

Business Scenario Recommendations for SAP S/4HANA

Customer Name: Sample Inc.

Customer Number: 1234567

Date of analysis: August 5, 2017

System ID: P14

Current Release: SAP ERP 6.0 EHP8


High Tech

Introduction



What is SAP S/4HANA?

SAP S/4HANA is the next generation business suite, fully built on the most advanced in-memory platform – SAP HANA. It is designed with the most modern user experience – SAP Fiori – and can be deployed on premise, in the cloud, or hybrid. SAP S/4HANA delivers instant value across business functions and industries with the ultimate sophistication: simplicity.

 [Watch the video](#)

How can SAP S/4HANA help me?

With these **business scenario recommendations for SAP S/4HANA release 1610** we provide **tailored recommendations** based on your current productive system usage to show you where you can benefit most from SAP HANA, SAP Fiori and SAP S/4HANA.

This report shows you which **business scenarios** are **most relevant for you** based on the data you submitted for analysis.

For these business scenarios we provide:

- Recommendations for new **simplified business scenarios as part of SAP S/4HANA release 1610** (including new SAP Fiori UI's).
- Recommendations on how you can **benefit from the new in-memory platform SAP HANA** to speed up your transactions.

Furthermore, we provide information on **how to implement SAP HANA and SAP S/4HANA**, possible **next steps** after reading this report, and recommendations of **SAP services that help you with your journey to SAP S/4HANA**.

For further information on how to read and understand this report please watch [this short video](#) – it will only take few minutes!

[Start here by assessing the Business Scenario Recommendations »](#)

or

[General information on SAP S/4HANA and SAP Fiori »](#)

Sample Inc.
System: P14

OVERVIEW

EXECUTIVE SUMMARY

BUSINESS SCENARIOS RECOMMENDATIONS

NEXT STEPS

HOW TO IMPLEMENT

FURTHER INFORMATION

Executive Summary – Top Recommendations

SAP S/4HANA simplifies and accelerates key business scenarios with in-memory technology. The table below shows the business scenarios in your system that could be simplified or improved and impact your business value.

LINES OF BUSINESS	BUSINESS SCENARIO			RELEVANCE FOR YOU	IMPROVED / RELEVANT TRANSACTIONS
Finance	<u>Cost Management</u>		Simplified 	100%	81
Supply Chain	<u>Basic Warehouse Management</u>		Simplified 	94%	61
Asset Management	<u>Health and Safety Management</u>		Simplified 	91%	51
Finance	<u>Accounts Receivable</u>		Simplified 	64%	29
Finance	<u>Closing Operations</u>		Simplified 	59%	18
Finance	<u>Accounts Payable</u>		Simplified 	56%	15
Sourcing & Procurement	<u>Operational Contract Management</u>		Simplified 	44%	10
Supply Chain	<u>Basic Order Promising</u>		Simplified 	41%	9
Sourcing & Procurement	<u>Invoice Processing</u>		Simplified 	38%	7
Asset Management	<u>Maintenance Planning and Scheduling</u>			38%	7
Sourcing & Procurement	<u>Real-Time Reporting and Monitoring</u>		Simplified 	35%	7

Sample Inc.
System: P14

Lines of Business

Click one of the Lines of Business to the right to discover how you can benefit from using S/4HANA today.

Finance 5 Recommended Business Scenarios Simplified	Human Resources	Sourcing & Procurement 4 Recommended Business Scenarios Simplified	Manufacturing
Supply Chain 4 Recommended Business Scenarios Simplified	Sales, Commerce, and Service	R&D, Engineering	Asset Management 2 Recommended Business Scenarios Simplified

Usage identified in your SAP Business Suite landscape
 Usage not identified in your SAP Business Suite landscape

Sample Inc.
System: P14

OVERVIEW

EXECUTIVE SUMMARY

BUSINESS SCENARIOS RECOMMENDATIONS

NEXT STEPS

HOW TO IMPLEMENT

FURTHER INFORMATION

Finance

Business Scenarios Recommendations – Overview

SAP S/4HANA simplifies and accelerates key business scenarios with in-memory technology. The table below shows the business scenarios in your system that could be simplified or improved and impact your business value.

BUSINESS SCENARIO			RELEVANCE FOR YOU	IMPROVED / RELEVANT TRANSACTIONS
Cost Management		Simplified 	100%	81
Accounts Receivable		Simplified 	64%	29
Closing Operations		Simplified 	59%	18
Accounts Payable		Simplified 	56%	15
Access Governance		Simplified 	Recommended*	

* Recommended: Data provided does not allow for relevance calculation however recommendations indicated will create added value.

Sample Inc.
System: P14

OVERVIEW

EXECUTIVE SUMMARY

BUSINESS SCENARIOS RECOMMENDATIONS

NEXT STEPS

HOW TO IMPLEMENT

FURTHER INFORMATION

Finance

Cost Management

OVERVIEW

VALUE PROPOSITION

View in Solution Explorer »

100%
Relevance for you



Improve
service-level performance



Reduce
cycle times and manual effort



Minimize
operating costs

SAP Offering

Optimize profitability with organizational cost and profitability management. Gain a deep understanding of the drivers of cost and the causes of underperformance by achieving a holistic view with SAP solutions for cost management. Get complete, accurate, real-time information on profitability of products, customers, and channels – helping managers find optimal means to increase overall profitability and operational efficiency. Boost results while minimizing disruption to core processing with role-based access to massive amounts of critical financial data.

Challenges Addressed

- Cost planning must be able to handle organization planning, budgeting, and forecasting via a streamlined process
- Ability to manage organizational costs to optimize profitability effectively for optimal cost management
- Profitability and cost analysis is required to support solid financial and operational decision making.

Sample Inc.
System: P14

Finance

Cost Management

Process Innovation

- Data read directly from SAP HANA instead of from much slower traditional online transactional processing (OLTP) databases for virtually instantaneous report response times, significantly accelerated processes, and a greatly increased, real-time data pool on a line-item level for end-user self-service reporting.
- Modeling and simulation of transformation activities and analysis of trends, variances, patterns, and correlations based on SAP Net Margin Analysis analytic application and SAP Predictive Analysis software.

Business Drivers

- Reduce audit cost by enabling detailed audit trails and tax data retention and reporting functionality
- Reduce days to close annual books by minimizing disruption to core processing during period end
- Reduce finance cost by reducing the need of manual work through comprehensive built-in automatic functionality

Contribution of SAP HANA and SAP Fiori

- SAP HANA supports a centralized (one version of the truth) data repository. The speed and throughput that the SAP HANA database supports accelerates processes, reporting, and transactions for a large number of standard SAP software transactions in SAP controlling software. SAP HANA accelerates the modeling, simulation, and predictive analytics processes of SAP Net Margin Analysis as well as processes of financial performance software.

[See related SAP Fiori Apps »](#)

Your currently used transactions* that generated this recommendation

81	KOB1	Orders: Actual Line Items	KSU5	Execute Actual Assessment
	KOK5	Master Data List Internal Orders	KON2	Actual Reval.: Int.Orders Col.Pro.
	KSS2	Actual Cost Splitting: Cost Centers	CJ31	Display Project Original Budget
	KO03	Display Internal Order	...More transactions in appendix	

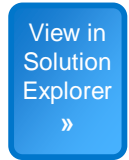
* Transactions listed here are currently used in your system and triggered the recommendation of this SAP S/4HANA scenario.

Finance

Accounts Receivable

OVERVIEW

VALUE PROPOSITION



64%
Relevance for you



Increase
cash collections and
accelerate dispute
resolution



Optimize
working capital



Maintain
up-to-date instant overview
of receivables portfolio

SAP Offering

Optimize your accounts receivable process. Receivables management teams are under constant pressure to lower operational costs, decrease days sales outstanding, and lessen bad debt write-offs. With SAP software, receivables managers receive a high level of automation to record and manage accounts receivables data. Postings to accounts receivable are triggered in response to operative transactions in sales and logistics. Simultaneously, postings are recorded in the general ledger. The customer line item is cleared when the incoming payment is received. With increased automation, there is less manual effort and lower cost associated with running this financial process.

Challenges Addressed

- Need to streamline organization cost management
- Steadily increasing number of invoices, while the value per invoice tends to decrease.
- Margin pressures
- Pressure to reduce DSO

Sample Inc.
System: P14

OVERVIEW

EXECUTIVE SUMMARY

BUSINESS SCENARIOS RECOMMENDATIONS

NEXT STEPS

HOW TO IMPLEMENT

FURTHER INFORMATION

Finance

Accounts Receivable

OVERVIEW

VALUE PROPOSITION

Process Innovation

- Algorithms help receivables clerks match incoming payments, freeing headcount to focus on value-adding activities.
- Extension of key process elements to sales and account management, where real-time data, not batch, is required.
- The use of real-time instead of batch is changing the nature of the cash collections process.
- Seamless integration to dispute, collections, and credit management applications further automates the process.
- Increased transparency helps identify process weak points, which serve as the basis for process reengineering.
- Less manual effort and lower cost due to increased automation.

Business Drivers

- Reduce audit cost by automating postings and enabling self-service, mobile access to key account receivables information
- Reduce days sales outstanding (one - time benefit) by providing insight into outstanding customer positions during every customer interaction
- Reduce finance cost by automating postings and enabling self-service, mobile access to key account receivables information
- Reduce uncollectible account receivable write offs by providing automation tools to eliminate manual, error-prone processes, including compliance management

Contribution of SAP HANA and SAP Fiori

- In-memory technology based on the SAP HANA® platform, a requirement for real-time access and assembly of complex data for the payment and working capital dashboard.
- Improved unstructured search functionality.
- Acceleration leading to reduced reliance on overnight batch runs.
- Faster reporting response times and effective alerting, extending processes to front office staff, including sales force, account managers, and customer service representatives.

[See related SAP Fiori Apps »](#)

Your currently used transactions* that generated this recommendation

29	F.21	A/R: Open Items	OBYC	C FI Table T030
	OBYG	C FI Table T030	F-32	Clear Customer
	FB1D	Clear Customer	OB52	C FI Maintain Table T001B
	OB28	C FI Maintain Table T001D	...More transactions in appendix	

* Transactions listed here are currently used in your system and triggered the recommendation of this SAP S/4HANA scenario.

Sample Inc.
System: P14

OVERVIEW

EXECUTIVE SUMMARY

BUSINESS SCENARIOS RECOMMENDATIONS

NEXT STEPS

HOW TO IMPLEMENT

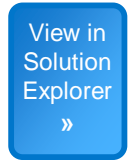
FURTHER INFORMATION

Finance

Closing Operations

OVERVIEW

VALUE PROPOSITION



59%
Relevance for you



Minimize
time to close the entities' books



Reduce
cost of finance



Enhance
compliance and accuracy

SAP Offering

Increase accuracy, compliance, efficiency, and speed of your closing operations. Closing operations are required to deliver financial results that must be presented to internal and external stakeholders. SAP solutions for Closing operations accelerate the financial close through automation and standardization. Speedy financial close is a core requirement of financial excellence and is rewarded in the capital market by a lower cost of equity. A critical characteristic of a financial close today is the high number of systems and people involved, requiring many handovers and reconciliations.

