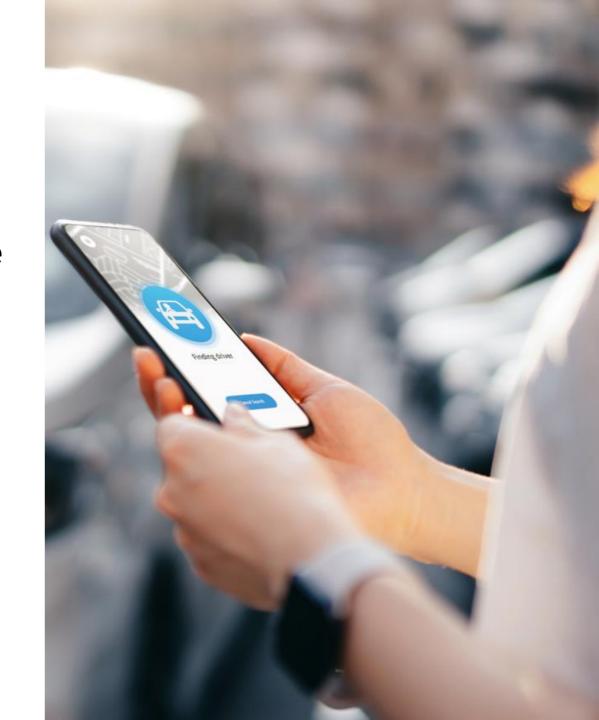


Business Transformation with SAP Intelligent Enterprise



Agenda

- SAP S/4HANA Overview
- Modern Cloud ERP for every enterprise
- RISE Journey to S/4HANA
- Recommended Next Steps

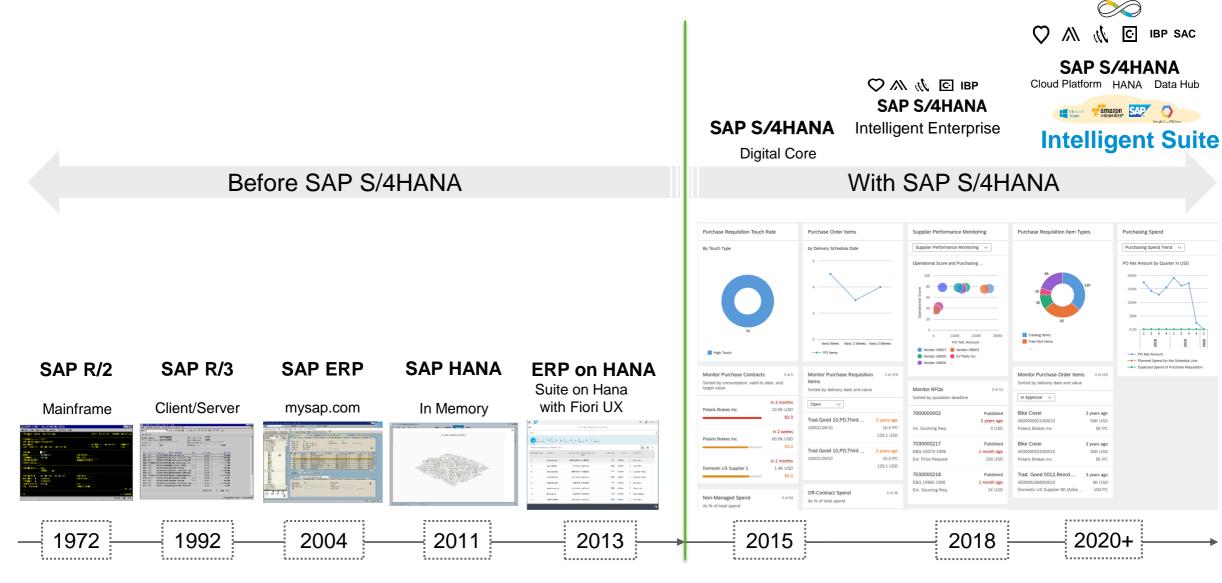


Agenda

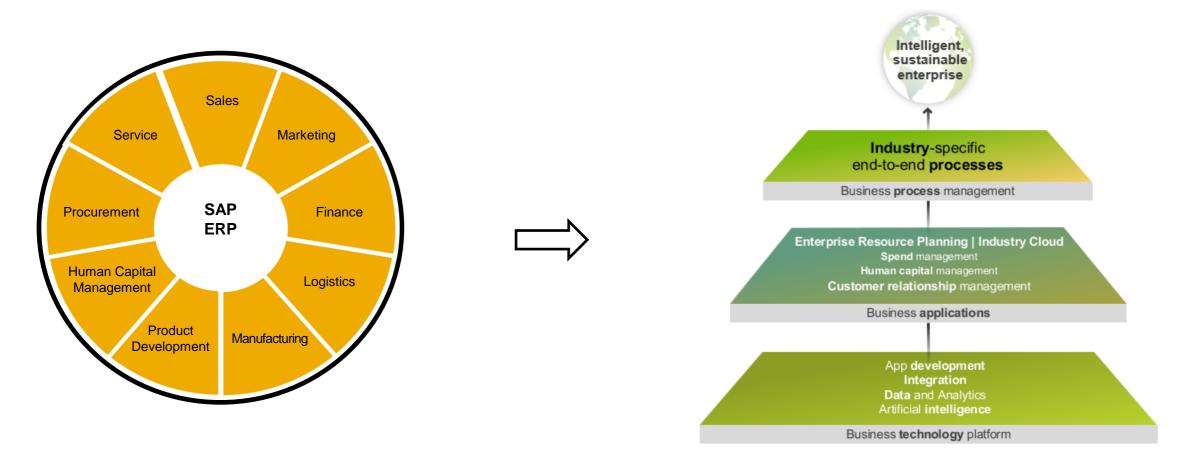
- SAP S/4HANA Overview
- Modern Cloud ERP for every enterprise
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History and Evolution of SAP ERP



What makes S/4 different?



The Intelligent Sustainable Enterprise is the SAP approach to establish and manage end to end business processes providing efficiencies across solutions using well-defined suite qualities (i.e. security, workflow, UI, analytics); while leveraging the business technology platform for integrations, analytics and extensibility all in a well integrated manner.

