

Central Finance Solution overview (L1)

Carsten Hilker / Javaid Awan - Global Solution Management, S/4HANA / Central Finance September, 2020

PUBLIC



Solution overview

Customer stories

Executive summary

*	Problem	Legacy system landscapes, the promise of non-disruptive digitization, centralization
*	Solution	Concept, product, non-SAP, delivering the Intelligent Enterprise & S/4, driver for change
*	Capabilities	Value Proposition, supported business capabilities
*	Benefits / value	Designed for quick value, designed for accelerated ROI, benefits, business value
*	Deployment	Cloud deployment, adoption content, 3rd party integration, data harmonization

References, testimonials, market presence, industry coverage

Analyst perspective Gartner, SAPinsider, domain thought leaders (Sloan/MIT / McKinsey / Hackett)

More information Publications, training, conferences, customer community

One pager

Problem

Legacy systems landscapes, non-disruptive digitization, centralization

Enterprises are stuck with legacy system landscapes

Iterative and stage-gate funded deployment as pragmatic approach to innovation adoption and business transformation (process, people, organization, systems)



McKinsey & Company



Digital decoupling

- Companies find that the patchwork of legacy systems makes it difficult to scale innovation
- Benefit from new information technologies while keeping legacy systems humming

Digital transformation

- Balance, reinvent the core and invest in new business models
- Stage-gate your investment
- Lead-by-example with RPA, shared and self service

CFO Agenda: Next-Gen Capabilities

- Reduce operating cost
- Modernize application platforms
- Take advantage of new technologies

https://sloanreview.mit.edu/article/technical-debt-might-be-hindering-your-digital-transformation

https://www.mckinsey.com/business-functions/strategy-and-corporate-finance/our-insights/digital-transformation-the-cfos-role

https://www.thehackettgroup.com/key-issues-fin-1902/

Problem Statement

Finance organizations are exposed by legacy system technology

Situation

Finance provides

- Accounting, planning, reporting, and finance operations
- Mostly out of traditional legacy system technology
- For legal entities often operating their own legacy systems (multi-ERP)
- Often using (heterogenous) different legacy system technologies (mix of in-house, external software vendors)

Impact

Finance covers

- Everyone
- Enterprise-wide, cross-system
- On a daily basis, again and again
- No matter what ERP system they are in

Resulting in

- High Effort (resources / cost)
- Reduced Quality (compliance)
- Additional Time (duration)

Problem

Finance as usual (more of the same)

- Holding back business model innovation
- Preventing operational excellence
- Not sustainable (in long run)

Barrier

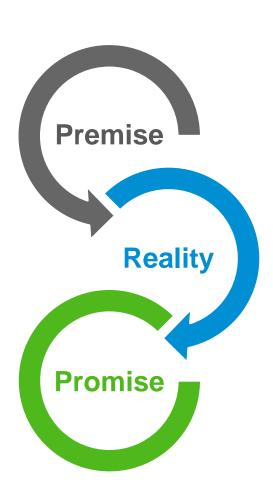
- for enterprise and finance digitization
- for business transformation at large

How can I overcome challenges from heterogenous, multi-ERP legacy system landscapes?

S/4HANA as path to digitization

- Digital technologies are changing how we live and work; they are already changing the world at an accelerated pace
- Enterprises can only stay competitive by infusing digital technology into all areas of a business

- Technology and digitalization can help solve environmental, economic, and social challenges
- SAP S/4HANA can help reinvent how a business operates, delivers net-new customer and employee experiences, and establishes new business models

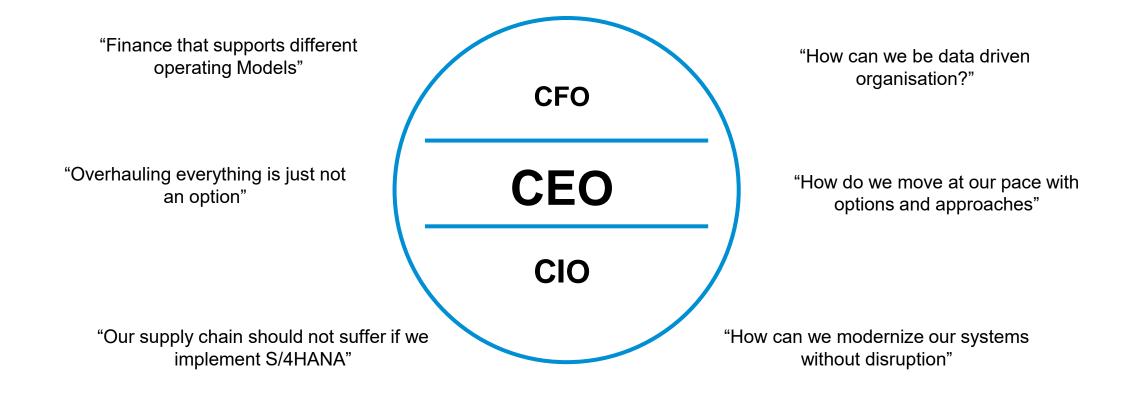


How will I get there?

- Use of outdated legacy system technology creates technical debt and hinders innovation (MIT/Sloan¹⁾)
- Companies need to balance renovating the core (keep legacy systems humming) while introducing innovations, optimally with stagegate investments and funding (McKinsey ²⁾)

¹⁾ https://sloanreview.mit.edu/article/technical-debt-might-be-hindering-your-digital-transformation 2) https://sloanreview.mit.edu/article/technical-debt-might-be-hindering-your-digital-transformation-transformation-debt-might-be-hindering-your-digital-transformation-debt-might-be-hindering-your-digital-transformation-debt-might-be-hindering-your-digital-transformation-debt-might-be-hindering-your-digital-transformation-debt-might-be-hindering-your-digital-transformation-debt-might-be-hindering-your-digital-transformation-debt-might-be-hindering-your-digital-transformation-debt-might-be-hindering-your-digital-transformation-debt-might-be-hindering-your-digital-transformation-debt-might-be-hindering-your-digital-transformation-debt-might-be-hindering-your-digital-transformation-debt-might-be-hindering-your-digital-transformation-debt-might-be-hindering-your-digital-transformation-debt-might-be-hindering-your-digital-transformation-debt-might-be-hindering-your-digital-transformation-debt-might-be-hindering-your-digital-transformation-debt-might-be-hindering-your-digital-transformation-debt-might-be-hindering-your-digital-transformation-debt-might-be-hindering-your-digital-transformation-debt-might-be-hindering-your-digi

Finance FIRST as Segway to transformation



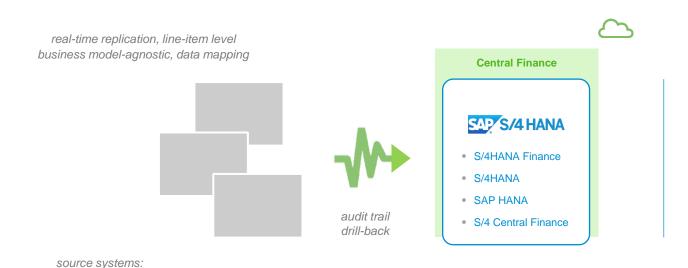
Solution

Concept, product, integration, delivering S/4 % the Intelligent Enterprise

Central Finance Concept

- bring-your-own-data
- any-field (green, blue, or brown-field)

Provides organizations with heterogenous system landscapes a non-disruptive path to a central, single source-of-truth for financial reporting, optimized finance process execution and digital business transformation



Key capabilities

- Entity and group / reporting and planning
- Process orchestration and execution
- Finance and business transformation

non-disruptive (lower-risk)
iterative roll-out (stage-gate investment)
S/4HANA onboarding option

SAP (any release)on-premise or cloud

■ non-SAP ERP

future M&A

Central Finance Core components of a Central Finance system

From a technical / software license perspective, below are the core technical components of a Central Finance system