Challenges Addressed

- Lack of transparency – no centrally managed financial close, no insight into status, and challenges with internal and external auditing.
- Lack of governance – issues involved in ensuring a sound end-to-end closing process and effective internal controls.
- Lack of compliance – problems supporting multiple financial reporting standards in parallel: International Financial Reporting Standards (IFRS), local GAAP, and tax accounting.

Finance

Closing Operations

Process Innovation

- Faster period-end processes, providing more time for analysis, reducing overtime, and enabling earlier publication of financial results.
- Accelerate the entity close through automation and standardization. Templates can be used across multiple entities and closing cycles to improve corporate governance, share best practices, and drive efficiency. Support quick and efficient peer-to-peer reconciliation of intercompany balances and invoices between group subsidiaries.

Business Drivers

- Reduce audit cost by using templates across multiple entities
- Reduce days to close annual books by supporting fast, peer-to-peer intercompany reconciliation; automating closing tasks; and increasing user efficiency
- Reduce finance cost by enabling automated, highly efficient tasks for intercompany reconciliation and entity close management
- Reduce uncollectible account receivable write offs by governing, automating, and monitoring closing tasks as well as built-in documentation of results

Contribution of SAP HANA and SAP Fiori

- Acceleration of long-running batch period-end processes. Faster and smarter intercompany reconciliation.
- Smarter reconciliation of invoice and goods receipts. Faster, deeper insight – data analysis with no limit imposed by predefined structures.

[Browse SAP Fiori Apps for SAP S/4HANA »](#)

Your currently used transactions* that generated this recommendation

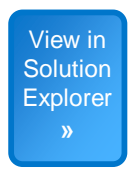
18	FIN_FSSC_SR_CO_O_REPORT	Service Request Report for CO	FIN_FSSC_SR_FI_REPORT	Service request report for FI
	FSSC_SR_CO_REPORT	Service Request Report for CO	FSSC_SR_FI_REPORT	Service request report for FI
	F.01	ABAP Report: Financial Statements	...More transactions in appendix	

* Transactions listed here are currently used in your system and triggered the recommendation of this SAP S/4HANA scenario.

Finance

Accounts Payable

OVERVIEW VALUE PROPOSITION



56%
Relevance for you



Decrease
days payables outstanding



Optimize
working capital



Reduce
lost supplier discounts

SAP Offering

Record and manage accounts payable data from vendors. Use the accounts payable process to improve your company's cash position by reducing cost of goods and services purchased by controlling the invoice-to-pay cycle with solutions from SAP. Help your accounts payable department integrate all data with the company's purchasing system. Record postings to accounts payable simultaneously in the general ledger. Support all standard payments. Update cash management with figures from the invoice to allow for liquidity planning. Leverage all country-specific payment formats for comprehensive adaptation to local country rules and regulations.

Challenges Addressed

- Transform the invoice-to-pay process from administrative burden to strategic differentiator, improving the supplier relationship and cash position.
- Optimize cash position: make a strategic decision on the optimum moment of payment; capture cash discounts; achieve competitive cost of finance by decreasing cost per invoice through increased automation and lowered risk of error.
- Optimize supplier relationships through easy access and predictable payment behavior.

Finance

Accounts Payable

Process Innovation

- Real-time insight into payment obligations, including age profiles of invoices and trends.
- Real-time reprioritization of critical supplier invoices for priority follow-up by the accounts payable (AP) team.
- Real-time reports and visualizations to provide joint views of pending payments and cash position to help payables clerks make the right financial decision. All country-specific payment formats can be leveraged for comprehensive adaptation to local country rules and regulations.
- Direct communication with AP team and vendors via the SAP Jam social software platform.

Business Drivers

- Reduce days to close annual books by providing real-time integration and comprehensive automatic period-end functionality in the general ledger and sub-ledgers
- Reduce finance cost by increased efficiency in financial analysis, reporting, and disclosures
- Reduce uncollectible account receivable write offs by leveraging country-specific payment formats

Contribution of SAP HANA and SAP Fiori

- SAP HANA gives real-time insight into business based on large numbers of invoices. The software allows users to assess AP performance as a time series of invoice reconciliation processes. The assessment can be performed for all dimensions of AP and supports a breakdown to item level from any dimension of the assessment. This capacity calls for an unprecedented power of analysis and manipulation. SAP HANA can deliver this power, working on large and very large (several million records) data sets of complex accounts payables processing records.

[See related SAP Fiori Apps »](#)

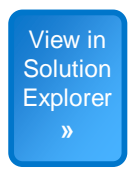
Your currently used transactions* that generated this recommendation

15	FDTA	TemSe/REGUT Data Administration	FINT	Item Interest Calculation
	FBZ0	Display/Edit Payment Proposal	F.41	A/P: Open Items
	FV60	Park Incoming Invoices	FK10N	Vendor Balance Display
			...More transactions in appendix	

* Transactions listed here are currently used in your system and triggered the recommendation of this SAP S/4HANA scenario.

Finance

Access Governance



This Scenario is
Recommended



Identify
unused and orphaned roles



Consolidate
most-frequently used (active) roles



Reduce
noncompliance and overall access risk

SAP Offering

Reap the rewards of effective risk and compliance management – with less effort and expense. Improve business performance and decrease the cost and effort of managing governance, risk, and compliance (GRC) processes with GRC solutions from SAP. Automate GRC processes using best practices and a scalable enterprise platform. By streamlining and automating processes, your organization can anticipate and manage risk events, reduce compliance violations, and extend GRC programs into value-adding business activities.

Challenges Addressed

- Need to preserve and grow business value by analyzing risk and determine actions to improve performance through proper management
- Inability to focus resources on documenting and assessing high-impact processes, regulations, and risks, can cause ineffective controls and compliance management problems which can be avoided
- Ability to manage access confidently and increase access security across the enterprise
- Ensuring trade compliance can be difficult, optimizing the cross-border supply chain helps ensure compliance.
- Avoiding financial loss through early detection of patterns that indicate fraud.
- Standardized audit planning, documentation, test procedures, and reporting, is necessary for optimal audit management.

Sample Inc.
System: P14

OVERVIEW

EXECUTIVE SUMMARY

BUSINESS SCENARIOS RECOMMENDATIONS

NEXT STEPS

HOW TO IMPLEMENT

FURTHER INFORMATION

Finance

Access Governance

OVERVIEW

VALUE PROPOSITION

Process Innovation

- Enable role administrators to perform real-time analysis on the use of roles and find equivalent roles that can be reused or enhanced instead of creating new ones, in discussion with business owners.
- Enable business executives to analyze roles to uncover hidden downsides and reduce the uncertainty of many financial and operational planning decisions, such as reorganization.

Business Drivers

- Increased speed and productivity to locate and address high volumes of:
- Unused roles
- Orphaned roles
- Most-frequently used roles

Contribution of SAP HANA and SAP Fiori

- In-memory computing technology that makes possible real-time analysis of role usage.
- In-memory computing technology that can identify similar roles and shortlist roles for consolidation and optimization.
- Consolidation of role data and HR data to give business executives insight during business reengineering and reorganization.

[See related SAP Fiori Apps »](#)

Solution Scope

- Based on your productive usage of other finance scenarios this scenario is recommended.

Sample Inc.
System: P14

OVERVIEW

EXECUTIVE SUMMARY

BUSINESS SCENARIOS RECOMMENDATIONS

NEXT STEPS

HOW TO IMPLEMENT

FURTHER INFORMATION

Sourcing & Procurement

Business Scenarios Recommendations – Overview

SAP S/4HANA simplifies and accelerates key business scenarios with in-memory technology. The table below shows the business scenarios in your system that could be simplified or improved and impact your business value.

BUSINESS SCENARIO			RELEVANCE FOR YOU	IMPROVED / RELEVANT TRANSACTIONS
Operational Contract Management		Simplified 	44%	10
Invoice Processing		Simplified 	38%	7
Real-Time Reporting and Monitoring		Simplified 	35%	7
Spend Visibility		Simplified 	23%	2

Sourcing & Procurement

Operational Contract Management

OVERVIEW

VALUE PROPOSITION

View in Solution Explorer »

44 %
Relevance for you



Structure
committed services more effectively



Faciliate
consistency



Create
manage, and automate service contracts more effectively

SAP Offering

Boost contract management services through more accurate, structured, and accessible master data with SAP S/4 HANA. Monitor contracts in contract work list and receive instant information. Effectively manage contract creation, execution, and monitoring.

Maximize the value and consumption of sourcing contracts. Guide day-to-day contract operations with clear, actionable insight.

Challenges Addressed

- Too many manual, time-consuming processes, with inadequate search options caused by an increasingly high volume of purchasing items lacking automation & integration.
- Difficulties in gaining transparency and in the tracking of supply information such as time, cost & quality due to lack of procurement insights.

Sample Inc.
System: P14

Sourcing & Procurement

Operational Contract Management

Process Innovation

- Accelerate business decision making through dynamic and flexible search and filtering across entire contract worklist, displaying contracts about to expire, and graphical elements that help users visualize contract consumption.
- Direct navigation to contract and supplier object pages
- Availability of additional information, such as status, approver, and notes
- Insight-to-action capabilities, such as renewal of contract
- Business card information of supplier

Business Drivers

- Reduce customer attrition by leveraging seamless contract management
- Increase customer satisfaction by providing transparent contracts, billing, and services

Contribution of SAP HANA and SAP Fiori

- SAP Fiori-based user experience across all process steps
- Roles with new, dedicated SAP Fiori apps:
- Purchaser
- Manager procurement
- Strategic buyer

[See related SAP Fiori Apps »](#)

Your currently used transactions* that generated this recommendation

10	ME33K	Display Contract	ME3L	Outline Agreements per Supplier
	ME33	Display Outline Agreement	ME1M	Info Records per Material
	ME12	Change Purchasing Info Record	ME13	Display Purchasing Info Record
	ME15	Flag Purch. Info Rec. for Deletion	ME9E	Message Output: Sch. Agmt. Schedules
	ME3M	Outline Agreements by Material	...More transactions in appendix	

* Transactions listed here are currently used in your system and triggered the recommendation of this SAP S/4HANA scenario.

Sourcing & Procurement

Invoice Processing

OVERVIEW

VALUE PROPOSITION

View in Solution Explorer »

38%
Relevance for you



Improve
inventory accuracy



Increase
on-time delivery performance



Improve
inventory turnover / reduce days in inventory

SAP Offering

Integrate invoice processing and accounts payables. Simplify processes for collecting and checking invoices, verify them against preconfigured business rules, and handle exceptions with SAP solutions for invoice and payables management. Our software automates data extraction and streamlines invoice management, helping to eliminate data entry errors and duplicate invoices. You can record and manage accounts payable data, support standard payment methods, and adapt payment formats to country-specific rules and regulations.