Why S/4HANA? ... Characteristics of a Modern ERP System



Even Higher Performance and Scalability



Consumer-grade User Experience



New Business Processes



Artificial Intelligence & Machine Learning Technologies



Simplified and Standardized Implementation



Extensible Architecture



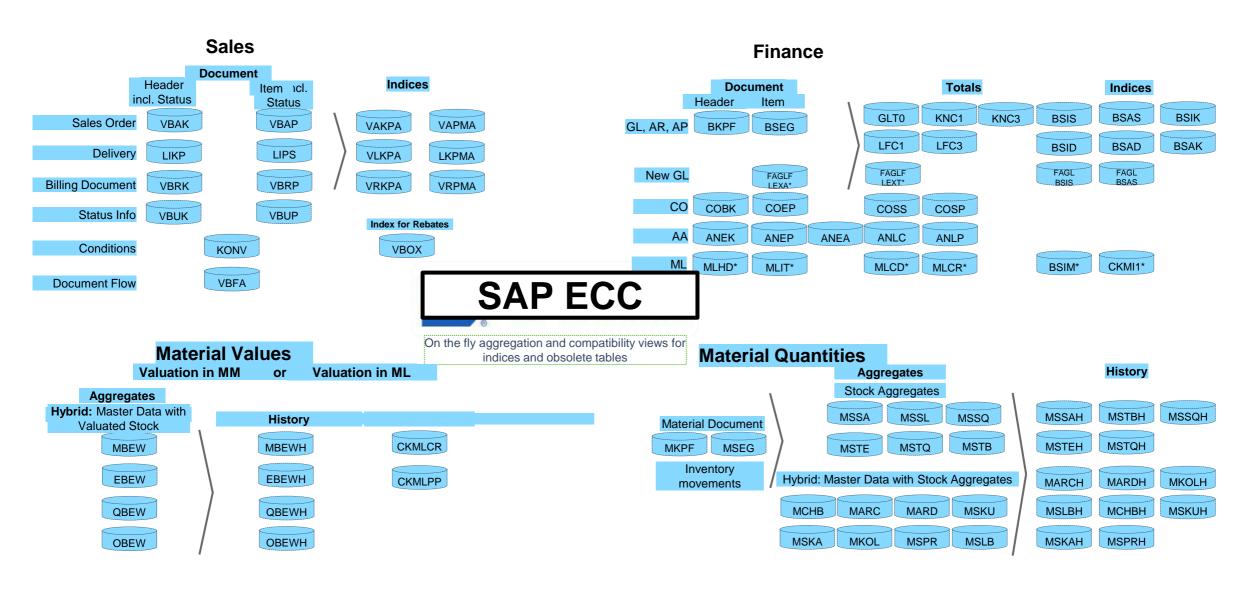
Cloud and On-Premise Deployment Models



Security, Privacy, Compliance, and Data Isolation

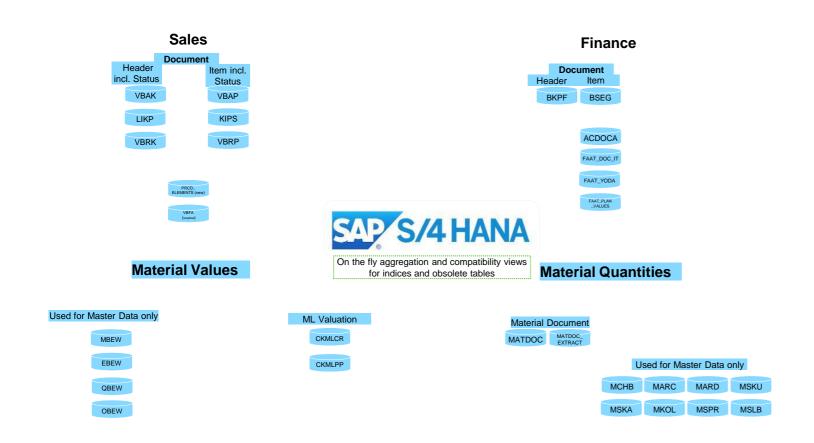
Simplification of the Data Platform

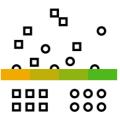
Enables users to access information in a radically different way



Simplification of the Data Platform

Enables users to access information in a radically different way





SAP S/4HANA Benefits

- Simplified Data model (Real-time in-Memory database)
- Real-time ad-hoc analytics (no aggregations)
- Faster processing allowed reengineering of processes (no batch jobs required)

