

Objectives

Solution

Benefits

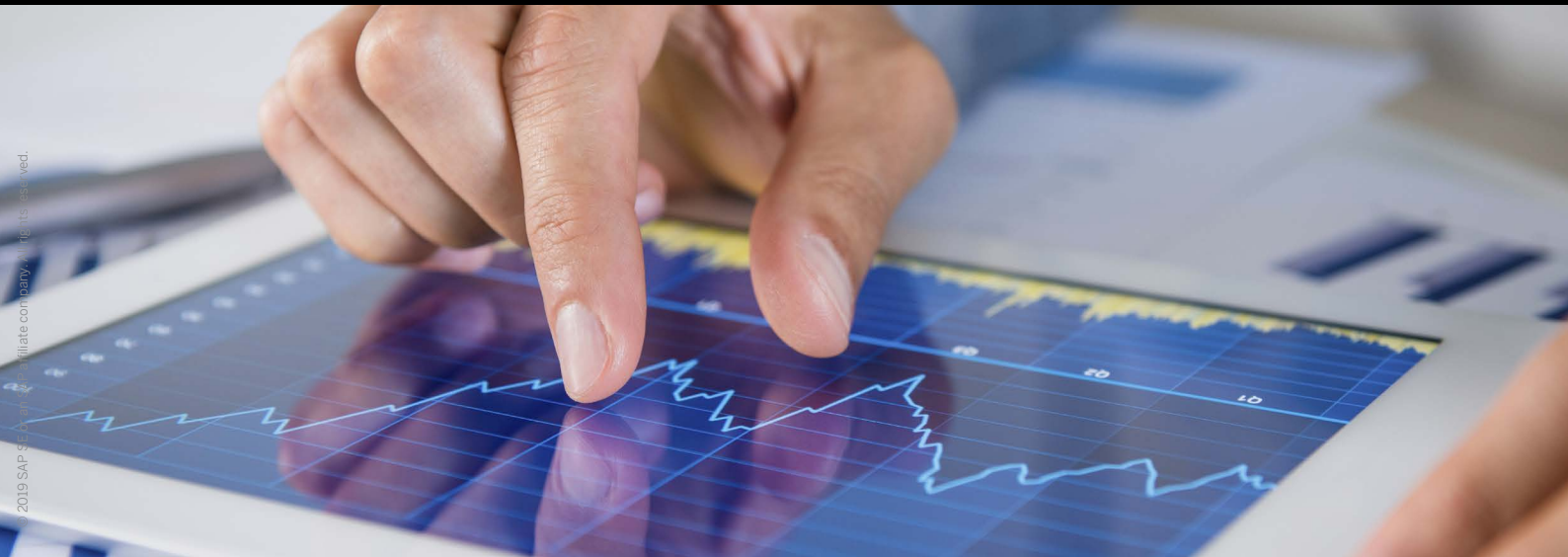
Quick Facts

## SAP Solution Brief

SAP Solution Extensions | SAP Central Finance Transaction Replication by Magnitude for SAP S/4HANA

# Enabling **Intelligent Data Integration** for Central Finance

THE BEST RUN





# Streamlined Implementations and Reduced Costs

The SAP S/4HANA® solution for central finance foundation unites data for processes from finance operations and accounting to treasury, compliance, risk, planning, and analysis. By **expediting and simplifying the transaction integration process**, you can enable agile, intelligent finance operations while reducing costs and increasing efficiency.

## Streamlined Implementations and Reduced Costs

Organizations with complex ERP landscapes turn to SAP S/4HANA for central finance foundation to pull transactions and data together to streamline and transform finance. Successful central finance deployments require robust data integration from SAP and non-SAP sources and include elements such as real-time replication of detailed transactions, handling reversals and adjustments, and keeping up with system version changes. It's also critical to address challenges such as mapping transaction types and finding transaction data in various systems.

Now, with the help of an advanced transaction-replication application, you can accelerate implementations by eliminating complex data-integration tasks and the need for custom development. You can efficiently interface data from multiple source systems to facilitate integration, reduce risk, and improve agility and decision-making.



# Data Integration Across Source Systems

The SAP® Central Finance Transaction Replication application by Magnitude for SAP S/4HANA replicates transactions from source ERP systems into SAP S/4HANA for central finance foundation. The application enables and accelerates the integration of third-party ERP systems and SAP solutions for transactions including general ledger postings, accounts payable postings, and accounts receivable. It connects and normalizes detailed transactions from non-SAP sources in real time and provides visibility of non-SAP operational details.