Standard S/4HANA

- S/4HANA Enterprise Management
- S/4HANA Finance
- SAP HANA (database)

plus

SAP S/4HANA for central finance

10

Central Finance Standard SAP integration and enablement (so you don't have to build it)

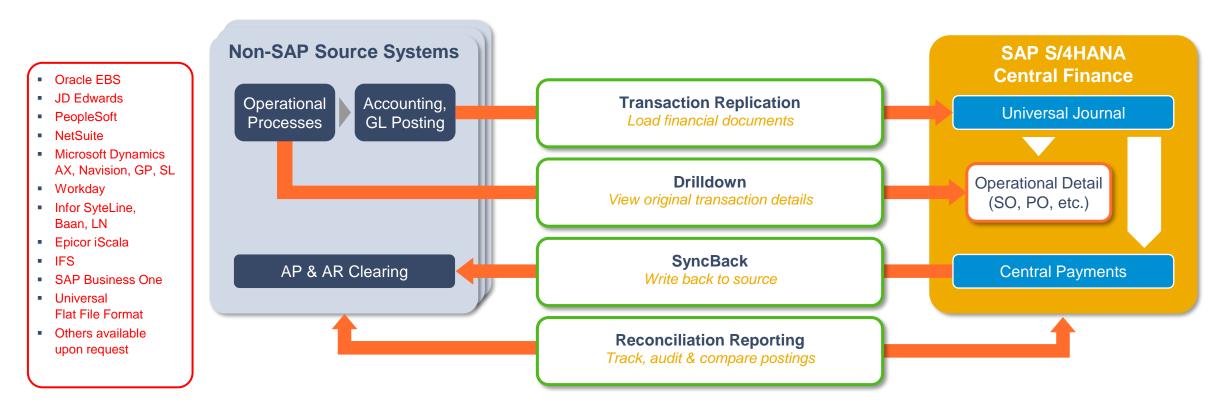
SAP supports the Central Finance concept through a standard software product called SAP S/4HANA for central finance



- Real-time Replication
- Business Mapping ¹⁾
- Data Enrichment 2)
- Inbound posting
- Process Enablement 3)
- Error correction 4)
- Reconciliation Reporting
- Posting Synchronization 5)

¹⁾ via SAP MDG Foundation or BRF plus 2) inclusion of additional dimensionality in cFIN posting via user exits or cFIN specific BADI's 3) includes dynamic master data replication as well as provision of additional data required to enable central processes (like replication of selected logistics information to enable local tax reporting or product cost information to enable co-PA reporting) 4) via SAP AIF 5) capabilities include automatic clearing of open items in source system after successful replication into Central Finance, down payment integration and SAP ERP side panels with access to cFIN document status; various standard SAP mechanism (LSMW, ALE /IDoc etc.) for additional custom data back-posting

Central Finance Integration (SAP Central Finance Transaction Replication by Magnitude)



Co-Innovated with SAP

- Feature-rich integration using SAP technology
- Uses 3rd-party staging area, SLT, AIF
- Regular cadence and design reviews with SAP

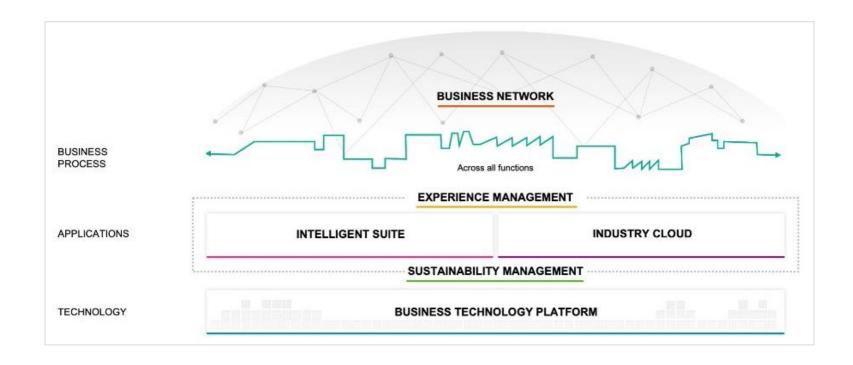
Highly Scalable

- Real-time replication
- 1M lines per minute throughput
- Architected for minimal impact to sources

Lowers TCO

- Prebuilt source-to-target mappings for Oracle EBS, JD Edwards, PeopleSoft, etc.
- Installs in as little as 15 days
- Endpoint upgrade protection

Central Finance delivers the Intelligent Enterprise



- non-disruptive
- across your enterprise
- source system agnostic

Intelligent Suite

SAP offers an integrated suite of applications that support your end-to-end business processes. The suite helps manage every part of your organization – employees, customers, products, spend, finance, and IT. With embedded analytics, we provide a 360-degree view of your business.

Business Network

The SAP business network will help you to digitalize cross-company business processes. The network builds on current procurement, travel, and contingent workforce solutions to help intelligent enterprises work together to create flexible value chains.

Business Technology Platform

The platform provides data management and analytics, supports application development and integration, and allows you to use intelligent technologies – such as artificial intelligence, machine learning, and the Internet of Things – to drive innovation.

... and the Intelligent Enterprise enables Central Finance

Central Finance delivers the SAP S/4HANA

Digital Transformation

through Simplification

Process Automation

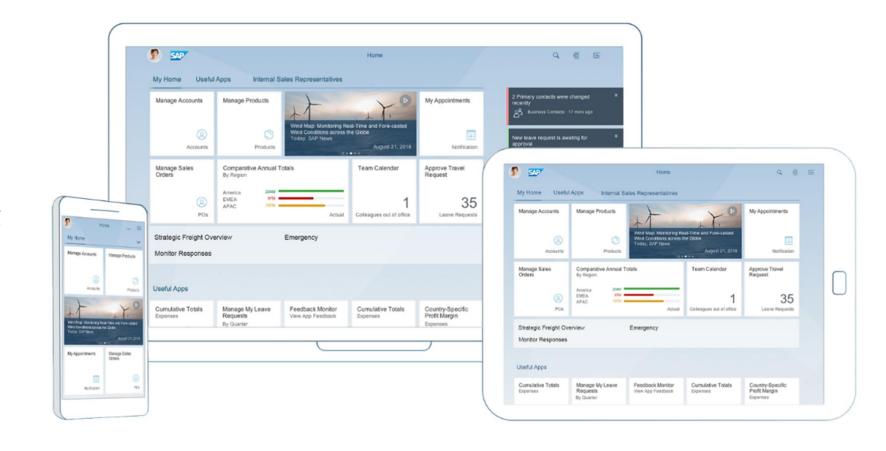
via imbedded Machine Learning

User Experience

with Award Winning FIORI 2.0

Insights to Action

through predictive analytics



Central Finance continued stream of cross-portfolio finance innovations

Finance & Risk

Chief Financial Officer

Vice President, Finance



Head, Corporate Reporting



Head, Finance Operations



Head, Corporate Treasury



Risk, Compliance & Audit Officer



CISO, CIO



Financia	l Planning
& Analys	is

Planning, Budgeting, and Forecasting

Profitability and Cost Management







Accounting & Financial Close

Financial Accounting

Entity Close



Financial Reporting

Direct Tax Management

Financial Close Governance

Finance Operations

Record to Report

Order to Cash



Procure to Pay

Indirect Tax Management

Real Estate Management

Travel and Expense Management

Financial Shared Service Management

Financial Process Governance

Treasury Management

Payments and Bank Communications

Cash and Liquidity Management

Debt and Investment Management

Financial Risk Management

Risk Management for Commodities

Treasury Governance

Enterprise Risk & Compliance

Enterprise Risk Management

Controls and Compliander
Management

Automated Monitoring and Screening

Policy Lifecycle Management

Audit Management

International Trade Management

Cybersecurity & Data Protection

Access Governance and Identity Management

Single Sign-on



Data Loss Prevention



top 10 innovations including predictive accounting, integrated intercompany, secure data access, margin analysis, universal allocations, financial close, receivables management, cash management, and advanced compliance reporting 15