Consistent User Experience









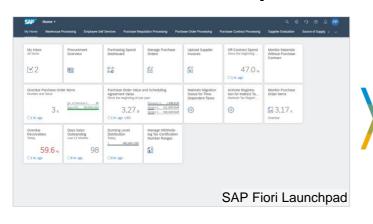
Simple



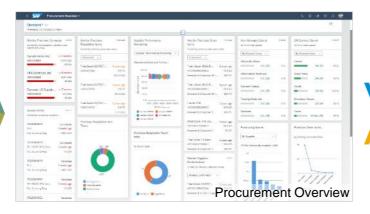
Role-based

Coherent

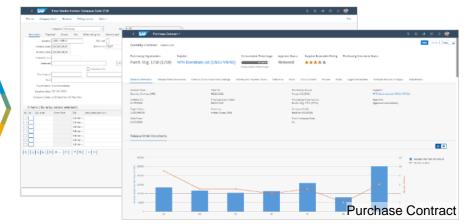
SAP Fiori Launchpad



Live insights

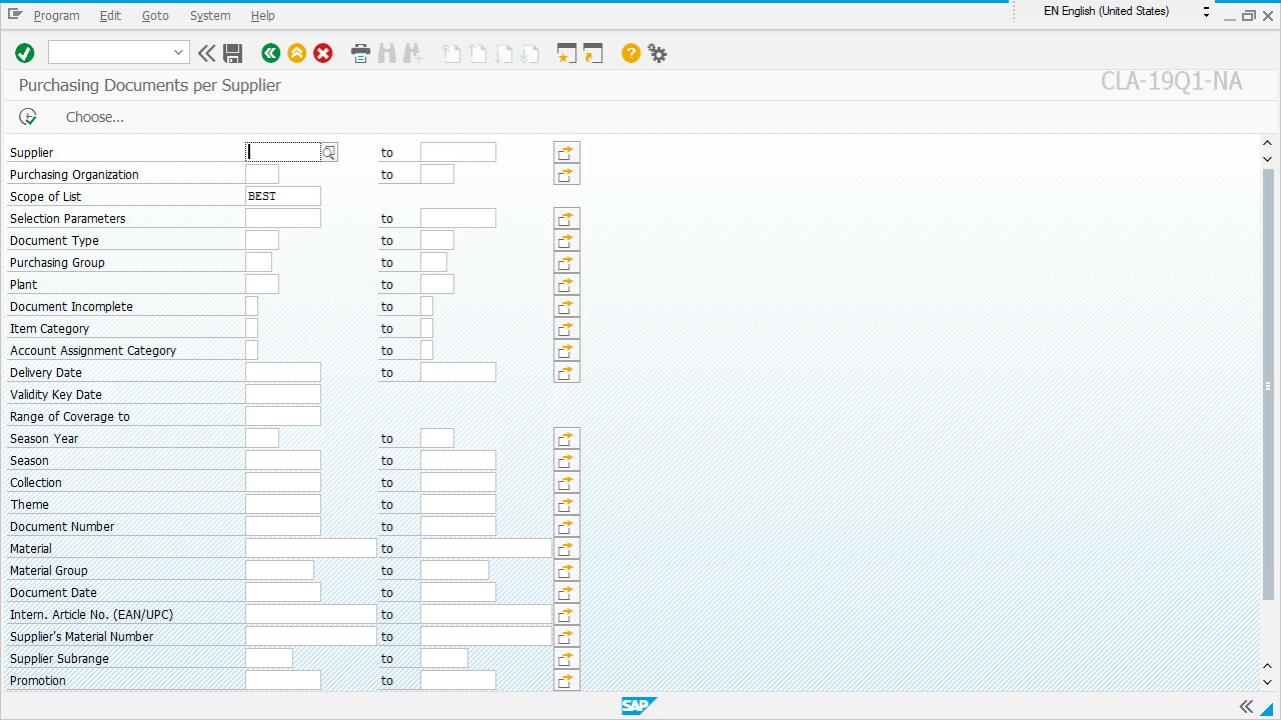


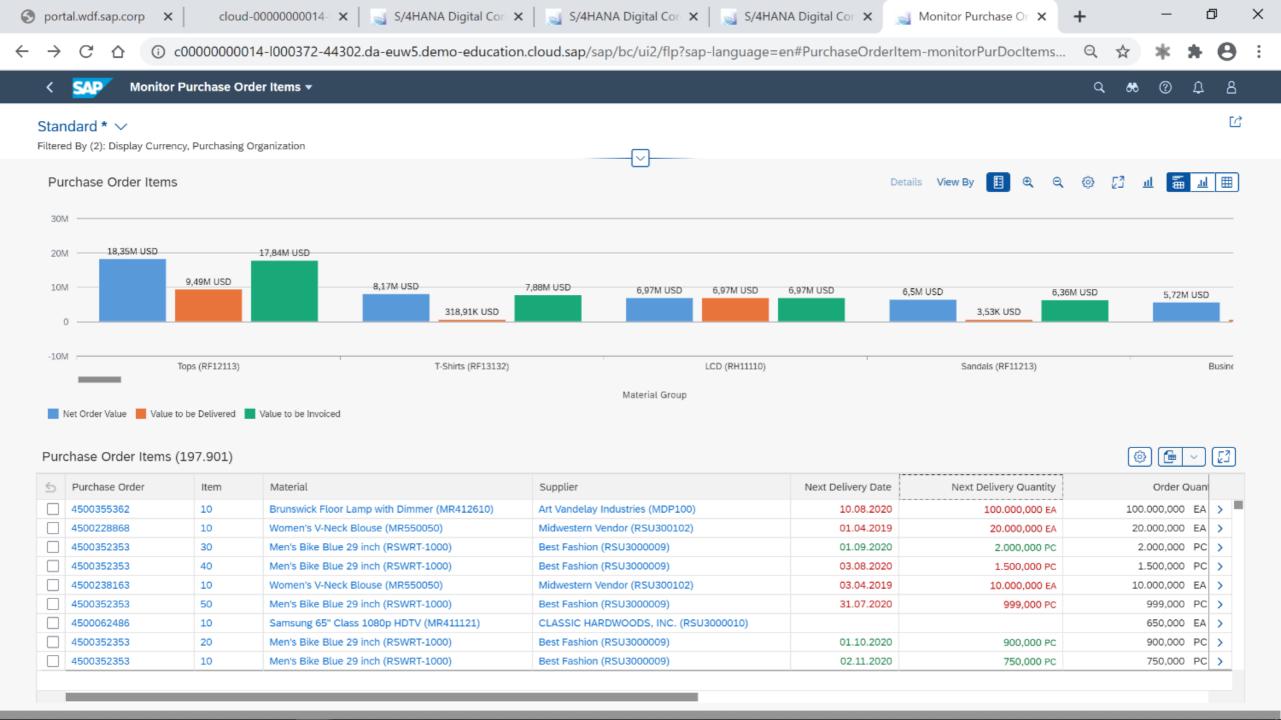
Embedded Analytics

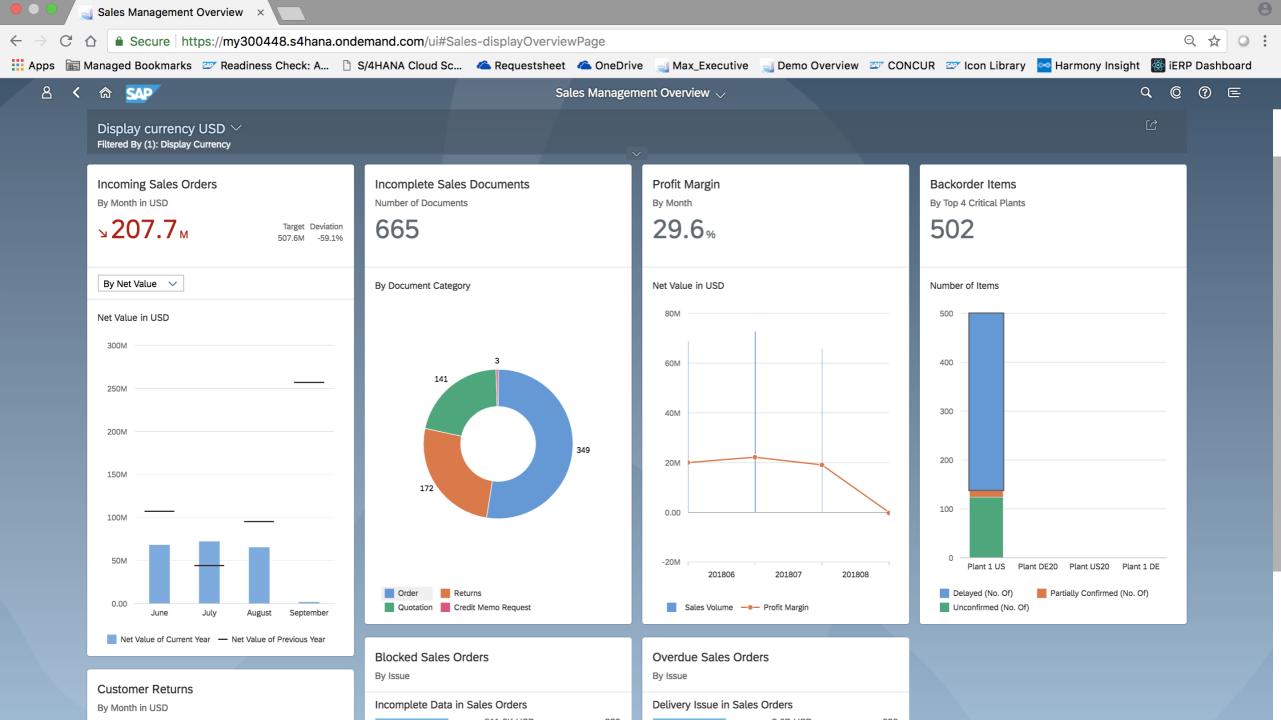


- Single Entry Point
- Transactions and analytics on same platform
- Run on any device
- 1700+ Fiori apps for SAP S/4HANA