Challenges Addressed

- Invoice processing takes too long, leading to late payment and endangering supplier relations. Lack of visibility into invoice and payment data. Invoice/payment approvals take too long. High percentage of exceptions, which require manual handling.

Sample Inc.
System: P14

Sourcing & Procurement

Invoice Processing

Process Innovation

- Gain more transparency and control throughout the invoice processing lifecycle. Match invoice data against predecessor documents and verify that all legal binding information is included. Automatically identify discrepancies between purchase order item price, number, and quantity as well as the supplier's invoice. After creating the final invoice, you can enable approval and release procedures to help ensure invoice payment.

Business Drivers

- Reduce procurement function costs by seamlessly passing sourcing and contract data to an enterprise resource planning system
- Improve spend managed strategically by applying a strategic sourcing approach
- Reduce PO error rate by creating procurement documents with integrated information

Contribution of SAP HANA and SAP Fiori

- The power of SAP HANA gives real-time visibility into invoice processing, and allows for better management.
- Change of Authorization Concept for Supplier Invoice : Before, posting of invoices for a specific company code it was checked, whether user is authorized for any plant. Now, the system checks in general the authorization for the company code and in case of change of an item with purchase order reference, the specific plant is checked.
- New Fiori Apps: Supplier Invoice List, Create Supplier Invoice, Approve Supplier Invoices, Non-Manages Spend (KPI app)

[See related SAP Fiori Apps »](#)

Your currently used transactions* that generated this recommendation

7	MR8M	Cancel Invoice Document	MIR4	Call MIRO - Change Status
	MIR7	Park Invoice	MIRO	Enter Incoming Invoice
	MIR6	Invoice Overview	...More transactions in appendix	

* Transactions listed here are currently used in your system and triggered the recommendation of this SAP S/4HANA scenario.

Sample Inc.
System: P14

Sourcing & Procurement

Real-Time Reporting and Monitoring

OVERVIEW

VALUE PROPOSITION

View in Solution Explorer »

35%
Relevance for you



Visualize

data in various chart types and by criteria



Evaluate

supplier performance in real time, based on criteria



Provide

extensive real-time information on your purchasing spend

SAP Offering

Simplify the daily work of purchasers with real-time reporting and monitoring solutions from SAP.

Challenges Addressed

- High Volume of Purchasing Items
- Not enough automation & integration, too many manual, time-consuming processes, too many places to search

Sample Inc.
System: P14

Sourcing & Procurement

Real-Time Reporting and Monitoring

OVERVIEW

VALUE PROPOSITION

Process Innovation

- Simplify the daily work of purchasers with real-time reporting and monitoring solutions from SAP

Business Drivers

- Accelerate reporting cycles and reconciliation by direct access to purchasing and inventory analysis in real time

Contribution of SAP HANA and SAP Fiori

- Live KPI calculations based on actual data on a line-item level
- Roles with new, dedicated SAP Fiori apps: Analytics specialist, Purchaser, Strategic buyer
- KPI definitions and calculations based on SAP HANA software technology using CDS views and SAP Smart Business cockpits, which eliminates data redundancy and allows live KPI calculation without the need to replicate data to a business warehouse.

[See related SAP Fiori Apps »](#)

Your currently used transactions* that generated this recommendation

7	ME80FN	General Analyses (F)	ME80RN	General Analyses (L,K)
	MCE1	PURCHIS: PurchGrp Analysis Selection	MKVZ	List of Suppliers: Purchasing
	ME81N	Analysis of Order Values	MCE3	PURCHIS: Supplier Analysis Selection
	ME2O	SC Stock Monitoring (Supplier)		

* Transactions listed here are currently used in your system and triggered the recommendation of this SAP S/4HANA scenario.

Sample Inc.
System: P14

Sourcing & Procurement

Spend Visibility

OVERVIEW

VALUE PROPOSITION

View in Solution Explorer »

23%
Relevance for you



Gain

a holistic view of corporate spending



Access

clean, complete, and accurate spend data quickly



Identify

and act on opportunities for cost savings and cost avoidance

SAP Offering

Purchasers gain role based and quick access to the procurement information they need for analyzing purchasing spend, suppliers, and contracts in real-time

Challenges Addressed

- Lack of Procurement Insights
- Difficulty in gaining transparency and keeping track of supply information such as time, cost & quality

Sample Inc.
System: P14

OVERVIEW

EXECUTIVE SUMMARY

BUSINESS SCENARIOS RECOMMENDATIONS

NEXT STEPS

HOW TO IMPLEMENT

FURTHER INFORMATION

Sourcing & Procurement

Spend Visibility

OVERVIEW

VALUE PROPOSITION

Process Innovation

- Aggregate spend data, analyze it for new insights, and share new intelligence with spend analysis solutions from SAP

Business Drivers

- Reduce days in inventory by analyzing inventory coverage and ensuring inventory is aligned with demand

Contribution of SAP HANA and SAP Fiori

- The power of SAP HANA gives real-time visibility into invoice processing, and allows for better management.

[Browse SAP Fiori Apps for SAP S/4HANA »](#)

Your currently used transactions* that generated this recommendation

2	MCE1	PURCHIS: PurchGrp Analysis Selection	MCE3	PURCHIS: Supplier Analysis Selection
---	------	--------------------------------------	------	--------------------------------------

* Transactions listed here are currently used in your system and triggered the recommendation of this SAP S/4HANA scenario.

Sample Inc.
System: P14

OVERVIEW

EXECUTIVE SUMMARY

BUSINESS SCENARIOS RECOMMENDATIONS

NEXT STEPS

HOW TO IMPLEMENT

FURTHER INFORMATION

Supply Chain

Business Scenarios Recommendations – Overview

SAP S/4HANA simplifies and accelerates key business scenarios with in-memory technology. The table below shows the business scenarios in your system that could be simplified or improved and impact your business value.

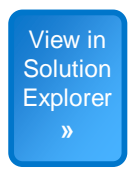
BUSINESS SCENARIO			RELEVANCE FOR YOU	IMPROVED / RELEVANT TRANSACTIONS
Basic Warehouse Management		Simplified 	94%	61
Basic Order Promising		Simplified 	41%	9
Extended Warehouse Management		Simplified 	32%	6
Advanced Order Promising/ATP		Simplified 	Recommended*	

* Recommended: Data provided does not allow for relevance calculation however recommendations indicated will create added value.

Supply Chain

Basic Warehouse Management

OVERVIEW	VALUE PROPOSITION
-----------------	-------------------



94 %
Relevance for you



Improve
delivery performance



Increase
inventory turnover



Improve
inventory accuracy

SAP Offering

Deliver precise orders with integrated logistics execution processes. Ensure the right products are delivered to the right place and time with pick, pack, and ship solutions from SAP. Automate warehouse operation processes to improve asset usage, increase throughput, and help ensure on-time and accurate order fulfilment. Streamline material flows, manage customer communication and collaboration, and make warehouse operations more transparent. Accelerate fulfilment, prevent stock-outs, and improve customer service with our pick, pack, and ship solutions.

Challenges Addressed

- The lack of real-time reports on inventory positions often leads to delivery delays and dissatisfied customers. Companies are pressured to reduce their inventory levels, this requires a holistic real-time view on inventory. Making informed decisions based on demand.

Sample Inc.
System: P14

Supply Chain

Basic Warehouse Management

Process Innovation

- The plan-to-product processes for enterprise resource planning help businesses streamline the entire manufacturing process – from planning and scheduling, to sequencing and execution, to analysis.

Business Drivers

- Improve on-time delivery performance by integrating pick, pack, and ship processes
- Reduce days in inventory by conducting real-time reports on inventory positions and flows leading to insight to action
- Reduce inventory carrying cost by identifying mismatches in inventory levels and turnover rates based intuitive visualizations

Contribution of SAP HANA and SAP Fiori

- Automate warehouse operations with RFID and sensors with IoT framework for integration.
- Automate picking, shipping, labeling and automated retrieval and put-away.
- Mobile inventory management and warehouse applications via SAP Fiori apps for Inventory Manager and Warehouse Clerk.
- Improved inventory management and transparency via real-time processing of inventory postings, postings of finest granularity.
- Early error detections
- Performance optimization for Goods Movement

[See related SAP Fiori Apps »](#)

Your currently used transactions* that generated this recommendation

61	VL06F	General delivery list - Outb.deliv.	MB21	Create Reservation
	MB03	Display Material Document	...More transactions in appendix	

* Transactions listed here are currently used in your system and triggered the recommendation of this SAP S/4HANA scenario.

Sample Inc.
System: P14

OVERVIEW

EXECUTIVE SUMMARY

BUSINESS SCENARIOS RECOMMENDATIONS

NEXT STEPS

HOW TO IMPLEMENT

FURTHER INFORMATION

Supply Chain

Basic Order Promising

OVERVIEW

VALUE PROPOSITION

View in Solution Explorer »

41 %
Relevance for you



Increase
inventory turnover



Reduce
inventory carrying costs



Enhance
Customer Service responsiveness

SAP Offering

Make order commitments that meet business rules and enhance your customers' satisfaction. SAP order promising solutions help customer service professionals provide commitment dates to orders according to business rules, taking into account material and capacity availability, considering product and source substitution, and allocations enforcement. With embedded logic that automatically matches end item or component supply with demand, the software helps improve customer satisfaction, boost delivery performance, and increase profitability.

Challenges Addressed

- Companies often struggle to increase inventory turnover and thus reduce days in inventory as they do not have sufficient transparency on demand to establish shorter replenishment cycles. This lack of transparency also prevents them to reduce inventory carrying cost by minimizing inventory required to achieve desired service levels. It also prevents customer service professionals from providing granular and accurate commitment dates to orders.

Sample Inc.
System: P14

Supply Chain

Basic Order Promising

OVERVIEW

VALUE PROPOSITION

Process Innovation

- Table VBBS obsolete. All sales order information is stored in table VBBE. More sales orders can be created in parallel since there are no more locking conflicts on table VBBS

Business Drivers

- Reduce revenue loss due to fulfillment issues by leveraging in-memory technology for insight to action on capacity bottlenecks
- Reduce order management cost by delivering accurate available-to-promise information, eliminating the need for order changes
- Reduce customer churn by fulfilling orders as promised, thanks to real-time information

Contribution of SAP HANA and SAP Fiori

- The following SAP Fiori Apps have been improved / created for user simplification:
- Quality Technician
- Design Engineer
- Accounts Receivable Accountant
- Accounts Receivable Manager
- General Ledger Accountant
- BOM Engineer
- Recipe Developer

[See related SAP Fiori Apps »](#)

Your currently used transactions* that generated this recommendation

9	MCRO	Matl consumptn anal.: repetitive mfg	MCP8	Goods rcpt analysis: repetitive mfg
	MCRX	PP-PI: Material Usage Analysis	RMCF2600	Matl consumptn anal.: repetitive mfg
	IR03	Display Work Center	...More transactions in appendix	

* Transactions listed here are currently used in your system and triggered the recommendation of this SAP S/4HANA scenario.