Top 10 S/4HANA Finance Innovations via Central Finance



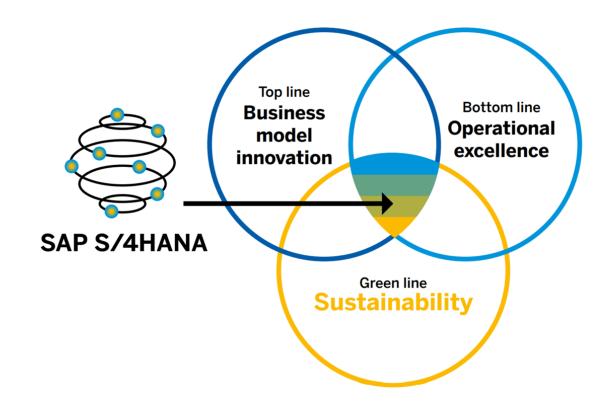
1	Predictive Accounting Provide better visibility of near-time cash flow, revenue and margin	6	Universal Allocations Deliver a standard approach to allocations
2	Integrated Intercompany Reconcile intercompany transactions before consolidation eliminations	7	Financial Close Execute a faster, less effort-intensive close
3	Secure Data Access Ensure data access is managed & controlled effectively	8	Receivables Management* Unified view, real-time analytics, and streamlined design
4	Transfer Pricing Understand the true cost of production to optimise Group Profitability	9	Cash Management** Better data architecture and UI for reporting/monitoring Cash
5	Margin Analysis Determine gross margin quicker and simpler	10	Advanced Compliance Reporting** A standard solution for Indirect Tax Reporting

^{*} Features included in S/4HANA ** Basic versions included in S/4HANA

Central Finance For your top-line, bottom-line, and green-line

DATA DRIVEN AND NETWORK ECONOMY

- In the past, companies have designed great products that provide high value to their customers.
- When moving from a traditional linear economy to a circular economy, companies must manage not only the creation of products, but all aspects of the product lifecycle from cradle to grave, including transportation, energy consumption, repair, and recycling.
- Networks allow connections to grow and for business to take place in efficient and effective ways while also offering opportunities for new value adding services.
- In this way, they minimize resource consumption and reduce waste,
 pollution, and carbon emissions by working in networks as it's no longer
 possible for companies to act in silos.



Capabilities

Value Proposition, supported business capabilities

Central Finance Value Proposition (short)







Advanced entity and group reporting and planning

Optimized process orchestration and execution

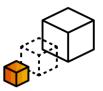
Accelerated finance and business transformation

- Data driven insights and decisions
- Single source-of-truth
- Segment, LOB and enterprise view

- Innovative & intelligent
- Local, central, & corporate
- Standardized or differentiated

- Self service
- Shared service
- Automation

Central Finance Value Proposition (long)







Advanced entity and group reporting and planning

- Data driven insights and decisions
- Agnostic consumer front-ends like MS Excel
- Single source-of-truth (transaction level)
- Segment, LOB and enterprise view
- Enterprise-wide, cross system
- Embedded planning, consolidation, analysis

Optimized, scalable end-to-end finance processes and execution

- Based on innovative & intelligent capabilities in SAP S/4HANA and S/4HANA Finance
- Scalable processes (end-to-end) via local, central, or corporate orchestration in central system
- Optimized execution of standardized (commoditized to outsourced) or competitively differentiated finance transactions

Accelerated digital finance and business transformation

- Self service to streamline information access and process execution
- Shared service to leverage the economies of scale across the organization
- Automation to complement human process execution with machine-learning and robotics process capabilities



SEP-2020

Central Finance Supported business capabilities

Business Area

> Business Capability

Financial Planning & Analysis	Payables Management	Receivables Management	Accounting & Financial Close	Treasury Management
Financial Planning	Open Payables Management	Credit Management	Financial Multi-GAAP Posting	Payment Management
Budgetary Accounting	Accounting Analytics	Open Receivables Management	Non-Financial Data Recording	Bank Connectivity Management
Predictive Accounting	Payables Processing	Customer Payment Collaboration	General Ledger Accounting	Cash & Liquidity Management
Overhead Cost Accounting	Supplier Payment Collaboration	Accounting Analytics	Asset Accounting	Debt and Investment Management
Production Cost Accounting		Dispute Management	Inventory Accounting	Financial Risk Management
Service Cost Accounting		Collection Management	Revenue Accounting	Commodity Risk Management
Project Cost Accounting			Lease Accounting	Treasury Governance and Compliance Management
Sales Cost Accounting	Supplier Invoice Processing	Customer Invoice Management	Accrual Management	Treasury Analytics
Transfer Price Management	Supplier Invoice Receipt Management	- Convergent Invoicing -	Local Financial Closing	
Inventory Valuation			Group Financial Closing	
Margin Analysis			Audit Preparation	
Margin Optimization			Local Statutory Reporting	
Intercompany Management			Group Statutory Reporting	
Financial Simulation			Regulatory Reporting	
Financial Analytics			Management Reporting	Fin
			Accounting Analytics	Procu

optional, extended use

supported

partial support

source system

Sales

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Accounting Analytics

Benefits / business value

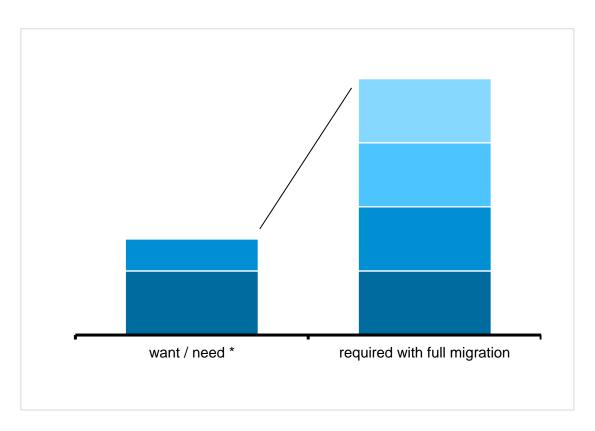
Designed for quick value & accelerated ROI, benefits / business value

Designed for quick deployment

Central Finance: build-to-suit

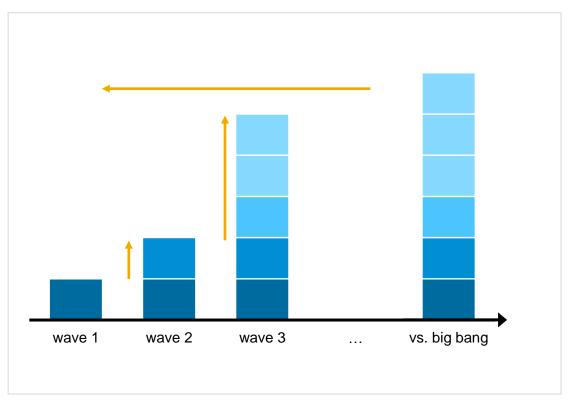


versus full, all-in S/4HANA migration



^{*} by process, people, organization, location, application, system, and innovation

iterative / accelerated roll-out

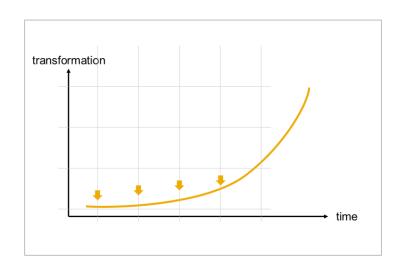


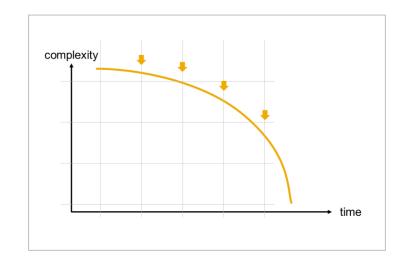
Iterative roll-out in waves, with as many or few scope items (process, people, organization, location, application, system, and innovations) as desired or feasible