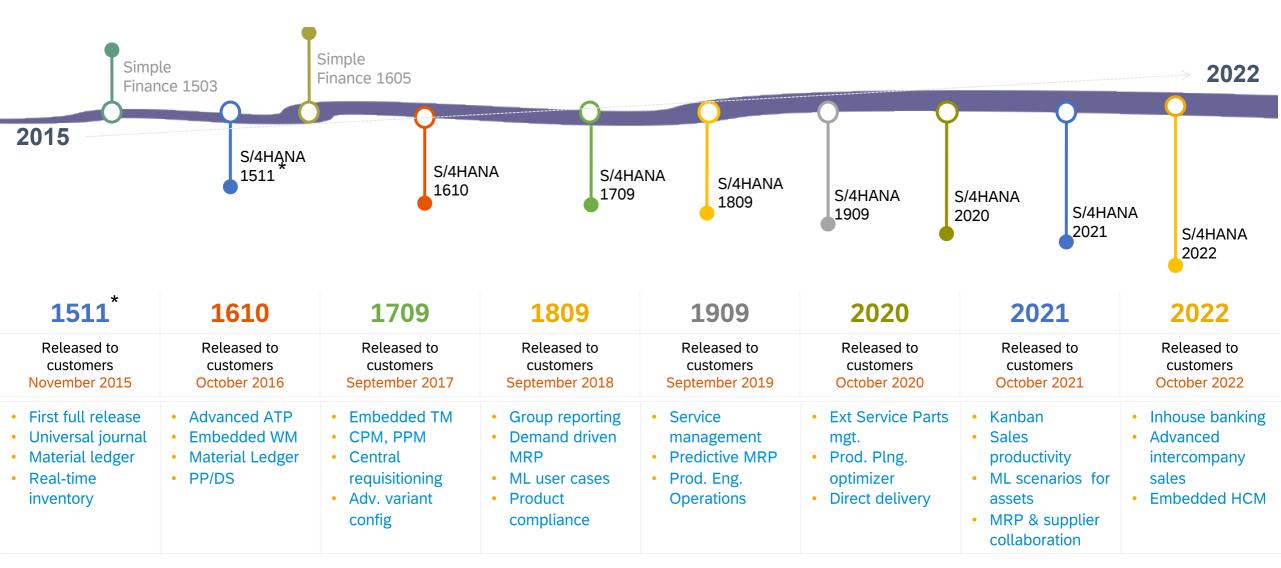








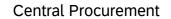
Journey to Date 8 Major Releases of SAP S/4HANA | Over 7000 Innovations



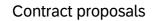
^{*} SAP S/4HANA Release numbers

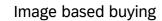
PROCUREMENT













SALES

Advanced interco

Sales Force Support

Settlement Mgmt.

International Trade

Intell. product proposal

sales

Real-time Inventory & TM Overview

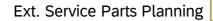
SUPPLY CHAIN



Embedded EWM & TM



Advanced ATP



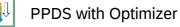


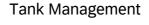
Post Goods Movement



MRP live/ MRP Cockpit

MANUFACTURING





Demand Driven MRP

Prod Engineering & Ops

Predictive MRP





Portfolio & Proj. Mgmt.



Product Compliance



Recipe Management



New VC Engine w. Simul.



Del. insights enabl. by IoT





SAP DMC

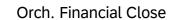


SAP Ent Prod Dev

FINANCE

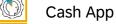
U-GL & Prediction







Compliance Framework



GR/IR Monitor

SERVICE

Service Overview



Service Management



Multi-C. Interact. Center



Solution portfolio



Quot. of Product Bundles



Service Ticket Automation

ASSET MGMT.

SAP IBP



Maintenance Overview



Geographical Framework



Rep. & Repair Malfunction



Asset Mgmt. for resource scheduling

Enterprise Contract Mgmt.



Responsibility Mgmt.

CROSS



IoT Integration



RPA scenarios

Situation Handling



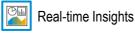


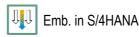
Key Industry function embedded inside (e.g. Automotive, Consumer, Retail. Mill. Prof. Services: Commercial Project Mgmt....)

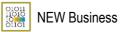


Re-architecture & improved functions (e.g. Chemicals, A&D, Oil Gas, Utilities...)

Details &restrictions...

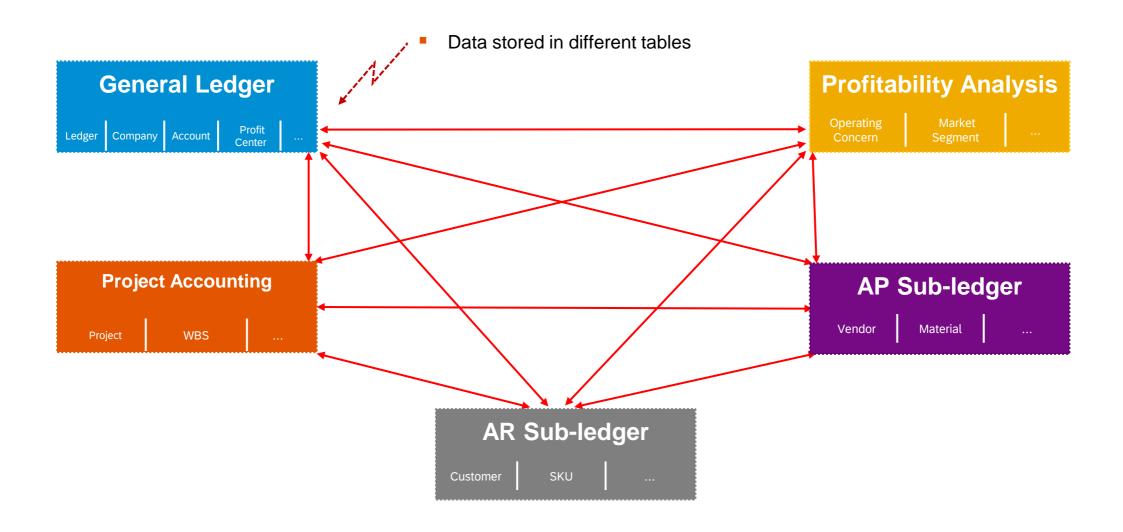






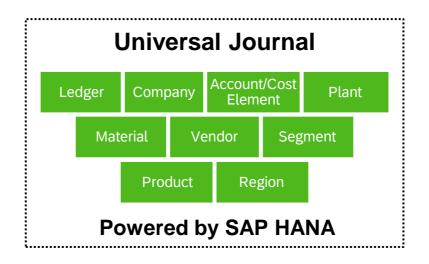


Traditional ERP- Siloed Data



S/4HANA Universal Journal for faster reporting & future proof processes

- No Sub General Ledger
 reconcil Ledger Company Account Profit Center ...
- Automatic intercompany reconciliations
- All details in one table
- Flexible Project Accounting
 Reporti
 Over 10
- Reduce GL accounts and Master
 Data by up to 90%

