

# Integrate Spend Management Processes with Back-End Processes



Host 0796	Networ on	484200 status	Host 080701Channel 1 monitor read
Host 0812	Networ on	28400 off	Host 190811Channel 1 monitor write
Host 0829	Networ on	18400 status	Host 480811Channel 1 share read
Host 1008	Networ on	48400 status	Host 480811Channel 1 share write
Host 08071	Networ on	48400 status	Host 161807Channel 2 monitor read
Host 0915	Networ off	38400 off	Host 080811Channel 2 monitor write
Host 0241	Networ on	48400 status	Host 190811Channel 2 share read
Host 2008	Networ on	48400 off	Host 190811Channel 2 share write
Host 0829	Networ on	48400 off	Host 240811Channel 1 monitor read
Host 0808	Networ on	48400 status	Host 420811Channel 1 monitor write
Host 0809	Networ off	48400 status	Host 160810Channel 1 share read
Host 0803	Networ off	18400 off	Host 480811Channel 1 share write
Host 0761	Networ on	18400 off	Host 420811Channel 2 monitor read
Host 8228	Networ off	38400 status	Host 200811Channel 2 monitor write
Host 0909	Networ on	48400 status	Host 230811Channel 2 share read
Host 1918	Networ on	48400 off	Host 170811Channel 2 share write
Host 0453	Networ off	38400 on	
Host 0000	Networ o		



The Best-Run Businesses Run SAP®

## Communicate between distinct software systems

# Communicate between distinct software systems

Communicating across different languages is vital to global business success, and the same is true when integrating data between different IT systems through middleware. Integration of SAP® software with Concur® solutions allows software systems to speak a common language, so your business can **effortlessly and efficiently monitor and manage your financial spend.**

To reduce time and labor, simplify setup, and help ensure a matched interface, you need your software systems to connect smoothly and your data to be consistent. With the native integration of SAP and Concur solutions, you can synchronize your existing back-end SAP software with powerful Concur Expense. You gain an accurate snapshot of the full spectrum of your business spend in near-real time – from pre-trip planning and accruals through expense transaction processing to postings,

payment processing, and final settlement of costs.

You can easily track financial transactions through this end-to-end visibility, knowing there is total transparency over your data and processes at all times. With automated, two-way data exchange through encrypted Web services only, network security is guaranteed while the single-system user experience optimizes time and resources.



# Synchronize your systems through Web services

## Synchronize your systems through Web services

Enhance financial postings with flexible monitoring

Secure your data exchange with encryption and automation

Intuitively set up, implement, and maintain integration

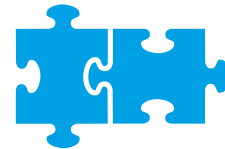
The single-system user experience between SAP software and Concur solutions means that you can enable both applications to directly and continually communicate and exchange data in both directions. And you do so using secure and encrypted Web services. (See the [figure](#) on the next page.)

The near-real-time integration of master-data changes helps you keep both software systems in sync and reduces the risks of any process breaks that are caused by data mismatch. You can also enable automatic updates for changes taking place in the SAP

software that need to be replicated in Concur solutions. The increased accuracy and consistency of master data across the two applications radically reduces costly and inefficient financial posting errors that hamper your business processes.

With the automated data synchronization, you can facilitate quicker and more-accurate processing of expense transactions in Concur solutions. At the same time, you can more easily post financial transactions and make faster payments to employees and vendors through your SAP software.

With native SAP software and Concur solutions integration, you can simplify your processes and free up your resources to focus on other important tasks.



**Synchronize your systems through Web services**

Enhance financial postings with flexible monitoring

Secure your data exchange with encryption and automation

Intuitively set up, implement, and maintain integration

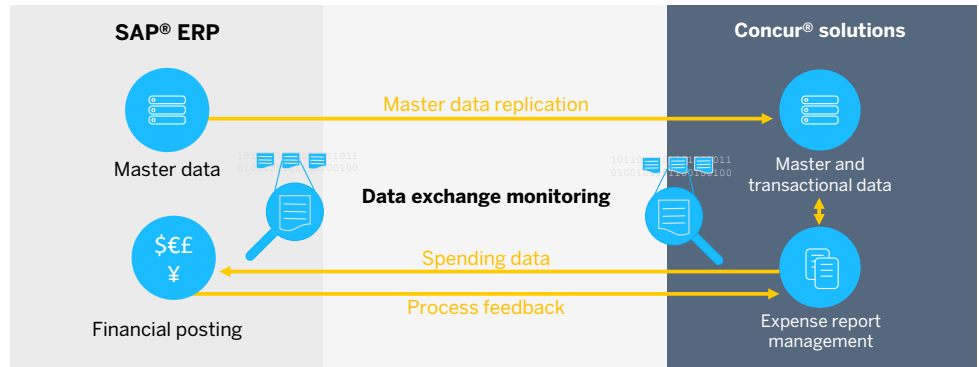


Figure: Data flow between the SAP ERP application and Concur solutions



# Enhance financial postings with flexible monitoring

Synchronize your systems through Web services

## Enhance financial postings with flexible monitoring

Secure your data exchange with encryption and automation

Intuitively set up, implement, and maintain integration

Your business most likely handles a wealth of expense data, from cost centers and sales order items to reimbursements and payments. With the analytics capability in Concur solutions, all relevant data is located in one tool. Plus, you can now retrieve details from the SAP ERP and S/4HANA application about the post-ing status of your expense reports as well as the accounting document ID of the financial posting created for each

report. You can also readily fix the root cause of any posting errors, thus eliminating manual correction processes.