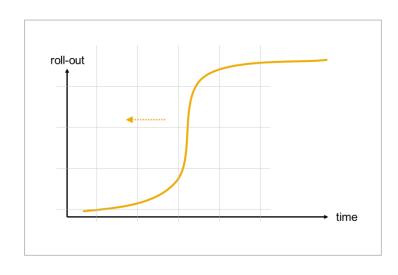
Central Finance: Mile-stone-based value creation



Iterative deployment (processes, people, systems and business transformation) with stage-gate funding option for tangible business value creation in each milestone or phase of the Central Finance roll-out







- mile-stone-based value realization
- continued complexity reduction

roll-out acceleration (vs. big bang)

Central Finance Business Benefits

Determine viable new business models and growth opportunities in the digital economy by predicting outcomes, and flexibly adapt structures and processes to changes and information. Translate live data into informed, quick decisions and reduce costs while improving service.

Efficiency

(Shared Resources / Automation)



- Integrate, standardize, harmonize
- Eliminate interfaces and reconciliation.
- Reduce costs for different processing methods
- Minimize manual processes / automate
- Reduce cycle times / transaction cost
- Re-deploy labor to higher value-added activities

Agility

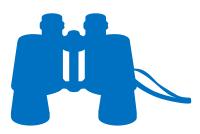
(Versatility / Adaptability)



- Quickly adapt to changing business environments
- Optimize resource allocation
- Improve cash management, collections, and receivables
- Leverage economies of scale (shared services)
- Merge & Spin (divest) at leisure

Transparency

(Clarity / Foresight)



- Quickly adapt to changing business environments
- Align individual with corporate goals
- Manage profitability on micro-segment levels
- Establish single source of truth, corporate vs individual memory
- Realize cross-entity market potential
- Manage inter-company process, reporting and cost

Top Benefits of Central Finance

Flexibility Transparency Increase transparency with a single, central source of truth of Quickly adapt to changing business environments and implement harmonized financial data for local, entity and group reporting your own growth activities & business model changes 3 **Efficiency** Service Level Improve process efficiency by integration, standardization, and Improve the service level provided to stakeholders; service quality, automation of business processes accuracy, speed and timeliness, optimally in self-service scenarios 5 6 **Working Capital Improvement Cost reduction** Simplify your cash-, collections-, and receivables management Reduce maintenance of multiple systems, applications, and and improve your working capital interfaces, improve and innovate local and introduce centralization and economies of scale (shared services) to process execution **Simplification** 8 **Business Continuity** Run simple and live with one rationalized, and consolidated Connect your SAP and non-SAP ERP landscape without solution for transaction recording, reporting, planning and disruption to S/4 to run as a digital business, capture market and consolidation transformation potential via cloud and subscription options

Business value

Central Finance: Enabling tangible results across Finance

VP of Finance



Head of Corporate Reporting



Corporate Treasurer



Head of Finance Operations



Chief Compliance Officer



Financial Planning & Analysis

Accounting & Financial Close

Treasury management

Financial Operations

Enterprise Risk & Compliance Management

Dynamic planning and analysis

- Faster M&A integration
- Rapid design of new business models
- Closed-loop, real-time planning at any level
- End-to-end, drilled-down customer and product profitability analysis
- Predictive forecasts and dynamic simulation with real-time "what if" analysis
- Visual analysis of financial statements**

50–100% reduction in financial forecasting error rate*

Soft or virtual close

- Foundation for "soft close"
- Instant profit-and-loss insights and real-time cost control
- One universal journal for a single source of the truth
- Embedded real-time consolidation
- Multidimensional reporting on the fly
- Integrated regulatory/ statutory and managerial reporting

40-50% reduction in days

to close annual books*

Reduced reconciliations

Real-time actual-to-plan cash management

- Real-time integrated liquidity planning
- Improved liquidity forecasting accuracy
- Instant visibility into working capital
- Predictive and automated forecasting process
- Simplified and automated bank processes
- Higher transparency on financial exposure risk
- Single source of the truth for all financial risks

25–35% reduction in unnecessary capital requirements*

"Lights-out" finance

- Simplify, harmonize, and improve collaboration in operations
- Buyer-supplier integration with business networks**
- Improved budget and spend tracking**
- Employee perfect trip experience**
- Improved real estate management**

Always-on compliance

- Instant identification and prediction of potential fraud**
- Smart strategies for fraud prevention**
- Streamlined, automated controls, aligning risk to business value drivers and regulations**
- Integrated controls in processes**

10–25% reduction in accounts receivable management costs*

25–30% reduction in risk management and compliance costs*

rate* requirements* management cos

^{*}Benefits are based on early adopters of SAP S/4HANA® or conservative outside-in benefits due to moving from a traditional ERP to enhanced SAP S/4HANA + line-of-business (LoB) and cloud capabilities. As each enterprise is at a different level of maturity, our recommendation is to work with you to determine the value proposition for the enterprise.

^{**}Capabilities that extend beyond SAP S/4HANA shipment to SAP's broader cloud and LoB portfolio

S/4HANA Innovation Examples: Finance

Record Financial Accounting Entries



- Translate business transactions into financial postings
- Harmonize financial postings from multiple systems requests

Controlling & Management Reporting



- Transparent cost & profit modeling and execution
- Real-time contribution margin insights across business dimensions
- Reconciled management and legal accounting

Compliance & Tax



- Support multiple accounting standards and disclosures such as IFRS, multi-GAAP with no manual effort
- Continuous, self-auditing tax-monitoring processes for sales, VAT, GST, asset depreciation and other taxes

Entity Close



- Continuous monitoring of local and business unit closing tasks
- Instant access to financial information on entity, business unit and group level throughout the period

Corporate Close & Consolidation



- Integration of the consolidation process within the finance core
- Efficient entity and group level financial statement creation

Financial Statement Reporting & Analytics



- Ability for stakeholders to analyze across any combination of dimensions and KPI's
- Efficient legal financial statement reporting and disclosures
- Better decisions support based on accurate and predictive info

SAP S/4HANA innovations

Key

capabilities

required

One universal journal for subledgers, transactions and analysis based on a single source of the truth Real-time cost and profitability analysis to see business impact before committing to plans

Centralized tax and legal reporting provides the agility to meet fast-changing compliance and regulatory requirements Continuous monitoring and simulation of all closing activities and results to avoid bottlenecks and address business concerns

Embedded real-time consolidation enabling group-wide accurate, automated close at any moment

Transformed boardroom
experience with real-time and
predictive insight for effective
business steering

SAP S/4HANA Fev

Customers
Achieved*

25%-50%

Fewer finance FTEs with streamlined, automated, & integrated core financials 5% to 10% reduction in business and operations analysis and reporting costs

7 days down from 2 months to complete an asset depreciation tax return 40-50% reduction in days to close annual books*

Up to 10x faster month end closing, reporting and consolidation

25% to 50% reduction in cycle time for financial forecasting and reporting

^{*}Benefits are based on early adopters of SAP S/4HANA or conservative outside-in benefits from SAP Performance Benchmarking due to moving from a traditional ERP to enhanced SAP S/4HANA. As each enterprise is at a different level of maturity, our recommendation is to work with you to determine the value proposition for your enterprise.