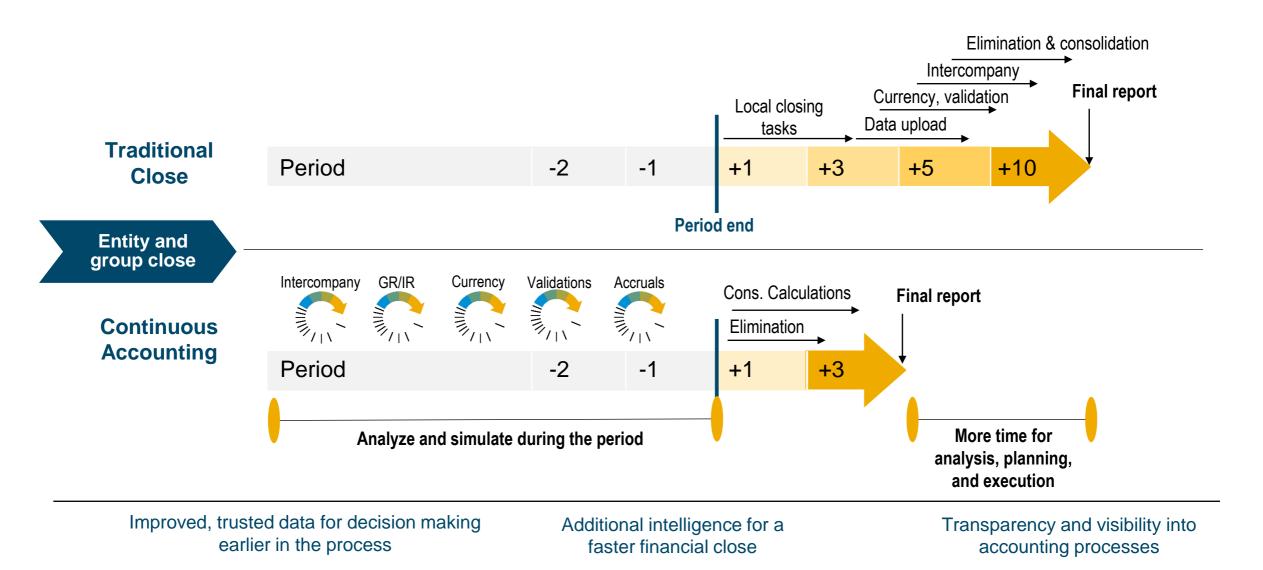




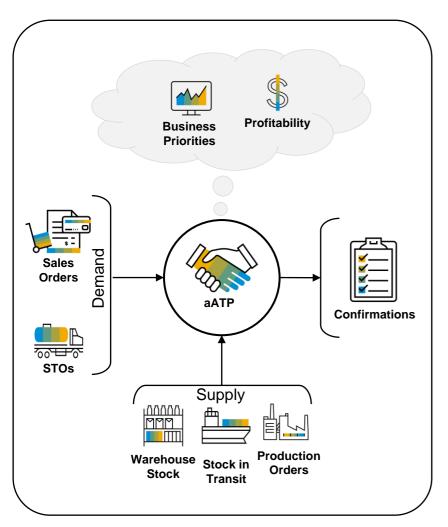




S/4HANA: Easier, faster reporting with higher quality data



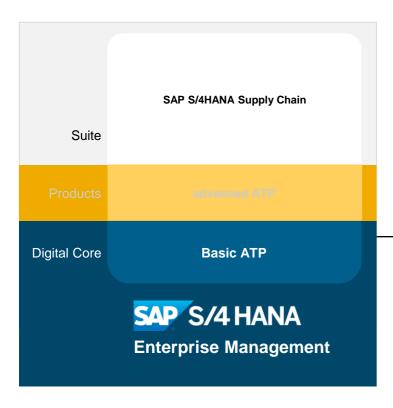
The Intelligent order promising – S/4HANA advanced ATP



As an important and integral part of the order fulfillment process, SAP S/4HANA advanced Available-To-Promise provides accurate and reliable order promise dates considering the relevant stock in real-time, while protecting companies' business priorities and profitability goals.



S/4HANA (basic) ATP and SAP S/4HANA advanced ATP



advanced Available to Promise (aATP)

- Mass enabled fast availability check
- Backorder processing with intuitive requirement classification
- Use-case-driven product allocation check
- FIORI App for Release for Delivery
- Intelligent and automated selection of best confirmation considering alternative plants and substitutable materials
- Review Availability Check Results
- Supply Assignment to ensure guaranteed delivery
- Supply Protection for key customers during short-supply
- Advanced transportation scheduling (integration with SAP TM)
- Capable to Promise functionalities (integration with Production)

Faster, Simpler and More Intelligent Order Commitment

Available to Promise (ATP)

- Product availability check
- Basic allocation check
- Manual material determination
- Semi-manual plant substitution
- Material-/plant-based Backorder processing for sales orders (rescheduling)
- Simple transportation and shipment scheduling based on days (and hours)



Artificial Intelligence Technologies in SAP S/4HANA



Harnessing the power of artificial intelligence technologies across business processes

- assist user with access to peer for guidance and interaction or smart support with automated conversational bot
- automate standard processes via recorded transaction to execute repetitive and time consuming tasks automatically going forward
- learn from customer specific history and exceptions to predict, support steps, automate, or optimize business user decisions
- provide insights to real-time sensor data to facilitate and improve existing business processes and allow business users to take pro-active decisions

Interact

Conversational AI (CAI)

Chatbots to interface and hand-over to execution bot



Execute

Intelligent RPA

Multiple bot workflows for execution (attended + unattended)



Optimize

Machine Learning (ML)

Self-learning bots and applications with dynamic adaptability



Connect

Internet of Things (IoT)

Sensor data to give more transparency in business processes



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Cloud ERP for Every Business Need



SAP S/4HANA Cloud, public edition

Ready-to-run cloud ERP that delivers the latest industry best practices and continuous innovation.

SAP S/4HANA Cloud, private edition

Tailored-to-fit cloud ERP that adapts to your organization's unique transformation.