Sample Inc.
System: P14

Supply Chain

Extended Warehouse Management



32%
Relevance for you



Automate
extended warehouse operations



Ensure
on-time, compliant and accurate order fulfillment



Improve
asset utilization, throughput and safety

SAP Offering

SAP Extended Warehouse Management gives you the option of mapping your entire warehouse complex in detail in the system, down to storage bin level. Not only does this give you an overview of the total quantity of a product in the warehouse, but you can also always see exactly where a specific product is, at any time, in your warehouse complex. With EWM, you can optimize the use of various storage bins and stock movements, and can combine the storage of stocks from several plants in randomly-managed warehouses.

Challenges Addressed

- No real-time insight into stock and material flow. Time consuming MRP runs result in quickly outdated information. unused capacities or even factory shutdowns. Difficulties monitoring upcoming shortages of components, or missing parts. Situation resolution is time consuming due to complexity and information distribution across many tables.

Sample Inc.
System: P14

OVERVIEW

EXECUTIVE SUMMARY

BUSINESS SCENARIOS RECOMMENDATIONS

NEXT STEPS

HOW TO IMPLEMENT

FURTHER INFORMATION

Supply Chain

Extended Warehouse Management

OVERVIEW

VALUE PROPOSITION

Process Innovation

- SAP S/4HANA EWM provides customers, with small, midsize, and/or production warehouses with flexible deployment options to run all kinds of warehouses within a single SAP solution.

Business Drivers

- Reduce days in inventory by making informed decisions based on actual demand/ supply in the network, and improved visibility and data accuracy.
- Reduce days in inventory by providing real-time visibility into inventory positions
- Improve operate warehouse FTE productivity by improving workforce productivity and automating processes for full control of warehouse operations
- Reduce revenue loss due to stock-outs by improving accuracy and visibility of warehouse inventory and activities and related impacts of supply and demand
- Improve on-time delivery performance by automating and integrating warehouse and distribution processes

Contribution of SAP HANA and SAP Fiori

- Use the extended functionality of S/4HANA Warehouse Management with no data reconciliation
- Maintain only one quality document instead of working with a quality inspection document and a QM inspection lot and eliminate the need to replicate accounting objects

[Browse SAP Fiori Apps for SAP S/4HANA »](#)

Your currently used transactions* that generated this recommendation

6	VT02N	Change Shipment	VI02	Change shipment costs
	VI05	Change shipment cost worklist	...More transactions in appendix	

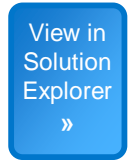
* Transactions listed here are currently used in your system and triggered the recommendation of this SAP S/4HANA scenario.

Supply Chain

Advanced Order Promising/ATP

OVERVIEW

VALUE PROPOSITION



This Scenario is **Recommended**



Improve
customer satisfaction by using real-time information on inventory



Make
commitments faster by automatically accounting for material availability and allocations



Boost
delivery performance

SAP Offering

SAP EWM embedded in SAP S/4HANA as a new deployment option provides flexible deployment options to run all kinds of warehouses within a single SAP solution:

Access material, product, and business partner data within SAP S/4HANA instead of replicating business partners to a decentralized EWM system

Manage batch master data within SAP S/4HANA

Direct reading of material values, purchase, process, and production orders

Skip warehouse request objects and process only outbound delivery orders, only inbound deliveries, or only posting changes.

Maintain only one quality document instead of working with a quality inspection document and a QM inspection lot and eliminate the need to replicate accounting objects.

Challenges Addressed

- Inconsistent information delivered through multiple tables. High volume back flush resulting in delayed batch jobs and bulk postings.No real-time transparency on stock and exact material flow. No actual costs and intercompany profit transparency.

Sample Inc.
System: P14

OVERVIEW

EXECUTIVE SUMMARY

BUSINESS SCENARIOS RECOMMENDATIONS

NEXT STEPS

HOW TO IMPLEMENT

FURTHER INFORMATION

Supply Chain

Advanced Order Promising/ATP

OVERVIEW

VALUE PROPOSITION

Process Innovation

- Advanced Order Promising provides a sophisticated order promising and confirmation process that allows users to check availability in real-time, set-up and check against use-case driven allocations. Perform backorder processing with intuitive requirement classification and automated exception handling. Manually change confirmations before releasing for delivery.

Business Drivers

- Improve customer satisfaction by using embedded logic to automatically match supply with demand
- Improve on-time delivery performance by replenishing inventories frequently based on the latest information about stock levels and demand forecasts.
- Reduce inventory carrying cost by using real-time information on inventory availability, and projected availability, to provide accurate order commitment dates.
- Reduce days in inventory by leveraging real time information regarding inventory availability to shortening replenishment cycles and to respond to demand on a frequent basis.

Contribution of SAP HANA and SAP Fiori

- Order Fulfillment Manager (Configure BOP Segment, Configure BOP Variant, Configure Order Fulfillment Responsibilities, Monitor BOP Rund)
- Order Fulfillment Specialist (Release for Delivery)

[See related SAP Fiori Apps »](#)

Solution Scope

- Based on your productive SAP SCM system this scenario is recommended.

Sample Inc.
System: P14

OVERVIEW

EXECUTIVE SUMMARY

BUSINESS SCENARIOS RECOMMENDATIONS

NEXT STEPS

HOW TO IMPLEMENT

FURTHER INFORMATION

Asset Management

Business Scenarios Recommendations – Overview

SAP S/4HANA simplifies and accelerates key business scenarios with in-memory technology. The table below shows the business scenarios in your system that could be simplified or improved and impact your business value.

BUSINESS SCENARIO			RELEVANCE FOR YOU	IMPROVED / RELEVANT TRANSACTIONS
Health and Safety Management		Simplified	91%	51
Maintenance Planning and Scheduling			38%	7

Sample Inc.
System: P14

OVERVIEW

EXECUTIVE SUMMARY

BUSINESS SCENARIOS RECOMMENDATIONS

NEXT STEPS

HOW TO IMPLEMENT

FURTHER INFORMATION

Asset Management

Health and Safety Management

OVERVIEW

VALUE PROPOSITION

View in Solution Explorer »

91 %
Relevance for you



Prevent
exposure to chemicals and workplace hazards



Engage
workers in health and safety efforts



Reduce
operational risks

SAP Offering

Assess risks within your organization as they relate to the environment or health and safety of people. Enable compliance with regulations and gain comprehensive insight into the situations that involve risks. This solution supports the identifying, analyzing, evaluating, and managing risks. Take appropriate actions necessary to reduce risks to acceptable levels and prevent any harmful effects to the health and safety of employees and the environment.

Challenges Addressed

- Non-compliance with EHS requirements companywide
- Fragmented, non-holistic views on EHS risk assessment processes and status
- No visibility into risk “hot spots” and effectiveness of risk controls and mitigations
- No company-wide safety culture

Sample Inc.
System: P14

Asset Management

Health and Safety Management

Process Innovation

- Reduce risks by taking a proactive approach to health and safety management. Identify hazards, implement controls, and manage tasks to reduce risk and ensure compliance.

Business Drivers

- Increase employee engagement by providing clear instructions to workers so that they can take proper action to control risks
- Reduce EH&S penalties & fines by providing a systematic way to identify, analyze, and control risks
- Reduce un-planned downtime or outages by proactively identifying and mitigating safety risks to help ensure that production processes run more smoothly and equipment is more reliable

Contribution of SAP HANA and SAP Fiori

- Real-time insight to action through embedded analytics, e.g. for root cause analysis of incidents
- Fiori-based mobile applications for reporting EHS issues and providing insights into Health&Safety risks and controls
- Improved transparency and monitoring of emissions calculations in real-time
- Flexible queries for transactional emissions data and reports

[See related SAP Fiori Apps »](#)

Your currently used transactions* that generated this recommendation

51	CBGL_CS05	EHS: Schedule Background Processing	CBGLWB_CU_BP	EHS LWB Definition of Sel. Functions
	CBGLWB_CU_PARR	EHS LWB Gobal Settings	CG00	Basic Data Environment
	CG02CALL	Call Specification Workbench	CGC_ESC_VERIFY_CUST	Check Configuration
	...More transactions in appendix			

* Transactions listed here are currently used in your system and triggered the recommendation of this SAP S/4HANA scenario.

Sample Inc.
System: P14

OVERVIEW

EXECUTIVE SUMMARY

BUSINESS SCENARIOS RECOMMENDATIONS

NEXT STEPS

HOW TO IMPLEMENT

FURTHER INFORMATION

Asset Management

Maintenance Planning and Scheduling

OVERVIEW

VALUE PROPOSITION

View in Solution Explorer »

38%
Relevance for you



Improve
equipment reliability and quality



Manage
maintainance proactively



Reduce
total cost of ownership

SAP Offering

Optimize maintenance planning and scheduling throughout your organization. Leverage a holistic approach including closed-loop maintenance planning, execution, improvement, and collaboration using solutions from SAP that integrate core processes. Integrate plant maintenance planning with material requirements planning, quality engineering, and environment, health, and safety management functionality to plan your maintenance activities holistically and compliantly.

Challenges Addressed

- Maintenance managers often struggle to get all data points they require in order to make informed decisions like when to repair and when to replace or when it would be best to schedule preventive maintenance to minimize the impact on production schedules and customer timelines, while ensuring safety and avoiding equipment failures.
- Time delays in data entry distort the bigger picture and can cause maintenance bottlenecks.

Sample Inc.
System: P14

Asset Management

Maintenance Planning and Scheduling

Process Innovation

- With SAP software, manufacturers can run enterprise-wide closed-loop quality management processes to prevent deficiencies, enable continuous process improvement, and sustain quality control. Maintenance managers are equipped with the visibility needed to continuously improve operations and produce high-quality goods at a low cost. Integrate advanced quality planning capabilities across multiple applications.

Business Drivers

- Reduce un-planned downtime or outages by better managing assets
- Increase Revenue through Improved Asset Utilization by knowing all relevant data
- Reduce maintenance costs by having an efficient maintenance strategy and executing it

Contribution of SAP HANA and SAP Fiori

- Similar role-based UX for maintenance planners, technicians, screeners, inspectors, and managers
- Enable easy search and identification of Technical Object by: Type ahead search, location, hierarchy, or barcode
- Enable template based data entry for describing maintenance issue
- Track maintenance request across its lifecycle
- Attach photo to maintenance request using the build-in camera of mobile device
- Open work orders prioritized from different dimensions i.e. time, urgency, geography

[See related SAP Fiori Apps »](#)

Your currently used transactions* that generated this recommendation

7	IW21	Create PM Notification - General	IW22	Change PM Notification
	IP41	Add single plan	...More transactions in appendix	

* Transactions listed here are currently used in your system and triggered the recommendation of this SAP S/4HANA scenario.

Next Steps



Get feedback and buy-in from your colleagues in the lines of business **by sharing and discussing this report.**



Get more information and tailored advice **from your SAP sales representative.**



Identify your implementation readiness and roadmap: Run a Discovery Workshop for SAP S/4HANA.