Deployment

Cloud, adoption content, 3rd party integration, data harmonization

Central Finance Accelerators for faster, better, cheaper deployment









Cloud Deployment

 Accelerated system and landscape provision (project to production)

cFIN Adoption Content 1)

 Central Finance specific configuration, how-to guides, and implementation tools

SAP Model Company

 General finance accelerators and best practices that can also be applied to Central Finance implementations

3rd party integration

 Non-SAP ERP integration via predefined templates (SAP Central Finance Transaction Replication by Magnitude)

Data Harmonization

 Master and configuration data harmonization / golden record determination (SAP Central Finance Data Harmonization by Magnitude)

Ambassador program

 Access to global Central Finance projects and implementations network; dedicated on-site liaison to Central Finance domain experts at SAP

Central Finance Flexible Deployment option for project & production environment



On premise

Traditional licensing with customer control of deployment and maintenance



Hyperscaler

Run Central Finance in the same infrastructure as your other business applications

Leverage your investment and economies of scale of the likes of Google, Amazon, or Microsoft etc.



Cloud

Subscription licensing for deployment in the SAP cloud (different versions available)

SAP Solution extensions by Magnitude for Central Finance

Standard SAP solutions sold on SAP paper

Magnitude Transaction Replication

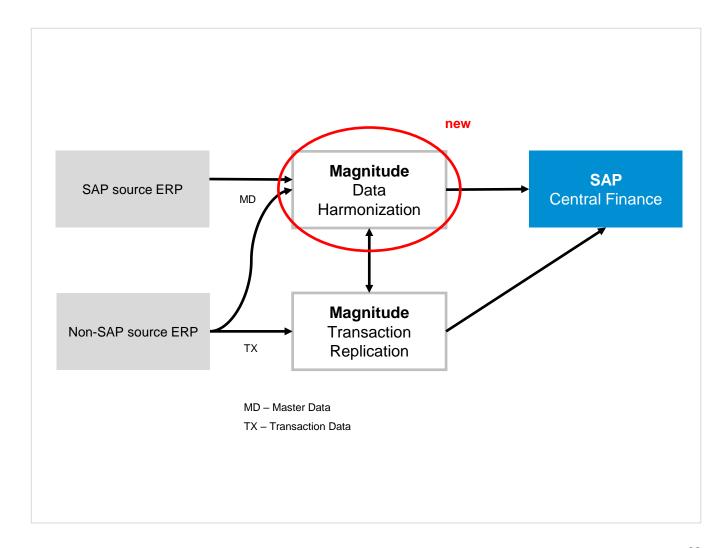
- pre-defined mapping templates
- replication of financial transactions from non-SAP ERP source systems to Central Finance

Magnitude Data Harmonization

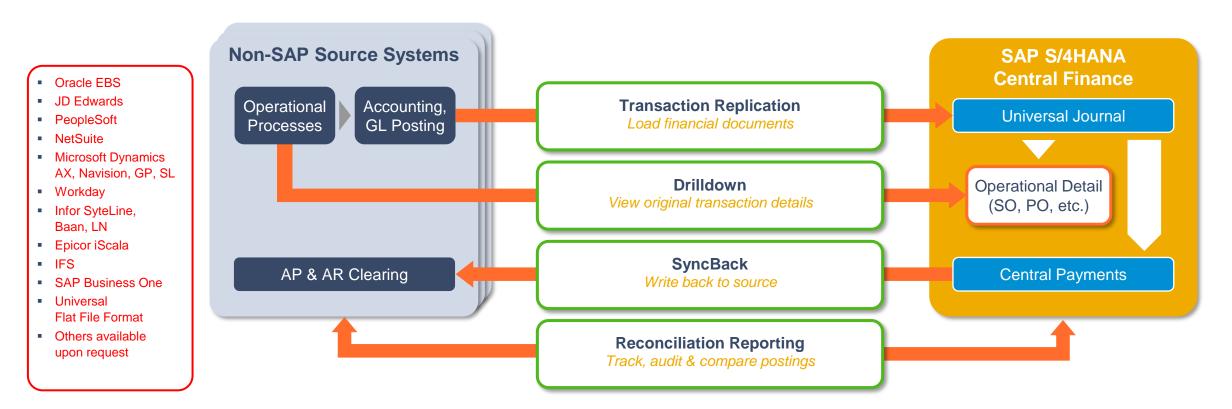
- profiles existing master data objects in the SAP and non-SAP ERP source systems
- provides 'golden record' determinations
- uploads cFIN master data objects and business mapping records into Central Finance

Magnitude Transaction Replication and Data Harmonization

interact for integrated data profiling and processing



SAP Central Finance Transaction Replication by Magnitude (for non-SAP sources)



Co-Innovated with SAP

- Feature-rich integration using SAP technology
- Uses 3rd-party staging area, SLT, AIF
- Regular cadence and design reviews with SAP

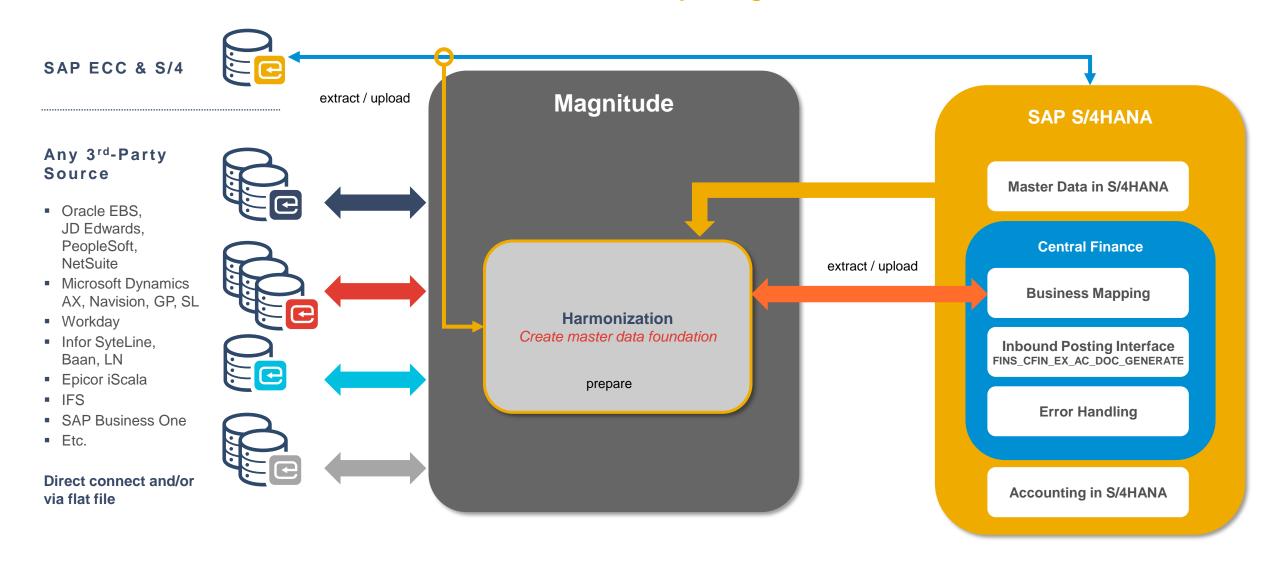
Highly Scalable

- Real-time replication
- 1M lines per minute throughput
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Lowers TCO

- Prebuilt source-to-target mappings for Oracle EBS, JD Edwards, PeopleSoft, etc.
- Installs in as little as 15 days
- Endpoint upgrade protection

SAP Central Finance Data Harmonization by Magnitude (for SAP & non-SAP)



Customer stories

References, testimonials, market presence, industry coverage

ENGIE

Paris

www.engie.com

Industry Utilities

Products and Services Energy production, sales, distribution, and services

Employees 153,000

Revenue €65 billion

SAP® Solutions

SAP S/4HANA®, SAP S/4HANA solution for central finance foundation. SAP Fiori® user experience (UX), SAP® MaxAttention™ services, SAP Master Data Governance application, and SAP Business Planning and Consolidation application

Simplifying Financial Processes in the Global Energy Business with SAP S/4HANA®



As part of its Common Finance Program, global energy provider ENGIE deployed SAP S/4HANA to integrate its ERP systems and simplify financial processes. Now, all of the group's entities share a single chart of accounts, a robust analytical framework, and simple, standardized rules for finance functions.