Run on the industry standard Standard processes Always on latest Full SaaS model Standard processes Business processes Business processes Tailored processes At own pace Speed of innovation Desired cloud service Shared control

PUBLIC 26

SAP S/4HANA Cloud Cloud ERP for every business need

SAP S/4HANA Cloud, public edition

Rapidly run on the industry standard

New Implementations with data migration

Pre-configuration delivered based on SAP Best Practices

SAP manages the application lifecycle and ensures public cloud standards by governing the technology layer and providing access via APIs

Offers the **lowest TCO** due to shared infrastructure model and adherence to solution and configuration standards

Achieve rapid implementation times by employing a prescriptive fit-to-standard approach, adopting the pre-configuration, tools and methodology delivered by SAP. *

SAP S/4HANA Cloud, private edition

Run on your own standard

Conversion of existing ERP systems or **New Implementations** with data migration

Pre-configuration optional and can be applied if needed

Customer controls the application lifecycle and SAP provides access to the underlying code and accommodates the migration of custom code and code modifications

Offers **low TCO** based on economies of scale, but **dependent on customer**'s adherence to a move (back) to standard approach

Achieve rapid implementation times by leveraging your existing investments in ERP and converting them to S/4HANA, building the foundation for innovation or by adopting a fit to standard approach based on SAP or partner models. *

^{*} SAP has a methodology called SAP Activate which supports different use case and employed by Customers and Partners to streamline implementations with assets, tools and guides.

SAP S/4HANA Cloud Cloud ERP for every business need

SAP S/4HANA Cloud, public edition

Keep innovation moving

Always up to date

- Self-healing with automated patching as required during reserved weekly maintenance window
- Monthly CFDs (Continuous Feature Deliveries) with choice of adoption at customer discretion (no downtime)
- System Updates are performed twice per year on a defined schedule

Extensibility tools ensure a "clean core"

- · Key User extensibility
- Side by Side extensibility with Business Technology Platform.
- In-App developer extensibility offered with the SAP S/4HANA
 Cloud ABAP Environment* ensures that customizations do not impede the core upgrade process.

Delivered with a 3 system landscape with tools to manage additional parallel systems** for complex projects

Offered in SAP approved data centers selected by SAP for your region

SAP S/4HANA Cloud, private edition

Keep the control

Updates are in customer control

- Downtimes and patch application at customer discretion
- **Upgrades are offered once a year** and at customer's discretion (as long as they are running a supported release).

Fully Extensible

- · Key User extensibility
- Side by Side extensibility with Business Technology Platform.
- In-App development offered with the ABAP workbench
- Customer can decide whether to follow the guidelines to keep the core clean, but code modifications permitted

Delivered with a 3 system landscape with the ability to add additional systems as needed for a flexible architecture. ***

Runs on SAP data centers or certified hyperscalers of choice ***

- * The SAP S/4HANA Cloud ABAP Environment released with 2208 offers customers and partners the opportunity to develop applications within S/4HANA Cloud and interact with the core application/data via APIs
- ** roadmap item 2023
- *** base option delivered with a 2 system landscape on SAP DC

Quick Links



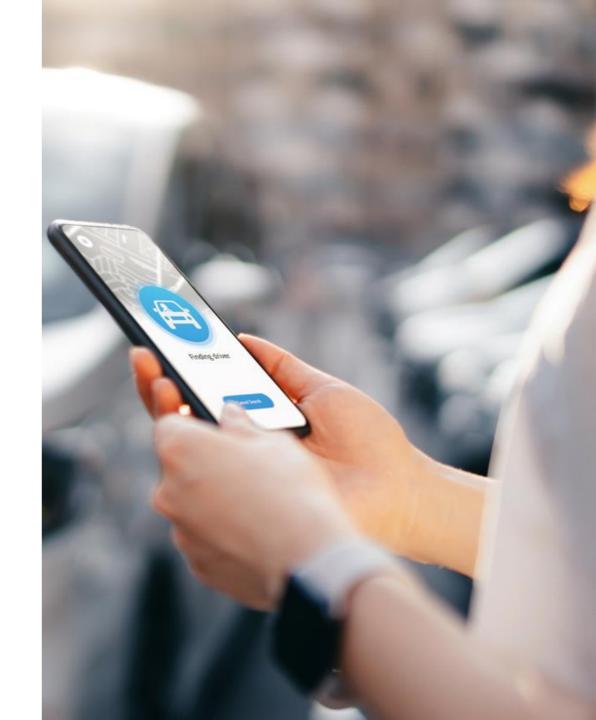
The Future is NOW | Learn more about SAP S/4HANA Cloud (flippingbook.com)



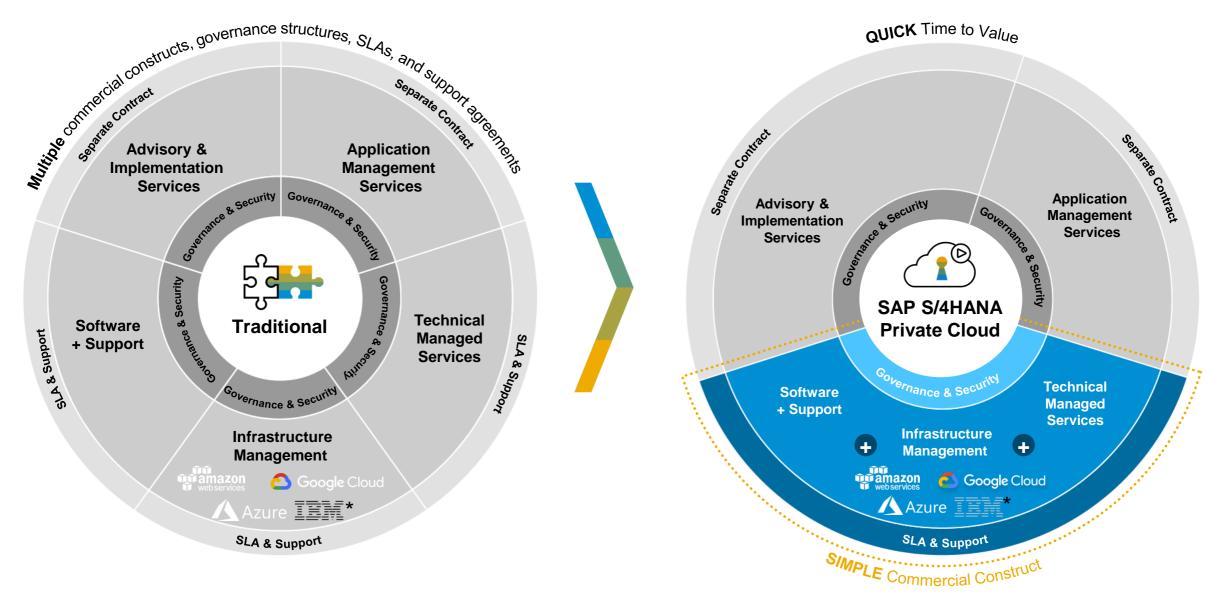
Ready-To-Run Customer Flipping Book

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One Commercial Construct: ERP, Infrastructure, and Technical Services