Start your smooth journey to SAP S/4HANA with SAP Digital Business Services.



Objectives of the Discovery Workshop for SAP S/4HANA



- Understand SAP S/4HANA – the new digital core
- Identify most beneficial scenarios of SAP S/4HANA
- Evaluate readiness of business and IT
- Understand migration path and necessary IT landscape adjustments
- Define roadmap and next steps

How to Implement

Advise/Plan

Identify Value and Define Scope

- Identify relevant SAP S/4HANA Business Scenarios
- Define SAP S/4HANA Adoption Road Map
- Define SAP Fiori Road Map

Build/Launch

Implement

- Select a [Transition Scenario](#) to move to SAP S/4HANA
- Use SAP's Methodology, Best Practices, Guided Configuration, and Tools: [SAP ACTIVATE](#) powered by

Operate and Continuously Improve Your Solution

- Use the management platform that provides significant benefits throughout the entire life cycle of SAP solutions.



[SAP Solution Manager 7.2](#)

Get Expert Guidance

for our services for SAP S/4HANA by using the [SAP Enterprise Support value map](#)

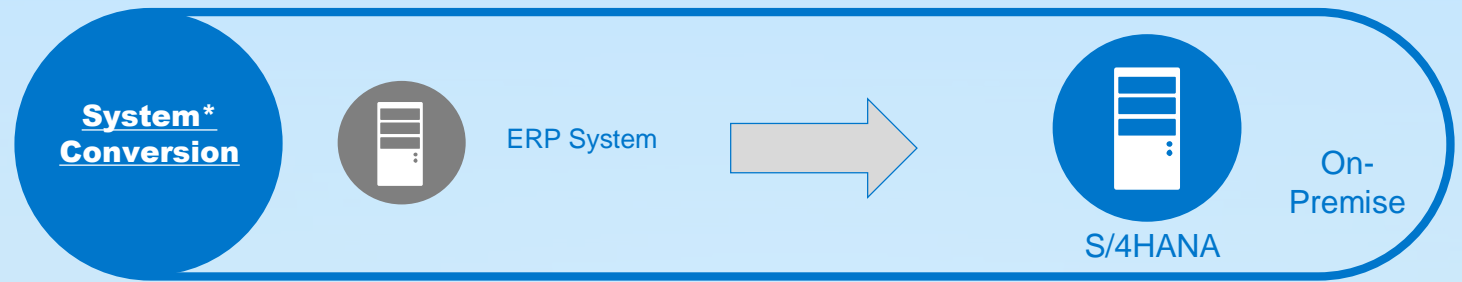
Ensure success

by selecting your level of service coverage with [SAP S/4HANA Value Assurance Packages](#)

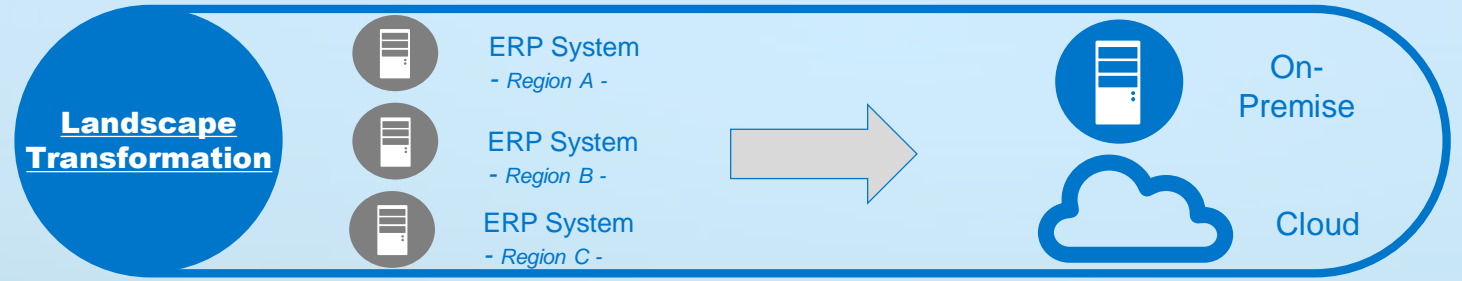
Gain experience through related training offerings:

- Take advantage of our [suite of SAP training courses and certification programs](#) offered by SAP Education.
- Book suitable e-learnings trough the [SAP Enterprise Support Academy](#).

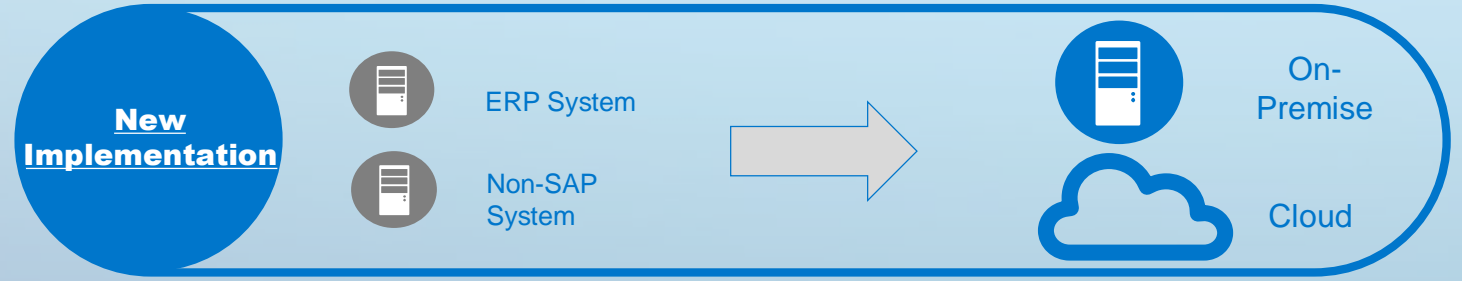
SAP S/4HANA Transition Scenarios



- *Example:* Complete conversion of an existing SAP Business Suite system to SAP S/4HANA



- *Example:* Consolidation of current regional SAP Business Suite landscape into one global SAP S/4HANA system



- *Example:* New or existing SAP customer implementing a new SAP S/4HANA system

* Some customers may decide to run SAP Business Suite powered by SAP HANA or to migrate to SAP S/4HANA Finance as an interim step.

SAP Enterprise Support Value Map for SAP S/4HANA & SAP HANA

» SAP Whitepaper: Learn how to speed up your digital transformation with [SAP Enterprise Support!](#)

» SAP Enterprise Support value maps* help you quickly identify the relevant SAP Enterprise Support offerings for your needs:



Business Audience

Get empowered to:

- Discover the value of new business solutions
- Span business process transformations across LOBs
- Simplify business operations
- Drive financial business performance
- Streamline decisions with real-time data insight



IT Audience

Get empowered to:

- Unlock Technology limitations to lead digital innovations
- Reduce total cost of ownership
- Enable end-users and key-users in LOB
- Implement smooth SAP HANA solutions
- Improve monitoring and troubleshooting

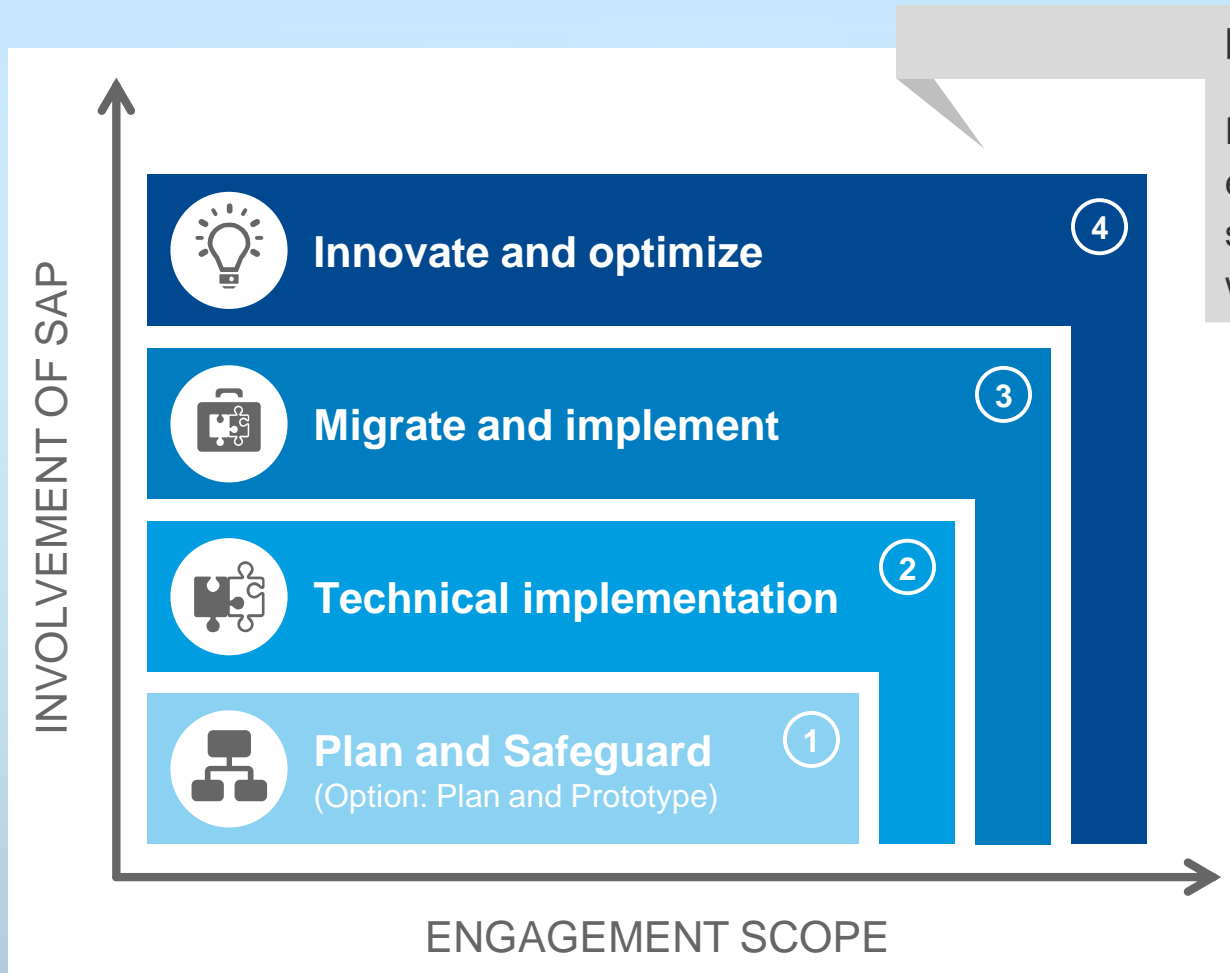
Access the SAP Enterprise Support value map for SAP S/4HANA & SAP HANA and get engaged with other experts »

Not registered for this value map? [Register here](#)

* For general information and access to more SAP Enterprise Support value maps visit the [SAP Support Portal](#).