Before: Challenges and Opportunities

- Simplify finance processes by driving the convergence of processes, data, and systems
- · Increase efficiency by implementing new solutions that enhance automation and strengthen the finance organization's position as a trusted partner of the company's business units
- Harmonize data and systems to help global business services become more efficient and extend their scope

Why SAP

- Offered integration of ERP systems worldwide, helping to create a shared understanding of how business performance is measured across the ENGIE group
- · Made analyses and reports available online at the group level as well as by local entities
- · Automated processes, such as intercompany reconciliation and management reporting, allowing management in real time
- Simplified the user interface with the SAP Fiori UX
- Enabled smooth adoption of new and complex design approaches with the help of SAP MaxAttention

After: Value-Driven Results

- Greater transparency with continuous financial reporting, including on cost of sale and margins
- Simplified IT landscape, standardized financial processes, and the creation of "golden rules" driving coherence, increasing productivity, and making ENGIE more adaptive to change
- · Streamlined and more efficient financial processes, enabling ENGIE to better manage its transformation toward a new business model based on responsible growth

"Thanks to integration through SAP S/4HANA, we have one chart of accounts and a shared analytical framework for all business organizations within the ENGIE group."

Thierry Langer, Finance Division CIO, ENGIE

ERP systems connected using SAP S/4HANA for central finance foundation*

ERP systems transformed, with systems onboarded and decommissioned in one instance*

60%

Of revenue covered by transactional model processing*

day

For user ramp-up on average, down from 3 days, thanks to a standard, intuitive interface

*Expected benefits over two years

Enel SpA Rome, Italy

www.enel.com/en.html

Industry

Utilities

Products and Services

Diversified production, distribution, and sale of energy worldwide

Employees

62,500

Revenue

€70 billion (2016)

SAP® Solutions

SAP S/4HANA® solution for central finance foundation, SAP HANA® Enterprise Cloud, and SAP® Financial Closing cockpit

Balancing the Books Quickly with

SAP S/4HANA® for Central Finance Foundation



5

Workdays for the closing process, down from 16

1

Source system as a result of data consolidation, down from 19

Real-time

Data analysis allowing instant visibility with no system performance restriction

1

Platform, enhancing collaboration



Watch how Enel streamlines its closing process and reporting model.

Energy provider giant Enel is one of the most technologically diversified companies operating in the global renewables sector. So when it came time to energize its financial closing operations, Enel turned to SAP S/4HANA running on SAP HANA Enterprise Cloud. Now, processes that previously took days to finish are accomplished in a matter of hours.

Before: Challenges and Opportunities

- · Distributed ERP and data warehousing systems supporting 450 companies
- Inefficient reporting tools producing many unneeded reports
- Redundant manual checks
- Lack of transparency

Why SAP

- · Integration and simplification of processes
- · Ability to harmonize data from several different systems
- Top-notch, experienced implementation team
- Secure and flexible cloud environment

After: Value-Driven Results

- Faster closing process
- · Improved reconciliation process
- · Harmonization of higher-quality data across regions and company departments
- · Greater total cost of ownership through a simplified landscape

"In this fast-changing world, you have to innovate and digitalize or you can't survive. We needed to do that for our closing process and reporting model, and that's why we chose SAP S/4HANA for central finance foundation."

Pasquale de Pascalis, Global Central Finance Project Manager, Enel SpA

The Hershey Company

Hershey, Pennsylvania www.thehershevcompanv.com

Industry

Consumer products

Products and Services

Snack foods and candy

Employees

21,000

Revenue

US\$7.4 billion

SAP® Solutions

SAP S/4HANA® solution for central finance foundation and SAP® MaxAttention™ services

Increasing Finance Efficiency and Transparency with SAP® Solutions

Leading candy and snack company Hershey unified and streamlined finance processes and data across its global enterprise with SAP S/4HANA for central finance foundation and SAP MaxAttention. By establishing a single source of truth for finance data across the organization, Hershey improved process efficiency and reduced costs while fostering product innovation and market expansion and better enabling mergers and acquisitions.

Before: Challenges and Opportunities

- Nonstandard, disconnected enterprise finance processes
- Manual, spreadsheet-driven activities and error-prone transaction reporting
- Outdated finance IT

Why SAP

- Standardized enterprise reporting and master data management structure
- · Unique central finance approach that replicates and centralizes data in the moment
- Real-time comparative analytics and monitoring
- Advanced automation, machine learning, and predictive insights
- Intuitive, user-friendly experience that drives adoption, efficiency, and productivity
- · Engagement with SAP MaxAttention that brings expertise, problem-solving ability, and familiarity with the company's IT environment

After: Value-Driven Results

- Integrated and streamlined financial processes and increased visibility and transparency
- Enhanced reconciliation and profitability analysis
- Established a unified view of data and processes for a single version of the truth
- Gained real-time insights into customer and vendor activity and cost centers
- Enabled innovation and growth and support for mergers and acquisitions

"SAP software helps us evaluate, manage, and make better decisions in many areas, from brand and customer performance to advertising spend."

John Zimmerman, Director, Financial Data Systems, The Hershey Company



Simplified

Decision-making and improved results

Increased

Process transparency, efficiency, and control

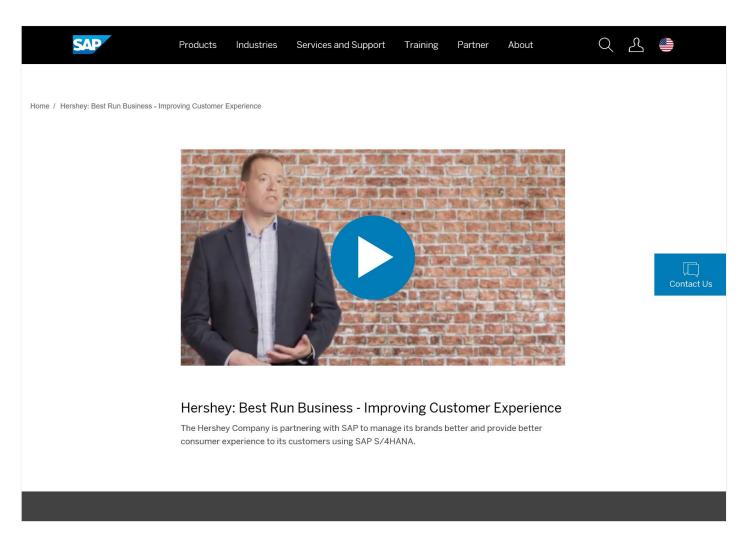
Accelerated

Financial closing cycles

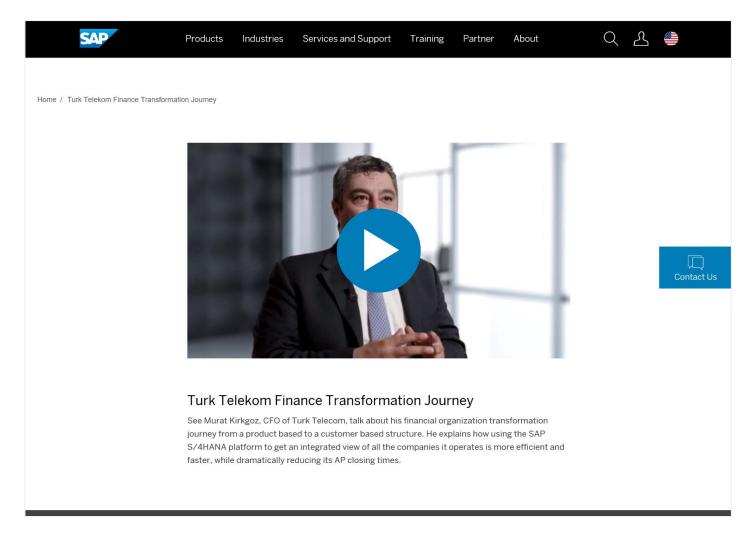


Find out how Hershey is improving its customer experience.