SAP Central Finance Transaction Replication offers predefined technical mapping for data extraction from non-SAP sources to central finance as well as procedures for transformation to the central

finance third-party interface. The application uses a data repository to enable reconciliation and then lets you drill down into transactional details for increased transparency. Data queries and reporting let you track status and changes to transactions throughout the replication and posting process. Importantly, the application writes changes back to non-SAP source systems to sync central payments.

The application keeps you up to date with the latest features and functionality. It automatically accommodates recent releases and changes to SAP and non-SAP data models and lets you avoid the time and expense of ongoing custom development.

## Data Integration Across Source Systems

Transaction Replication and Drilling Down into Source Data

Data Syncing and Reconciliation Reporting



# Transaction Replication and Drilling Down into Source Data

Transaction replication functionality lets you load financial documents, such as opening balances for customers, vendors, and general ledger accounts as well as historical transaction details. The application allows rapid connection to any source system, whether through a direct connection or flat-file import. It accommodates a range of non-SAP sources and supports multiple transaction types.

SAP Central Finance Transaction Replication detects new financial postings in real time with technology for change-data capture, and it extracts all the details of the transaction, including general

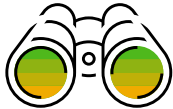
ledger and subledger details from source database tables. The application transforms the transaction structure, applies validation to help ensure document integrity, and loads transactions into central finance staging tables for third-party data.

With the application, you can drill down into original non-SAP transaction and operational details. Thanks to the intuitive SAP Fiori® user experience, you get near-real-time access across all sources, improved visibility of financial data, and a better understanding of supporting information.

Data Integration Across Source Systems

## Transaction Replication and Drilling Down into Source Data

Data Syncing and Reconciliation  
Reporting



Help provide a simple, **complete view** of the organization's financial information.



# Data Syncing and Reconciliation Reporting

When payments are made within central finance, SAP Central Finance Transaction Replication automatically writes the payments back to the source in near-real time to keep data in sync. For example, if a cash payment was applied to an invoice in central finance, SAP Central Finance Transaction Replication posts the change back to the original system, clearing any open items in the source.

The application provides complete visibility of the replication process. Powerful reconciliation reporting lets you track, audit, and compare postings between source ERP systems and central finance. To identify any possible discrepancies, the application allows you to make summary and detailed comparisons at each step in the transaction replication process. Reconciliation reports show information including document exceptions, unposted records, and customer, vendor, and general ledger balances.

Data Integration Across Source Systems

Transaction Replication and Drilling  
Down into Source Data

## Data Syncing and Reconciliation Reporting



The application maintains **persistent** transaction history, even when source systems are not available, and enables a shared-services approach.



# Faster Implementations, Better Results, Lower Costs

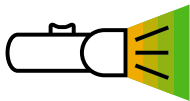
SAP Central Finance Transaction Replication speeds and enhances data integration for your move to central finance, increasing transparency, helping unify and transform finance – and reducing integration cost, risk, and effort. The application streamlines and automates key aspects of the data integration process, improving project efficiency, effectiveness, and agility while empowering finance users with access to real-time data and sophisticated analytics for better decision-making.

The application facilitates integration for any third-party source, supports a wide range of transaction types, and allows real-time updates

from source systems and automatic syncing of changes. With it, you can spend less time on critical-path-integration activities and enable earlier and more-frequent testing to accelerate data-load readiness.

The application offers native integration with central finance. By adding SAP Central Finance Transaction Replication to central finance implementations, you can focus on speedy solution installation instead of lengthy custom development – while reducing operational costs.

**Faster Implementations, Better Results, Lower Costs**



Quickly bring together data from multiple financial systems and present it in a central, **unified system** for maximum visibility and control.



### Summary

The SAP® Central Finance Transaction Replication application by Magnitude for SAP S/4HANA® speeds the integration of third-party ERP systems and SAP solutions. The application connects and normalizes transactions from non-SAP sources in real time, provides visibility of non-SAP operational details, and enables your move to the SAP S/4HANA solution for central finance foundation. By adding the application to your central finance landscape, you can support faster, better, and more cost-effective implementations.

### Objectives

- Support the move to SAP S/4HANA for central finance foundation
- Enable and speed data integration
- Reduce costs and risk

### Solution

- Replication of source transactions into central finance
- Connection and normalization of transactions from non-SAP sources in real time
- Predefined technical mapping for data transformation and extraction
- Drill-down capabilities into source transaction and operational information
- Synchronization of central payments back to source ERP systems
- Reconciliation reporting with the SAP Fiori® user experience

### Benefits

- Facilitate and accelerate data integration for your move to central finance
- Reduce integration cost, risk, and effort
- Enable agile, intelligent finance operations

### Learn more

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