SAP S/4HANA Value Assurance Service Packages

Quick Start Your Transformation with Tailored Service Packages from SAP



Incremental Levels of Engagement

From planning and foundational implementation to end-to-end setup, service, and support – you can choose the level of service coverage and engagement for SAP S/4HANA that works best for you.

Strong Benefits ✓

- Clear Scope: Pre-defined quick-start services
- Defined outcome
- Risk evaluation and mitigation
- Safeguarded quality gates for a successful go-live
- Extendable at any time
- Custom-tailored if necessary
- Tight connection to SAP with the Control Center Framework (ICC/MCC)

Find out more about
SAP S/4HANA Value Assurance Service Packages »

SAP S/4HANA

The Next Generation ERP Suite

SAP S/4HANA Line of Business Solutions

User Experience

Get Started

SAP S/4HANA: The Next Generation Business Suite for a Digital World

SAP S/4HANA, the modern digital core, is designed to integrate with and utilize IoT, Big Data, Mobile, Business Networks, third party systems, and more. SAP S/4HANA helps our customers create a truly Live Business:

- It is immediate – empowering business users with insights to act in the moment
- It is intelligent – beyond automation to predictive suggestion
- It is integrated – not only between your departments, but connected to the world

Why SAP S/4HANA

Instant, real-time insight for better decisions	With in-memory technology and embedded analytics, SAP S/4HANA provides instant, real time insight for better decisions.
Reinvented processes for higher performance	Because of it's maximized throughput and speed, as well as its native integration into SAP solutions, SAP S/4HANA gives you greater performance.
Higher productivity	SAP S/4HANA leverages the FIORI user experience so that your entire workforce can benefit from not only intuitive mobile first design, but also proactive decision-making support.
Simplified Architecture for lower TCO	SAP S/4HANA uses a simplified architecture with a lean data footprint, and cloud deployment, to lower your total cost of ownership.

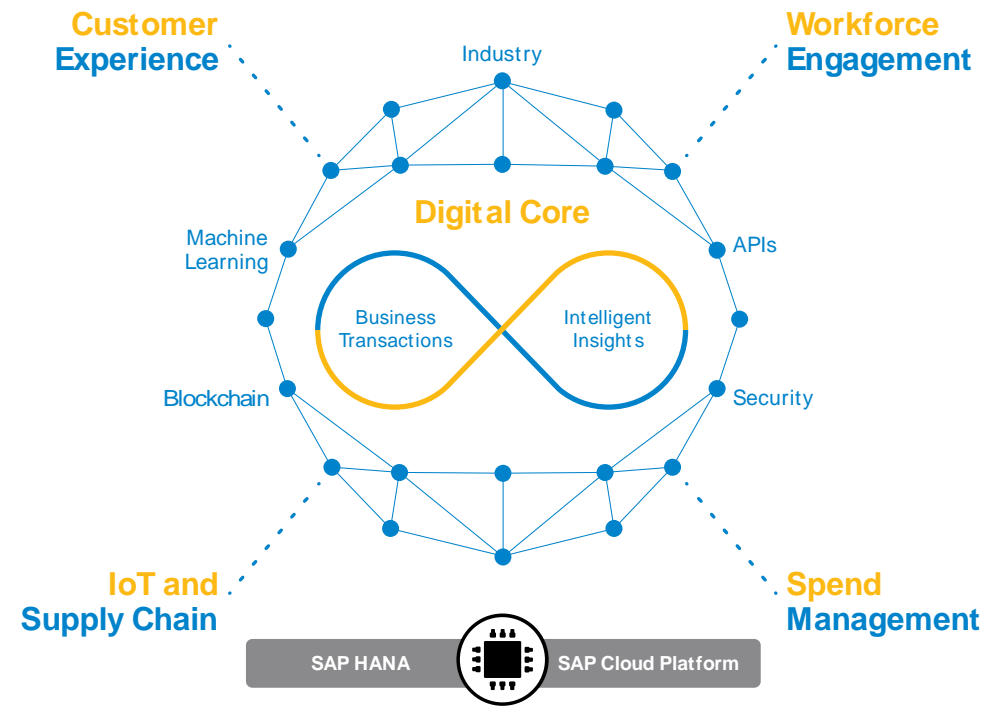
The Next Generation ERP Suite

A digital core with SAP S/4HANA is designed to be delivered on premise, in the cloud, or in a hybrid deployment model. Examples of digital core processes include accounting, financial close, material requirement planning, maintenance management, invoice and payable management, and operational procurement – just to name a few.

Advanced LoB and industry add-ons and functionality, which in the past were pushed out of ERP because of legacy database limitations, are now embedded into the digital core. Examples include, but are not limited to, extended warehouse management, advanced available to promise, production planning, and detailed scheduling.

Get The Latest Information

[SAP S/4HANA on SAP.com](#)

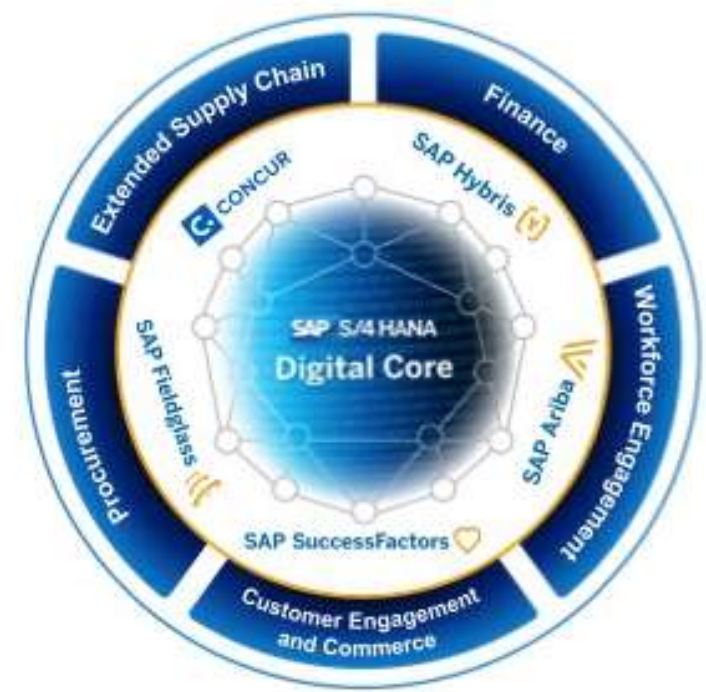


SAP S/4HANA Line of Business Solutions

With SAP S/4HANA®, businesses can create the digital core and benefit from a next-generation, in-memory ERP platform. Together with cloud solutions from SAP and the SAP HANA® platform, businesses can become live enterprises and break free from the boundaries and limitations of the past.

Departmental applications can be consolidated and united by a new digital core and connected to external partners, suppliers, and machines.

LoB cloud applications that support and extend the digital core are tightly integrated into the core with SAP Cloud Platform. Examples include SAP Ariba®, SAP SuccessFactors®, and SAP Fieldglass® solutions, Concur® technology, and SAP Integrated Business Planning and SAP BusinessObjects™ Cloud solutions.



Get The Latest Information

- [▶ SAP S/4HANA on SAP.com](#)
- [▶ Watch video: Delivering on the promise](#)

SAP S/4HANA

The Next Generation
ERP Suite

SAP S/4HANA Line of
Business Solutions

User Experience





Get Started

User Experience: Unlock Productivity and Accelerate Onboarding





SAP S/4HANA is designed with SAP Fiori user experience. With SAP Fiori UX, business users can now get a personalized, responsive and simple experience to get the job done from anywhere. This role-based experience built with modern design principles provides instant insight on any device for a completely reimagined user experience.

In the latest (1610) release, focused on a business user's needs, the award-winning SAP Fiori 2.0 extends the personalized paradigm of the SAP Fiori user experience, enabling easier onboarding and greater productivity. The SAP Fiori launchpad is evolving into a "viewport", a personalized landing page with ready access to individual notifications and profile information. From a single point of entry, each user can see his or her task list, key performance indicators, and access apps through tiles, links, or search. You will have a single visual design across all applications making it easier for your workforce to transition between daily activities.

Get The Latest Information

-  [SAP Fiori on SAP.com](#)
-  [SAP Fiori SCN Community](#)
-  [SAP Fiori on HANA App Center](#)
-  [SAP Fiori App Reference Library](#)

Videos

-  [What is SAP Fiori?](#)
-  [Great User Experience for SAP S/4HANA 1610 with SAP Fiori 2.0](#)
-  [Dong Energy Customer Testimonial Video](#)
-  [Pacific Drilling Customer Testimonial Video](#)

SAP S/4HANA

The Next Generation
ERP Suite


SAP S/4HANA Line of
Business Solutions

User Experience

Get Started

Get The Latest Information

 [Why SAP HANA? \(video\)](#)

 [SAP S/4HANA Customer Success Stories Flipbook](#)

 [SAP S/4HANA Use Cases Flipbook](#)

 [SAP S/4HANA Value Advisor](#)

 [SAP S/4HANA Training Courses](#)

 [SAP S/4HANA Trials](#)

SAP S/4HANA n (about) 2 Minutes

In-memory computing can have a dramatic impact on ERP - well beyond a simple speed increase. Discover how SAP S/4HANA is different with these (roughly) two minute long videos and associated content.

 [SAP S/4HANA In \(about\) 2 Minutes](#)

SAP S/4HANA 1610 Release Highlights

Unlock the next wave of productivity with the latest release (1610) of SAP S/4HANA®. Built on SAP HANA, our industry-leading in-memory computing platform, SAP S/4HANA can help you transform your organization, delivering a customized product or service to an audience of one, at global scale.

 [Read the brochure](#)

SAP S/4HANA Blog Series

The best way to understand how a digital core brings together business and IT for digital transformation is with concrete use cases. This multi-part blog series outlines the business and technical views of running the next-generation business suite.