Central Finance @ Hershey



Central Finance @ Turk Telekom



Customer stories public domain *

- Airbus
- Atotech
- Asahi beverages
- Axalta
- BMW
- Cargill
- EDF
- Enel
- Engie

- Generali
- GM
- Google
- Hershey's
- HP-E
- Karl Storz
- Lockheed Martin
- Lufthansa
- Microsoft

- P66
- Procter & Gamble
- Stanley Black & Decker

41

- Telekom Argentina
- Treehouse
- Turk Telekom
- Verizon

as available on sap.com, ASUG/SAPPHIRE and TA Cook Central Finance conference web pages - or via internet search from other public sources

Central Finance: 2020 Market Presence (Fortune Global 500)

Central Finance helps customers in various market segments. In the Global 500 market segment, as defined by Fortune magazine, we have customers represented (live, implementing, licensed) as follows:

- 4 of top 10
- 9 of top 20
- 18 of top 50
- 35 of top 100

Industry Coverage

HealthCare Providers	Telecoms	Oil and Gas	Consumer Goods	Manufacturing
Automotive	Banking	Insurance	Technology	Services
Retail	Government (Central)	Life Sciences	Aviation & Airlines	Industrial Goods

Executive summary

Central Finance One Pager

What

Centrally deployed S/4HANA system, integrated real-time with SAP or non-SAP legacy source systems, as non-disruptive path to an innovative and intelligent enterprise S/4

Value proposition

- Advanced, end-to-end entity and group reporting and planning
- Optimized finance process orchestration and execution
- Accelerated digital finance and business transformation

Iterative and stage-gated deployment (cloud or on-premise). Start using S/4HANA Finance innovations in as little as 3-6 months Bring-your-won data; any-field (green, blue, or brownfield)

Use Cases

- Data harmonization, information standardization
- Finance transformation, enterprise digitization
- Application / interface rationalization, decommissioning
- Moving to the cloud / leveraging the cloud (HCP)
- · System consolidation, same-system transactions and reporting
- Integrated planning, consolidation, transactions, reporting (4 in 1)
- Process centralization, (shared services), re-organizations, M&A
- Zero-touch Finance, exception-based finance management

Solution capabilities

Enabling functions & features

- · Real-time Replication, business mapping
- Inbound posting and 3rd party interface with extension for data enrichment
- Error correction, reconciliation reporting, back-posting Core capabilities
- Finance process execution (financial close, planning, consolidation, intercompany, payment processing, cash and treasury management etc.)
- Process orchestration (local, central, corporate or shared service)
- Universal Journal, as single source of truth
- Single (same) platform for transactions and analysis
- Central enterprise KPI repository, digital boardroom
- Fiori user interaction / user experience
- Excel-based data queries and analysis

Business Benefits

- Improve process efficiency, provide self-service analytics and automation
- Minimize manual processes, reduce costs for different processing methods
- Reduce cycle times / transaction cost, re-deploy labor to value-added activities
- · Optimize resource allocation, realize cross-entity market potential
- Improve intercompany and cash management, collections, and receivables
- Quickly adapt to changing business environments, merge & spin (M&A)
- Align individual with corporate goals, establish single source of truth

Analyst perspectives

Gartner, SAPinsider, domain thought leaders

Gartner's view

Central Finance could be a best path when adopting S/4HANA

Gartner.

Decide Whether SAP Central Finance Is Right for You

Published 20 August 2019 - ID G00387609 - 14 min read

Many application leaders are considering implementing SAP Central Finance as part of a SAP S/4HANA transition strategy, but it's not the right solution for every organization. This report will help you decide whether Central Finance represents the best path for you to take when adopting S/4HANA.

Overview

Impacts

SAP Central Finance (CF):

- Enables organizations to bring together finance transactions from diverse ERP core systems in a new way for efficient, centralized finance reporting and scalable execution of finance processes.
- Provides a means of consolidating financial teams for centralized shared-service operations
- Eases consolidations and carve-outs for mergers, acquisitions and divestitures
- Offers a phased migration path from legacy SAP ERP and/or non-SAP ERP finance systems to SAP S/4HANA.

"In the past, organizations deployed central solutions in an attempt to consolidate their reporting. But this approach was limited by the solutions' performance and the database architecture. As a result, the process of duplicating and moving data made the maintenance of master data a tedious, manually intensive task."

"However, advances in in-memory database and analytics technologies subsequently meant that a central finance system could become the source of truth for all financial records."

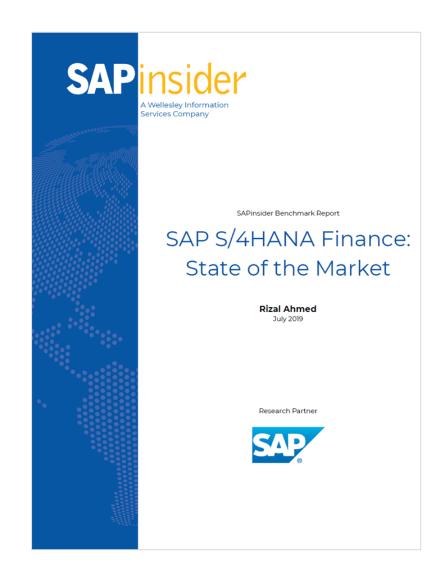
Learn more in the Gartner Report:

Decide Whether SAP Central Finance Is Right for You

SAPinsider Benchmark Report Central Finance – point of view (SAP)

Carsten Hilker, Global Solution Owner | S/4HANA / Central Finance August 2019 – version 0.3

PUBLIC





SAPinsider Benchmark Report

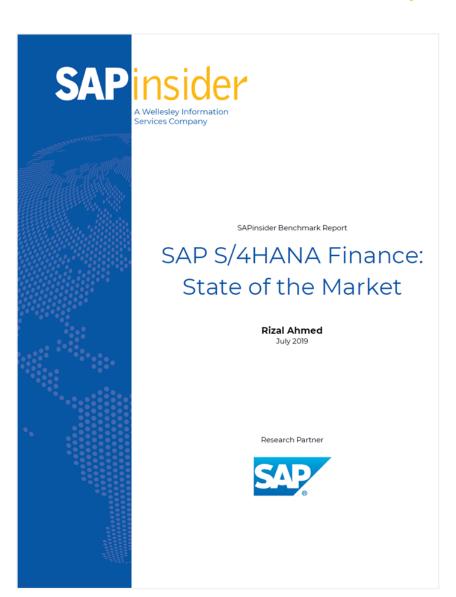
Of those that have made the move already or have plans to SAP S/4HANA Finance

- 47% are choosing the Central Finance deployment option
- 54% of early adopters from the leader group are going with Central Finance

The top reason respondents gave for selecting Central Finance

• 55% was that it was the most efficient solution based on their current level of resources.

SAPinsider Benchmark Report



"Most Central Finance customers believe it allows them to move forward without committing as many resources as a full deployment might take"

"Central Finance provides the first step for consolidation and a more immediate path for modernization and consolidation" "Central Finance enables companies to explore the benefits of and gain experience with SAP S/4HANA Finance without having to move the entire landscape"

"Central Finance can support activities to consolidate and centralize some or all of your financial processes"

> "Most Central Finance customers are leveraging this option to **support their overall business strategy** for simplification and integration"

Central Finance: Analyst perspectives



McKinsey & Company



MIT Sloan Management Review

Technical Debt Might Be Hindering Your Digital Transformation

- As IT software and infrastructure age, technical debt puts additional operating costs on the company, diverting investment in innovation
- Companies find that the patchwork of legacy systems makes it difficult to scale innovation
- There is a way to have the best of both worlds, a scalable, flexible, and resilient enterprise IT architecture - called "digital decoupling."