Data-exchange-monitoring capability enables you to monitor message exchanges between Concur solutions and SAP software from both the technical and business perspectives while simplifying internal and external audits.

Simplified integration process monitoring helps you efficiently identify and correct financial posting errors and eliminate future occurrences.



# Secure your data exchange with encryption and automation

Synchronize your systems through Web services

Enhance financial postings with flexible monitoring

## **Secure your data exchange with encryption and automation**

Intuitively set up, implement, and maintain integration

You exchange data between SAP and Concur solutions through secured and encrypted Web service communication, namely, HTTPS and transport layer security. This means that there are outgoing connections from SAP ERP and S/4HANA but no incoming calls from the Internet to the application. You thus benefit from an integration environment with robust network security.

Integration of SAP and Concur solutions lets you manage mass data, with fully automated, near-real-time data synchronization on both solutions. Safely and securely, you can:

- Retrieve expense reports
- Acknowledge receipt of documents
- Send acknowledgments and further details of all successful and unsuccessful postings

This efficiency of information exchange negates the need for manual data entry (file uploads and downloads) across multiple systems. It also eliminates the delays of manual exporting, which go hand in hand with flat-file integration or middleware methods. This in turn reduces system complexity.

Finally, Concur solutions are ISO certified, are certified to international security and service excellence standards, and are under stringent scrutiny through various other industry audits.



# Intuitively set up, implement, and maintain integration

Synchronize your systems through Web services

Enhance financial postings with flexible monitoring

Secure your data exchange with encryption and automation

**Intuitively set up, implement, and maintain integration**

The implementation and setup of data integration across different solutions usually places heavy demands on valuable time and resources, traditionally taking days, weeks, or even months. It is the depth, sophistication, and intuitive implementation of the integration of SAP and Concur solutions that distinguishes it. You can be up and running in just a few simple steps. After that, integration is touchless.

If you have standard integration processes, no project-specific development is needed; all features and functions are available free of charge. The cost of maintenance is reduced, as you need no manual interaction. Also, take advantage of flexible mapping and conversion of the message handling, according to your individual fields and processes, so that your specific integration use cases are supported.



Control – and capitalize on – your organizational finances.



# Benefit from transparent, secure, efficient data integration

## Benefit from transparent, secure, efficient data integration

You can implement integration of SAP software with Concur solutions more quickly, more easily, and at lower costs than previous solutions. Next-generation innovation facilitates faster processing of expenses for faster payments, resulting in your being able to reimburse employees and vendors more rapidly.

The end-to-end, timely visibility into your spending, financial processing, posting, and payments in both solutions gives you an out-

standing overview into your overall finances. The successful financial posting and full process transparency helps your business run more smoothly because you can identify, analyze, and fix errors more effectively and efficiently.

This integration reduces the resources it takes to manage your IT system and can increase the long-term value of your investment in SAP and Concur solutions.



Accelerate management of expense reports and invoicing by enabling Concur solutions to talk with your back-end software.







---

## Objectives

---

### Summary

Integration of SAP® software with Concur® solutions allows you to control your organizational finances thanks to application synchronization through a secure, encrypted Web-based service. By using this native integration, you benefit from a 360-degree view of all your financial data in one place in near-real time. Automate and connect the entire spending process handled by Concur solutions – from prespend approvals to reconciliation, reporting, and analytics – into your existing SAP software.

---

### Objectives

- Eliminate manual processes
- Enable automatic updates for changes and reduce posting errors
- Identify and correct financial posting issues
- Remove the need for connectors and middleware and reduce system complexity

---

## Solution

---

## Benefits

---

## Quick Facts

---

### Solution

- Bidirectional, system-to-system communication through Web services
- Data exchange monitoring in both SAP software and Concur solutions
- Encrypted and fully automated data integration
- Intuitive setup, implementation, and maintenance

---

### Benefits

- Accurate data integration and faster expense processing for faster payments
- End-to-end, timely visibility into all financial transactions
- Successful financial posting and full process transparency
- Robust network security and data integrity with native integration
- Time and resource savings due to simplified integration setup

---

### Learn more

To find out more, call your SAP representative today or visit us [online](#).



© 2016 SAP SE or an SAP affiliate company. All rights reserved.

No part of this publication may be reproduced or transmitted in any form or for any purpose without the express permission of SAP SE or an SAP affiliate company.

SAP and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP SE (or an SAP affiliate company) in Germany and other countries. Please see <http://www.sap.com/corporate-en/legal/copyright/index.epx#trademark> for additional trademark information and notices. Some software products marketed by SAP SE and its distributors contain proprietary software components of other software vendors.

National product specifications may vary.

These materials are provided by SAP SE or an SAP affiliate company for informational purposes only, without representation or warranty of any kind, and SAP SE or its affiliated companies shall not be liable for errors or omissions with respect to the materials. The only warranties for SAP SE or SAP affiliate company products and services are those that are set forth in the express warranty statements accompanying such products and services, if any. Nothing herein should be construed as constituting an additional warranty.

In particular, SAP SE or its affiliated companies have no obligation to pursue any course of business outlined in this document or any related presentation, or to develop or release any functionality mentioned therein. This document, or any related presentation, and SAP SE's or its affiliated companies' strategy and possible future developments, products, and/or platform directions and functionality are all subject to change and may be changed by SAP SE or its affiliated companies at any time for any reason without notice. The information in this document is not a commitment, promise, or legal obligation to deliver any material, code, or functionality. All forward-looking statements are subject to various risks and uncertainties that could cause actual results to differ materially from expectations. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of their dates, and they should not be relied upon in making purchasing decisions.



The Best-Run Businesses Run SAP®