 [Read the blog series](#)



Sample Inc.
System: P14

OVERVIEW

EXECUTIVE SUMMARY

BUSINESS SCENARIOS RECOMMENDATIONS

NEXT STEPS

HOW TO IMPLEMENT

FURTHER INFORMATION

Appendix – All Improved Transactions

Cost Management

Transaction Code	Transaction Name
KOB1	Orders: Actual Line Items
KSU5	Execute Actual Assessment
KOK5	Master Data List Internal Orders
KON2	Actual Reval.: Int.Orders Col.Pro.
KSS2	Actual Cost Splitting: Cost Centers
CJ31	Display Project Original Budget
KO03	Display Internal Order
KS13	Cost Centers: Master Data Report
CJ36	Budget Supplement to Project
KS03	Display Cost Center
KSB5	Controlling Documents: Actual
KSU2	Change Actual Assessment
KRMI	Run Sched. Header: Line Items Actual
KOL1	Order List (Master Data)
OKEW	Splitting: Assignment KOSTL -> SCNAM
KSB1	Cost Centers: Actual Line Items
KO8G	Act. Settlement: Int./Maint. Orders
KP06	Change CElem/Activity Input Planning
KO02	Change Order
KO01	Create Internal Order
CJ88	Settle Projects and Networks
KSV5	Execute Actual Distribution

Transaction Code	Transaction Name
CJ30	Change Project Original Budget
KO88	Actual Settlement: Order
KO04	Order Manager
KOK3	Collective Disp. Internal Orders
KOB2	Orders: Commitment Line Items
OKENN	Display Standard Hierarchy
KSBT	Cost centers: Activity prices
KSU3	Display Actual Assessment
KOSRLIST_OR	Internal Orders: Coll. Displ. SettRu
KP26	Change Plan Data for Activity Types
KAH3	Display cost element group
KON1	Actual Reval.: Int.Orders Ind.Pro.
KP47	Display Stat. Key Figure Plan Data
KSH1	Create Cost Center Group
KS01	Create cost center
KA03	Display Cost Element
KAH2	Change cost element group
KOH3	Display Order Group
KSBP	Cost Centers: Plan Line Items
OKC9	Define Substitution
OKB9	Change Automatic Account Assignment
KP27	Display Plan Data for Activity Types

* Transactions listed here are currently used in your system and triggered the recommendation of this SAP S/4HANA scenario.



Sample Inc.
System: P14

OVERVIEW

EXECUTIVE SUMMARY

BUSINESS SCENARIOS RECOMMENDATIONS

NEXT STEPS

HOW TO IMPLEMENT

FURTHER INFORMATION

Appendix – All Improved Transactions

Cost Management

Transaction Code	Transaction Name
KSH2	Change Cost Center Group
KPF6	Change CElem/Activity Input Planning
OKP1	Maintain Period Lock
OKES	Maintain Splitting Structure
KA02	Change Cost Element
KP04	Set Planner Profile
KS12	Change Cost Centers
KBK6	CO-CCA: Manual Actual Price
OKC7	Define Validation
KS04	Delete cost center
KSBL	Cost centers: Planning overview
KABL	Order: Planning Overview
KL02	Change Activity Type
KOH2	Change Order Group
KSV3	Display Actual Distribution
KABP	Controlling Documents: Plan
KA23	Cost Elements: Master Data Report
OKEON	Change Standard Hierarchy
KLH3	Display Activity Type Group
KOB4	Orders: Budget Line Items
KL13	Activity Types: Master Data Report
KSV2	Change Actual Distribution

Transaction Code	Transaction Name
KSB2	Cost Centers: Commitment Line Items
CJ34	Project Budget Transfer
KP07	Display Planning CElem/Act. Input
KOK2	Collective Proc. Internal Orders
CJ3B	Display Budget Document
KA01	Create Cost Element
OKOV	Select. Variants for Internal Orders
KLH1	Create Activity Type Group
KAH1	Create Cost Element Group
KOH1	Create Order Group
KL03	Display Activity Type
KLH2	Change Activity Type Group
KOK6	Collect. Printing of Internal Orders
KS05	Cost Center: Display Changes
KA06	Create Secondary Cost Element

* Transactions listed here are currently used in your system and triggered the recommendation of this SAP S/4HANA scenario.



Sample Inc.
System: P14

OVERVIEW

EXECUTIVE SUMMARY

BUSINESS SCENARIOS RECOMMENDATIONS

NEXT STEPS

HOW TO IMPLEMENT

FURTHER INFORMATION

Appendix – All Improved Transactions

Accounts Receivable

Transaction Code	Transaction Name
F.21	A/R: Open Items
OBYC	C FI Table T030
OBYG	C FI Table T030
F-32	Clear Customer
FB1D	Clear Customer
OB52	C FI Maintain Table T001B
FBL5	Display Customer Line Items
FB75	Enter Outgoing Credit Memos
OB28	C FI Maintain Table T001D
OBBH	C FI Maintain Table T001Q (Document)
OBA7	C FI maintain table T003
FBA3	Clear Customer Down Payment
OB09	C FI Maintain Table T030H
OBA1	C FI Maintain Table T030
OB13	C FI Maintain Table T004
OBVU	C FI Maintain View
OBXZ	C FI Table T030 G/L Account Clearing
O7Z5	Auto.Payment Line Layout
FBKP	Maintain Accounting Configuration
OBYE	C FI Table T030
F.20	A/R: Account List
OB83	C FI Maintain Table T056P

Transaction Code	Transaction Name
F-28	Post Incoming Payments
O7FE	Auto.Pymt Fld.Sel.Find Line Item
O7V5	Auto.Pyt Line Item Dflt Line Layout
OBYT	C FI Table T030 HRI + HRD
F-40	Bill of Exchange Payment
OBYU	C FI Table T030 HRI + HRD
OBYL	C FI Table T030 HRI + HRC

* Transactions listed here are currently used in your system and triggered the recommendation of this SAP S/4HANA scenario.



Sample Inc.
System: P14

OVERVIEW

EXECUTIVE SUMMARY

BUSINESS SCENARIOS RECOMMENDATIONS

NEXT STEPS

HOW TO IMPLEMENT

FURTHER INFORMATION

Appendix – All Improved Transactions

Closing Operations

Transaction Code	Transaction Name
FIN_FSSC_SR_CO_REPORT	Service Request Report for CO
FIN_FSSC_SR_FI_REPORT	Service request report for FI
FSSC_SR_CO_REPORT	Service Request Report for CO
FSSC_SR_FI_REPORT	Service request report for FI
F.01	ABAP Report: Financial Statements
F.26	A/R: Balance Interest Calculation
F.27	Periodic Account Statements
F_IT_01	Report RFSUMB00 Italy
F010	ABAP/4 Reporting: Fiscal Year Change
F101	ABAP/4 Reporting: Balance Sheet Adj.
F107_A2MT	Assign Transaction Types to Actions
F107_MT2A	Assign Transaction Types to Actions
F107_PROV	FI Provisions
F107_PROV_RP	FI Discounting: Receivables/Payables
F107_PROVMETH	FI Provision Calculation Methods
FSO2	Change Finan.Statement Vers. (old)
FSO3	Display Finan.Statement Vers. (Old)
OACCR01	Accruals/Deferrals Doc. Type Maint.

* Transactions listed here are currently used in your system and triggered the recommendation of this SAP S/4HANA scenario.



Sample Inc.
System: P14

OVERVIEW

EXECUTIVE SUMMARY

BUSINESS SCENARIOS RECOMMENDATIONS

NEXT STEPS

HOW TO IMPLEMENT

FURTHER INFORMATION

Appendix – All Improved Transactions

Accounts Payable

Transaction Code	Transaction Name
FDTA	TemSe/REGUT Data Administration
FINT	Item Interest Calculation
FBZ0	Display/Edit Payment Proposal
F.41	A/P: Open Items
FV60	Park Incoming Invoices
FK10N	Vendor Balance Display
FBA8	Clear Vendor Down Payment
F-54	Clear Vendor Down Payment
FINTSHOW	Overview of Int. Runs for Item. Int.
FV63	Displayed Parked Vendor Document
FBL1	Display Vendor Line Items
F-41	Enter Vendor Credit Memo
FBZP	Maintain Pmnt Program Configuration
FBA6	Vendor Down Payment Request
SAPMFDTA	TemSe/REGUT Data Administration

* Transactions listed here are currently used in your system and triggered the recommendation of this SAP S/4HANA scenario.



Sample Inc.
System: P14

OVERVIEW

EXECUTIVE SUMMARY

BUSINESS SCENARIOS RECOMMENDATIONS

NEXT STEPS

HOW TO IMPLEMENT

FURTHER INFORMATION

Appendix – All Improved Transactions

Operational Contract Management

Transaction Code	Transaction Name
ME33K	Display Contract
ME3L	Outline Agreements per Supplier
ME33	Display Outline Agreement
ME1M	Info Records per Material
ME12	Change Purchasing Info Record
ME13	Display Purchasing Info Record
ME15	Flag Purch. Info Rec. for Deletion
ME9E	Message Output: Sch. Agmt. Schedules
ME3M	Outline Agreements by Material
ME14	Changes to Purchasing Info Record

* Transactions listed here are currently used in your system and triggered the recommendation of this SAP S/4HANA scenario.



Sample Inc.
System: P14

OVERVIEW

EXECUTIVE
SUMMARY

BUSINESS SCENARIOS
RECOMMENDATIONS

NEXT
STEPS

HOW TO
IMPLEMENT

FURTHER
INFORMATION

Appendix – All Improved Transactions

Invoice Processing

Transaction Code	Transaction Name
MR8M	Cancel Invoice Document
MIR4	Call MIRO - Change Status
MIR7	Park Invoice
MIRO	Enter Incoming Invoice
MIR6	Invoice Overview
MIR5	Display List of Invoice Documents
MR22	Material Debit/Credit

* Transactions listed here are currently used in your system and triggered the recommendation of this SAP S/4HANA scenario.



Sample Inc.
System: P14

OVERVIEW

EXECUTIVE SUMMARY

BUSINESS SCENARIOS RECOMMENDATIONS

NEXT STEPS

HOW TO IMPLEMENT

FURTHER INFORMATION

Appendix – All Improved Transactions

Basic Warehouse Management

Transaction Code	Transaction Name
VL06F	General delivery list - Outb.deliv.
MB21	Create Reservation
MB03	Display Material Document
MCB%	INVCO: Set up stats. for parm. anal.
MIW1	PI Document Consignment at Customer
MB51	Material Doc. List
MB52	List of Warehouse Stocks on Hand
MB5B	Stocks for Posting Date
MB25	Reservation List
MBVR	Management Program: Reservations
MC.9	INVCO: Material Anal.Selection,Stock
MB5L	List of Stock Values: Balances
MB5S	Display List of GR/IR Balances
MB22	Change Reservation
VL06G	List of Oubound Dlvs for Goods Issue
MB58	Consgmt and Ret. Packag. at Customer
MC.6	INVCO: SLoc Anal. Selection: Rec/Iss
MB23	Display Reservation
MCBE	INVCO: Material Analysis Selection
MR51	Material Line Items
MI31	Batch Input: Create PI Document
MB5T	Stock in transit CC

Transaction Code	Transaction Name
MC.4	INVCO: Plant Anal.Selection,Coverage
MI07	Process List of Differences
MCBC	INVCO: Stor. Loc. Analysis Selection
MI02	Change Physical Inventory Document
MI21	Print physical inventory document
MI03	Display Physical Inventory Document
MCBA	INVCO: Plant Analysis Selection
VL06I	Inbound Delivery Monitor
MI01	Create Physical Inventory Document
MLLB	Stocks at Subcontractor
MIK1	PI Document Supplier Consignment
MI05	Change Inventory Count
MN23	Display Condition: Inventory Mgmt
OMJJ	Customizing: New Movement Types
MI22	Display Phys. Inv. Docs. f. Material
MI11	Recount Physical Inventory Document
MCBO	INVCO: Mat.Type Analysis Selection
MC.A	INVCO: Mat.Anal.Selection, Rec/Iss
MB53	Display Plant Stock Availability
MCLH	WM: Movement Types - Selection
MIDO	Physical Inventory Overview
MBST	Cancel Material Document

* Transactions listed here are currently used in your system and triggered the recommendation of this SAP S/4HANA scenario.