McKinsey & Company (Strategy & Corporate Finance)

Digital transformation: The CFO's role

- Technology modernization is a key blockage;
 built decades ago in an old legacy-system model
 that's very hard to adjust. You need to:
- Balance reinventing the core and investing in new business models
- Avoid death by pilot piloting is not a scale-up model, think about stage-gating investment
- Lead-by-example and engage in in buzzword topics like RPA, shared service, or self-service

The Hackett Group: Finance Executive Insight

2019 CFO Agenda: Building Next-Generation Capabilities

- Digital transformation is unsettling global business environments through rapid introduction of new technologies and emergence of new business models. Key Finance imperatives include:
- Reduce operating cost
- Modernize application platforms and take advantage of new technologies
- Improve analytics capabilities

https://www.mckinsey.com/business-functions/strategy-and-corporate-finance/our-insights/digital-transformation-the-cfos-role

https://www.thehackettgroup.com/key-issues-fin-1902/

https://sloanreview.mit.edu/article/technical-debt-might-be-hindering-your-digital-transformation

More information

Training, conferences, customer community

SAP Press book: Central Finance and SAP S/4HANA

(2nd edition)

Getting Started

 Discover how Central Finance with SAP S/4HANA works and what it offers. Examine the technical foundation underneath a Central Finance deployment and take a comprehensive look at how Central Finance impacts your financial processes.

Deployment

 Choose a deployment option—cloud, on-premise, or hybrid—and walk through your implementation from project planning and system setup through business mapping and the initial data load.

Next Steps

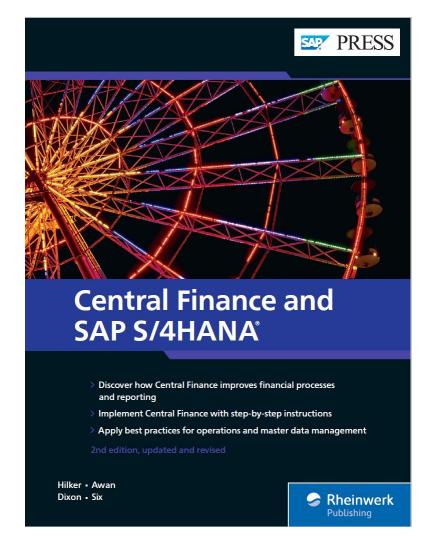
 Use Central Finance as a stepping stone! Whether your organization's goals include operational or IT transformation or mergers and acquisitions, see how Central Finance can help support you.

Highlights

- Architecture
- Financial processes
- Deployment
- Implementation
- Operations
- Master data management
- Reporting
- Mergers and integrations
- Digital transformation
- Business cases

Guest Contributions by Rene Linsner (Horvath & Partners), John Brizz (Infosys), Tobias Nyholm (SAP BTS), Berker Kilinc (EY), Rakesh Mehta (PWC), Bahram Magsoudi (Infosys), and Randy Garrison (SAP)

https://www.sap-press.com/central-finance-and-sap-s4hana_4667



S4F04 - SAP Central Finance in SAP S/4HANA

Goals

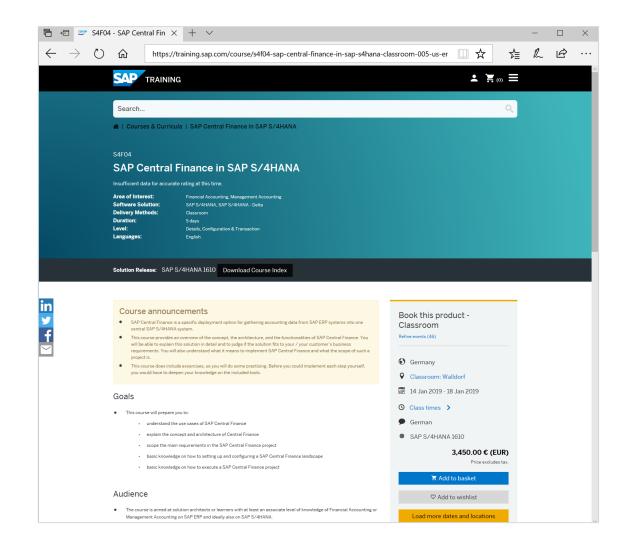
- understand the use cases of SAP Central Finance
- explain the concept and architecture of Central Finance
- scope the main requirements in the SAP Central Finance project
- basic knowledge on how to setting up and configuring a SAP Central Finance landscape
- basic knowledge on how to execute a SAP Central Finance project

Audience

FI/CO solution architect / FI/CO application consultant / FI/CO development consultant

Content

- Overview of SAP Central Finance in SAP S/4HANA
- Project Execution for SAP Central Finance
- SAP Central Finance Landscape Architecture
- Basic Setup and Configuration
- Initial Load and Real time Replication
- Error Handling
- Corporate Finance Processes supported by SAP Central Finance
- Run Phase
- Validation and Reconciliation
- Reporting



Official Central Finance Conferences by TA Cook







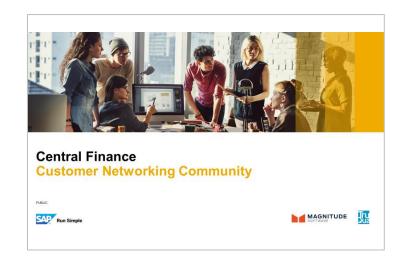
October 5/6, 2020

Chicago

September 22/23, 2020

Barcelona

Central Finance Customer and Partner Involvement







Central Finance EXCHANGE

Customer peer-to-peer networking

Live pre-requisite, invitation-only

Customer Engagement Initiative

Customer Product Influence
Opt-in functional work-streams

Thought Leadership Summit

SAP partner event - 360 feedback loop
Implementation / Adoption discussion

Central Finance LIVE customer networking community

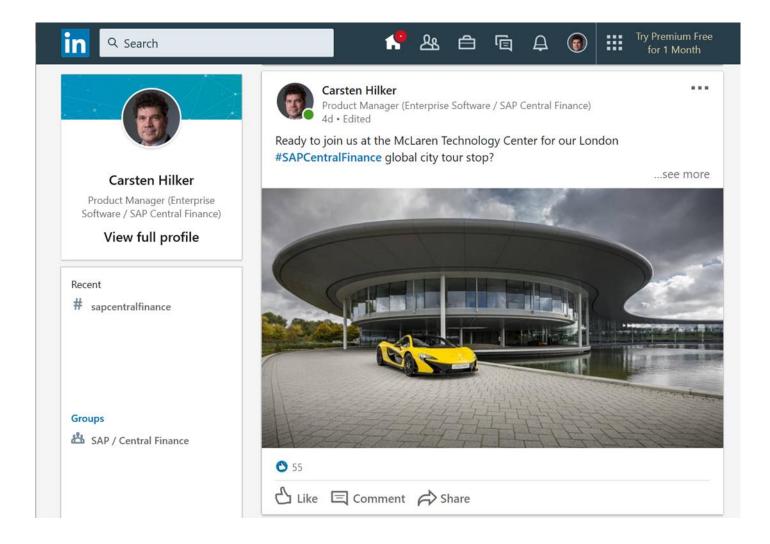


You are not alone

- Customer networking community
- Peer-to-peer networking
- Implementation experiences & best practices
- Customer story sharing
- Bench-marking studies
- Moderated topic discussions

... leveraging the power of many

Central Finance on LinkedIn #SAPCentralFinance



Thank you.

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