Roles & Responsibilities Matrix ensuring Single Accountability

		+ -	Component	
Business Process Management	Business Context	=	Post Production Functional Application Support	Customer or SI
	Break fix / Problem	Optiona	Application Break fix	Customer or SI
Functional Application Management	Resolution	_ O	Change Management, Configuration, Integration, Security, Application Monitoring, and Execution Management	Customer or SI
	Application Functionality			
Technical Application Management	Technical Layer of SAP Application		SAP Basis Services: Including DB Administration, Installation, operations, updates, patching and SAP Monitoring. Client 000 Basis Support (Alert & Ticket Based)	SAP
	Database	თ	SAP System transport management system set up and configuration	SAP
	Operating System	P Cloud Services	System Build & Application Deployment based on SAP HEC Reference Architecture	SAP
IT Infrastructure Management	Compute, Storage, and Virtualization	AP C	Technical Application Support Packages, IaaS, OS, DB for managed systems	SAP
	Internal Networking	SAF Core	Application Uptime SLA	SAP
	IT Infrastructure		Named Resources for Operational Support & Engagement Planning	SAP
	Management		Disaster Recovery service, Backups, monitoring, capacity reporting	SAP
Completely managed by customer OR SAP	Managed by SAP		Platform Services (IaaS, NFSaaS, etc.)	SAP
	•		Physical Security and IaaS Networking	SAP
			Data Center, Power, Cooling, and Facilities	SAP

SAP Basis Changes



No longer needed

No access to client 000 (If needed, request service request for access)

- No access to maintain STMS configuration
- No access to view standard 000 configuration

No operating system access to SAP instances

No SYSTEM access to HANA DB.

Backups and restores no longer managed by basis team

SAP installations and upgrades

Installations of SAP and third Party add-ons and plug-ins

SAP and Database restarts



Still need to do

SAP_ALL - All available transactions codes are still available

Develop SAP Client strategy

Develop change management process and manage transports

SAP Security maintenance and support

SAP Fiori activation and support

SAP BTP administration and management

Manage SWF5 switch framework

Applying SAP notes

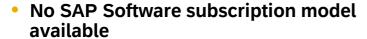
Performance tuning

SAP Profile maintenance

HANA DB user is created for customer HANA tenant.

SAP S/4HANA Cloud, private edition

Hosted Infrastructure



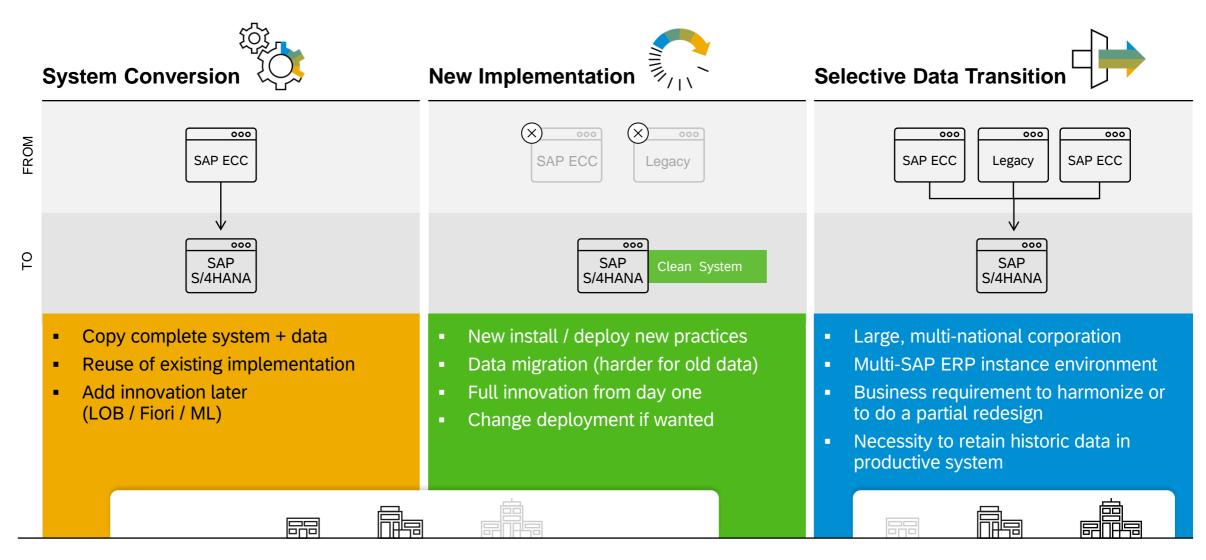
- Many involved parties require additional governance
- Infrastructure level SLA(s) only.
 SLA shared among multiple vendors
- Hosting provider only manages the physical infrastructure up to the virtualization layer
- No SAP reference architecture –
 customers must devote project time in
 blueprinting phase to topics such as Security,
 Infrastructure, Backup, HA/DR, Networking
- No SAP engagement lead for individual communication and support
- Longer time to problem resolution
- Added Risk

RISK & TCO

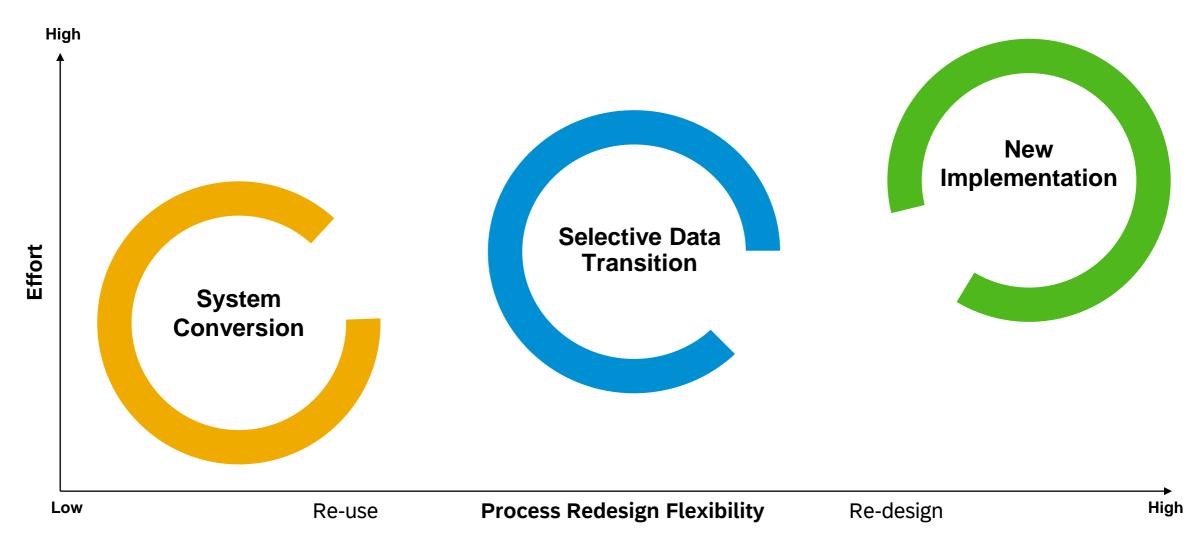
SAP S/4HANA Cloud, private edition

- One contract, one subscription for SW License, Infrastructure, Technical Managed Services
- Private SAP Managed Cloud designed for mission critical SAP enterprise solutions
- End to End SLA for entire solution stack
- Full stack cloud application services
- SAP reference architecture
- SAP engagement lead for individual communication and support
- Faster time to problem resolution
- Business Continuity
- Reduced Risk