Sample Inc.
System: P14

OVERVIEW

EXECUTIVE SUMMARY

BUSINESS SCENARIOS RECOMMENDATIONS

NEXT STEPS

HOW TO IMPLEMENT

FURTHER INFORMATION

Appendix – All Improved Transactions

Basic Warehouse Management

Transaction Code	Transaction Name
MN22	Change Condition: Inventory Mgmt
MN21	Create Condition: Inventory Mgmt
MB54	Consignment Stocks
MIO1	Batch Input: PID Stock w/Subcontract
M705	Output: Display Conditions Table
MIQ1	Batch Input: PID Project Stock
MIE1	Batch Input: PI Document Sales Order
MBSM	Display Cancelled Material Docs.
M706	Maintain Output Types: Inv. Mgmt
MI06	Display Inventory Count
MCBV	INVCO: Parameter Analysis Selection
MC44	INVCO:Analysis of Inventory Turnover
OMWB	C MM-IV Autom. Acct. Assgt. (Simu.)
MI39	Batch Input: Document and Count
MCBK	INVCO: MatGrp Analysis Selection
MB5M	BBD/Prod. Date
MI32	Batch Input: Block Material

* Transactions listed here are currently used in your system and triggered the recommendation of this SAP S/4HANA scenario.



Sample Inc.
System: P14

OVERVIEW

EXECUTIVE
SUMMARY

BUSINESS SCENARIOS
RECOMMENDATIONS

NEXT
STEPS

HOW TO
IMPLEMENT

FURTHER
INFORMATION

Appendix – All Improved Transactions

Basic Order Promising

Transaction Code	Transaction Name
MCRO	Matl consumptn anal.: repetitive mfg
MCP8	Goods rcpt analysis: repetitive mfg
MCRX	PP-PI: Material Usage Analysis
RMCF2600	Matl consumptn anal.: repetitive mfg
IR03	Display Work Center
MC95	Display Flexible LIS Planning
IR02	Change Work Center
CRAH	Create Work Center
RMCF2500	Goods rcpt analysis: repetitive mfg

* Transactions listed here are currently used in your system and triggered the recommendation of this SAP S/4HANA scenario.



Sample Inc.
System: P14

OVERVIEW

EXECUTIVE
SUMMARY

BUSINESS SCENARIOS
RECOMMENDATIONS

NEXT
STEPS

HOW TO
IMPLEMENT

FURTHER
INFORMATION

Appendix – All Improved Transactions

Extended Warehouse Management

Transaction Code	Transaction Name
VT02N	Change Shipment
VI02	Change shipment costs
VI05	Change shipment cost worklist
V_SA	Collective Proc. Analysis (Deliv.)
VICI	Call shipment info via CALL TRANS
SAPMV54A	Change shipment costs

* Transactions listed here are currently used in your system and triggered the recommendation of this SAP S/4HANA scenario.

Appendix – All Improved Transactions

Health and Safety Management

Transaction Code	Transaction Name
CBGL_CS05	EHS: Schedule Background Processing
CBGLWB_CU_BP	EHS LWB Definition of Sel. Functions
CBGLWB_CU_PAR	EHS LWB Gobal Settings
CG00	Basic Data Environment
CG02CALL	Call Specification Workbench
CGC_ESC_VERIFY_CUST	Check Configuration
BDA5	Distribute documents
CBHR11	EHS-INT: Create External Person
CBHR12	EHS-INT: Change External Person
CBHR13	EHS-INT: Display External Person
CBHR21	EHS-INT: Create Authority
CBHR22	EHS-INT: Change Authority
CBHR23	EHS-INT: Display Authority
CG59	EHS: manual entry WL generation
CG5A	EHS: manual entry WL generation
CG5B	EHS: manual entry WL generation
CGA1	EHS: Maintain Specification Type
CGA2	EHS: Val.Asg.Type/Specification Type
CGA3	EHS: Authorization Object
CGA4	EHS: Identification Category
CGA5	EHS: Value Assignment Text Type

Transaction Code	Transaction Name
CGA6	EHS: Value Assignment Assessment
CGA7	EHS: Maintain component category
CGA8	EHS: Characteristic rating
CGA9	EHS: Phrase Library
CGB1	EHS: Number Range for Spec. Key
CGB2	EHS: No. rng. maintenance record no.
CGB3	EHS: Number range record counter
CGB4	EHS: Number range phrase key
CGB5	EHS: No. range maint.: SAP_CLASSR
CGB6	EHS: No. range maint.: SAP_CHARCR
CGB7	EHS: Char,Class,PropTree,ClientCopy
CGBB	EHS: Initial generation of phr. sets
CGBC	EHS: Load XLS Macro Spec Info System
CGC1	EHS: Validity area
CGC2	EHS: Usage profile
CGC3	EHS: Property Tree
CGC4	EHS: Identification listing
CGC5	EHS: Report Symbol Group
CGC6	EHS: Report Symbol
CGC7	EHS: Report Syntax
CGC8	EHS: Report environment
CGC9	EHS: Syntax graph definition

* Transactions listed here are currently used in your system and triggered the recommendation of this SAP S/4HANA scenario.



Sample Inc.
System: P14

OVERVIEW

EXECUTIVE SUMMARY

BUSINESS SCENARIOS RECOMMENDATIONS

NEXT STEPS

HOW TO IMPLEMENT

FURTHER INFORMATION

Appendix – All Improved Transactions

Health and Safety Management

Transaction Code	Transaction Name
CGCNIMPEXP	EHS:No.Range Maintenance Imp./Export
CGCNOHORD	EHS: Number Range ESN_OHORD
CGCNRCNGRP	EHS: No. Range Maint. Group Admin.
CGCNSESSID	EHS: No. Range Maint. Session ID
CGCNWWIACL	EHS: Number Range ESN_WWIACL
CGCNWWIDOC	EHS: Number Range ESN_WWIDOC
CGCNWWIORD	EHS: Number Range ESN_WWIORD
CGD1	EHS: Phrase languages

* Transactions listed here are currently used in your system and triggered the recommendation of this SAP S/4HANA scenario.



Sample Inc.
System: P14

OVERVIEW

EXECUTIVE
SUMMARY

BUSINESS SCENARIOS
RECOMMENDATIONS

NEXT
STEPS

HOW TO
IMPLEMENT

FURTHER
INFORMATION

Appendix – All Improved Transactions

Maintenance Planning and Scheduling

Transaction Code	Transaction Name
IW21	Create PM Notification - General
IW22	Change PM Notification
IP10	Schedule Maintenance Plan
IW38	Change PM Orders
IP24	Scheduling overview list form
IP41	Add single plan
IW8W	Goods Receipt f. Refurbishment Order

* Transactions listed here are currently used in your system and triggered the recommendation of this SAP S/4HANA scenario.



Sample Inc.
System: P14

OVERVIEW

EXECUTIVE
SUMMARY

BUSINESS SCENARIOS
RECOMMENDATIONS

NEXT
STEPS

HOW TO
IMPLEMENT

FURTHER
INFORMATION

Appendix – Top Custom Code Transactions by Response Time

Report or Transaction Name	Number of Dialog Steps	Average response Time / Dialog Step (ms)	Response Time (ms)
Z_Custom_Code_01	400719	1472	589858368
Z_Custom_Code_02	21	27815186	584118906
Z_Custom_Code_03	28725	20170	579383250
Z_Custom_Code_04	188970	1148	216937560
Z_Custom_Code_05	43843	4335	190059405
Z_Custom_Code_06	147279	1205	177471195
Z_Custom_Code_07	65589	2379	156036231
Z_Custom_Code_08	1445	102141	147593745
Z_Custom_Code_09	29279	4990	146102210
Z_Custom_Code_10	82	1421691	116578662
Z_Custom_Code_11	61028	1437	87697236
Z_Custom_Code_12	4852	12751	61867852
Z_Custom_Code_13	28651	2062	59078362
Z_Custom_Code_14	1833	24935	45705855
Z_Custom_Code_15	3780	11421	43171380
Z_Custom_Code_16	1446	20507	29653122
Z_Custom_Code_17	1597	18199	29063803
Z_Custom_Code_18	30350	928	28164800
Z_Custom_Code_19	4150	6139	25476850
Z_Custom_Code_20	2581	9292	23982652
Z_Custom_Code_21	1157	19141	22146137
Z_Custom_Code_22	35944	530	19050320
Z_Custom_Code_23	14411	1220	17581420

Sample Inc.
System: P14

OVERVIEW

EXECUTIVE
SUMMARY

BUSINESS SCENARIOS
RECOMMENDATIONS

NEXT
STEPS

HOW TO
IMPLEMENT

FURTHER
INFORMATION

Help

CONTACT INFORMATION

**Customer Value Experience
SAP Digital Business Services**

E-Mail: s4hana@sap.com

**HOW CAN WE HELP YOU?
CONTACT US!**



Sample Inc.
System: P14

OVERVIEW	EXECUTIVE SUMMARY	BUSINESS SCENARIOS RECOMMENDATIONS	NEXT STEPS	HOW TO IMPLEMENT	FURTHER INFORMATION
----------	-------------------	------------------------------------	------------	------------------	---------------------

Disclaimer

Please be aware that business scenario recommendations for SAP S/4HANA is a high-level planning tool to get an overview of the relevant new functionalities provided by SAP S/4HANA. It does not cover all benefits that are relevant for planning the implementation. Furthermore, it does explicitly not contain functional benefits introduced with new functionalities not related to the SAP S/4HANA business scenarios. Data contained in the business scenario recommendations for SAP S/4HANA may be changed without prior notice and is provided for informational purposes to SAP customers only. For more detailed information, especially with respect to process or scenario-specific information, please refer to the SAP S/4HANA website located at <http://www.sap.com/s4hana>.

Before you perform any tasks related to the software lifecycle, you still have to consult the relevant documentation, such as Master Guides, the documents provided in the SAP Service Marketplace, SAP Support Portal, support package stack guides and SAP notes. You cannot rely on the results of the business scenario recommendations for SAP S/4HANA. If you need individual guidance and support for your implementation project, please contact your local SAP consulting organization for further advice.

The business scenario recommendations for SAP S/4HANA and its content are provided by SAP SE and its affiliated companies ('SAP Group') for informational purposes only, without representation or warranty of any kind, and SAP Group shall not be liable for errors or omissions with respect to the materials. SAP does not warrant the accuracy or completeness of the information, text, graphics, links, or other items contained within these materials and shall have no liability for damages of any kind including without limitation direct, special, indirect, or consequential damages that may result from the use of the tool. Customers remain responsible for their SAP implementation.

© 2017 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://global12.sap.com/corporate-en/legal/copyright/index.epx> 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.