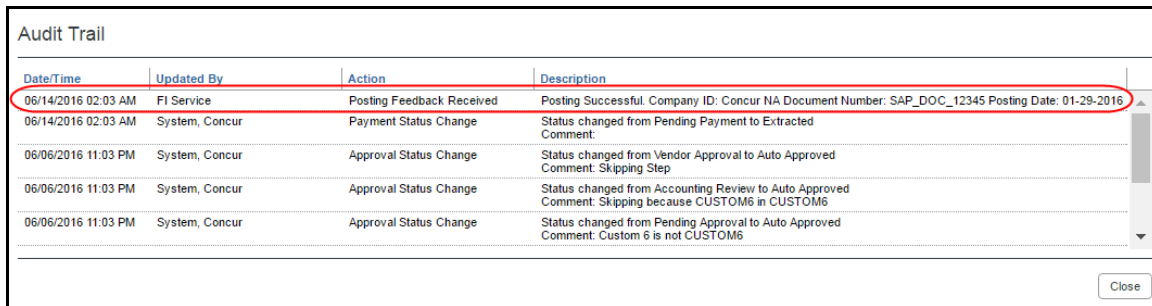
Before creating a support case, review the report/advance/invoice audit trail to determine the cause of the error.



For expense reports and cash advances, click **Details** > **Audit Trail** to view the audit trail.



For invoices, click **Details** > **Audit Trail** to view the audit trail.



Most issues result from incorrect account codes or vendor codes. Compare your SAP Concur solution configuration with the SAP system configuration to verify that the codes are correct.

If no information appears in the audit trail, but the financial document does not show in the SAP ERP, create a support case.

### 7.1.2 Creating a Support Case

The SAP ICS for SAP S/4HANA Cloud connects your SAP Concur solution and SAP systems and is therefore supported by both SAP Concur Support and SAP Support.

To avoid unnecessary delays during incident handling, please proceed as follows:

In which system does the problem originate?

- **SAP:** If you suspect the cause is in the SAP system, create a support ticket as described in the respective SAP integration setup guide, or in this SAP Note: [1296527 - How to create a support incident \(contact SAP Product Support\)](#)

If the issue relates to you SAP Concur solution after all, the SAP support team opens a case in the SAP Concur support system. The new case is created under the authorized support contact (ASC) for your SAP Concur solution, with the original ticket owner copied. The original SAP ticket is closed with a reference to the SAP Concur system and the email address of the person who initially created the ticket. The email address is needed to keep the ticket creator informed about the status.

- **SAP Concur solution:** If you suspect the cause is in the SAP Concur solution and you are the SAP Concur Administrator, create a support case by navigating to **Help > Contact Support** in your SAP Concur system. If you are not an ASC, contact your SAP Concur Administrator, who will create the Support case for SAP Concur support to manage. The ASC is able to add you as a cc on the case so you can track the case status.
- If you are not sure what is causing the problem, **please create the ticket in the SAP system first**, following the instructions above.

In your support ticket, include the following information:

- Expected behavior of the integration
- Actual behavior of the integration
- Time and date of the issue
- Expense Report ID, Cash Advance ID, Invoice ID, or Employee ID, if applicable

### **7.1.2.1 Deactivating the Integration**

Create a support case to deactivate the integration. This step should only be performed when replacing the integration or retiring the SAP ICS for SAP S/4HANA Cloud.

### **7.1.3 Creating an Enable Delta Posting Case**

If you are adding delta posting functionality after moving from Implementation to Production, you will need to submit a support case to SAP Concur Support. Use the following values:

Topic: Expense

Subject: SAP ICS – Delta Posting Activation

Case Type: SAP Integration (ICS)

Description (include the following):

- Expense Group(s) to have Delta Posting enabled
- Level to apply to the Expense Group
- Indicate Concur PROD or Concur TEST, as appropriate