Implementation Options



Level of Effort



RISE with SAP – A new Way of Working

Unique start

Customer Journey

Ultimate goal

SAP ECC customers

SAP S/4HANA On-premise customers

New customers



Accelerated ROI and Business Outcomes

Agile, Modern and Modular ERP Landscape

Continuous Innovation

RISE with SAP brings together what you need to move from ECC to S/4HANA – regardless of your point of departure or how fast you want to move.

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Starting Your Journey

SAP Provided Tools

- Business Process Discovery
- SAP Readiness Check 2.0
- Sizing & User Notes

Next Steps

- Value Exploration Workshop (ERP Simulation)
- Business Process Discovery Review



How to build your case for SAP S/4HANA?

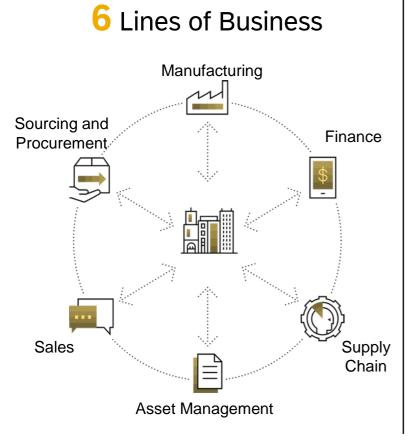
Business Process Discovery

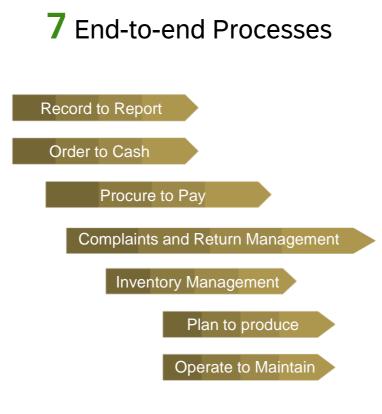


Process Discovery helps business executives understand the value of moving to SAP S/4HANA and intelligent technologies.

12 optimization goals for 6 lines of business across 7 end-to-end processes

Business Process Discovery





12 Optimization goals



Reduce finance costs
Reduce procurement function cost
Reduce complaints and return costs
Reduce total manufacturing costs
Reduce asset data management cost



Reduce G/L efforts and financial closing time Reduce days sales outstanding Reduce days in inventory Reduce unplanned downtime or outage



Improve on-time delivery performance Accelerate manufacturing cycle time



Increase sales force efficiency

~80 process performance metrics selected out of a <u>set of 1300+ readily available KPIs</u> in SAP Solution Manager, supporting the need to MOVE to SAP S/4HANA, collected from the customer's SAP ERP systems and benchmarked against peers (3000+ data sets per January 2021).

Start

Reports

oo Activity Viewer

Recommendations

Start

Business Process Discovery

Aug 2019 → Jan 202

Top Opportunities to Improve









Top Performance



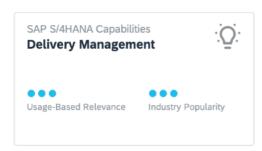






Top Recommendations

View All









SAP Readiness Check – Key Features

SAP Readiness Check

Features

Financial Data Quality

Simplification Items

Compatibility Scope Analysis

SAP S/4HANA Sizing and Data Volume Management

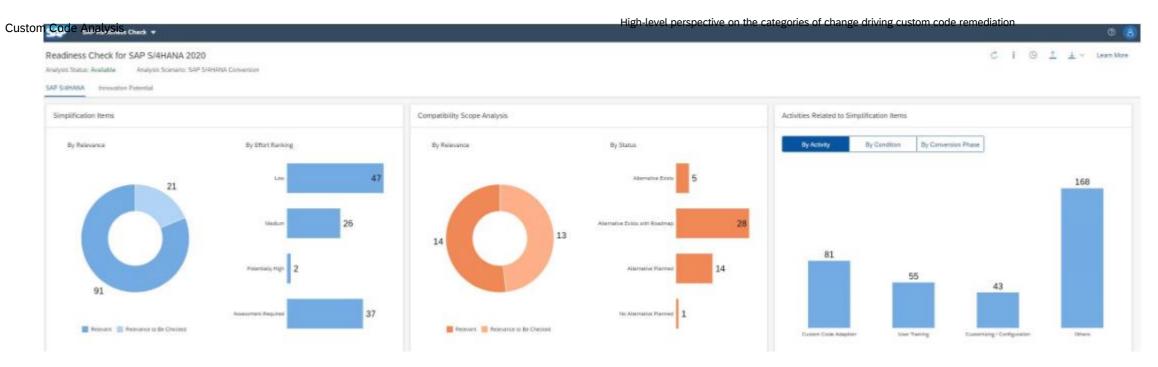
Insights

Asset & GL data quality and inconsistencies

Relevant simplification items for your specific ECC implementation

Will you still need any SAP ECC functions?

How much SAP HANA space needed now and future?



Next Steps -

Business Process Discovery — This site provides more information and includes a step-by-step guide on how to run the report.

https://launchpad.support.sap.com/#/notes/2745851

SAP Readiness Check - <u>This site</u> has more information and will take you through the steps involved. https://launchpad.support.sap.com/#/notes/2758146

Business Process Discovery Review – a workshop to review the process discovery report and determine where additional investigation is required

Value Exploration Workshop (ERPSim)

The Value Exploration Workshop is a business simulation that runs on a live SAP S/4HANA environment. Participants make real-time decisions by sharing information and collaborating, in a fast-paced competitive session.



Open and Customer Specific Sessions Available Participants interacting directly with a live S/4HANA system

Virtual sessions

Customer Testimonials

"A fun way to get a first look at S/4HANA"

"Super experience"

"Great workshop to see the benefits of S/4HANA." Registration Page here.

Blog post with more details <u>here</u>.

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