Implementation Mindset Towards Intelligent Enterprise

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83895

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About the Speakers

Sobana Iyengar

- Director Digital Transformation SAP

- Digital Transformation solution adviser

Jerome Fausser

- Principal Digital Transformation SAP

- Digital Transformation solution adviser

Key Outcomes/Objectives

1. Mindset towards the Intelligent Enterprise

2. Drive transformation through value and innovation
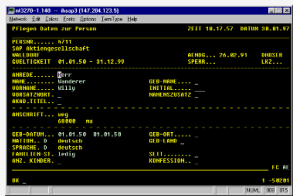
3. Tools to succeed

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Agenda

- S/4Hana timeline and analogy

- Design Thinking to drive innovation

- The Intelligent Enterprise

- Transformation journey

- Tools to succeed

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Transformation Mindset Towards Innovation

"Learn from People, Find Patterns, Design Principles, Make Tangible and Iterate Relentlessly"
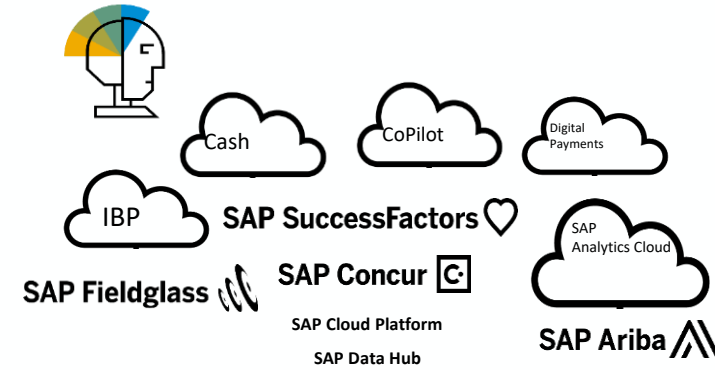
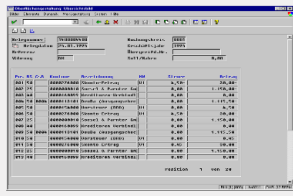SAP R/2
Mainframe

SAP R/3
Client/Server

SAP ERP
www / mysap.com
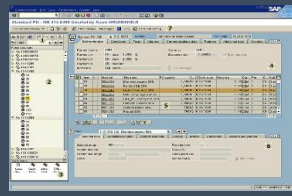
SAP Hana
In Memory
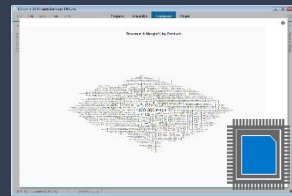
Suite on HANA
TX/ Apps on Hana
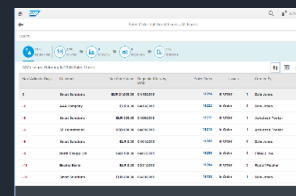
SAP S/4 HANA
The Digital Core
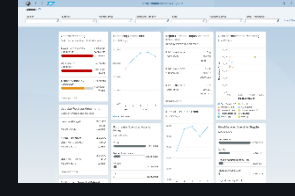
Intelligent Enterprise
(IoT, ML, BC)

1972   1992   2004   2011   2013   2015   2019

Technical updates only

Transformation!!

An Analogy:
Digitalization is transforming your System of Record

How to design the best content to optimize technology?
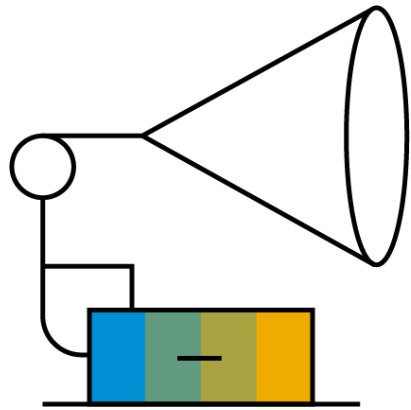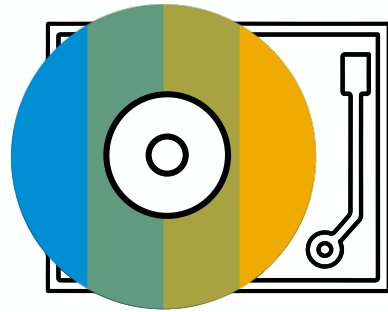
1880s   1960s   1980s   2000s   2010s   2020s

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Design Thinking as a process for innovation

A five-phase description of the design innovation process is described by Plattner, Meinel and Leifer as:

- *(Re)defining the problem,*
- *Need-finding and benchmarking,*
- *Ideating,*
- *Building,*
- *Testing*.

The process may also be thought of as a system of overlapping spaces rather than a sequence of orderly steps: inspiration, ideation, and implementation.

Projects may loop back through inspiration, ideation, and implementation more than once as the team refines its ideas and explores new directions.

Desirable
Human Factors

Viable
Business Factors

Feasible
Technology Factors

The Intelligent Enterprise Framework

Customer Experience

Manufacturing & Supply Chain

Digital Core

People Engagement

Network & Spend Management

Intelligent Suite

Intelligent Technologies

AI/ML | IoT | Analytics

Digital Platform

Data Management

Cloud Platform
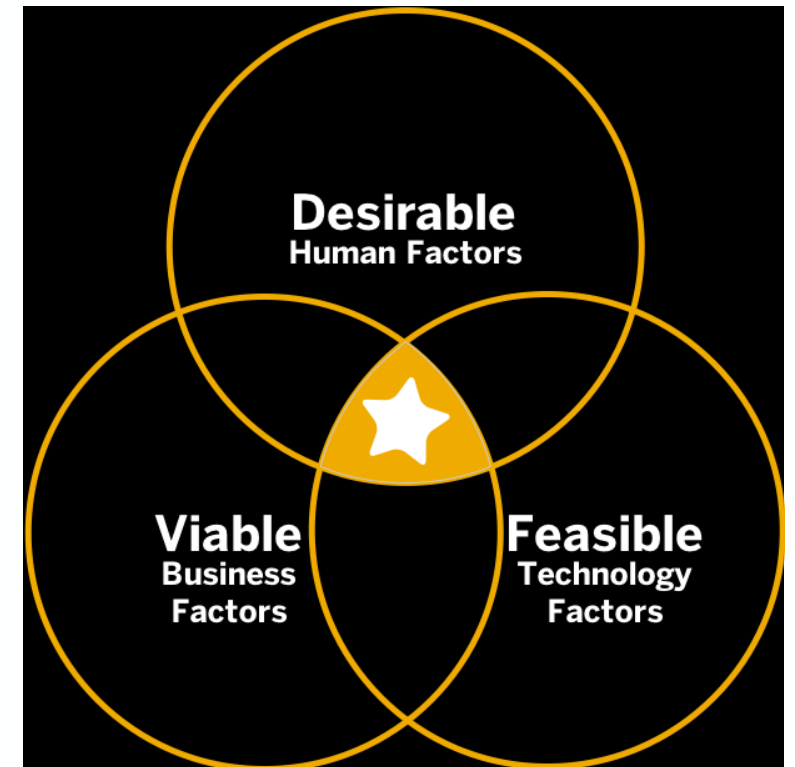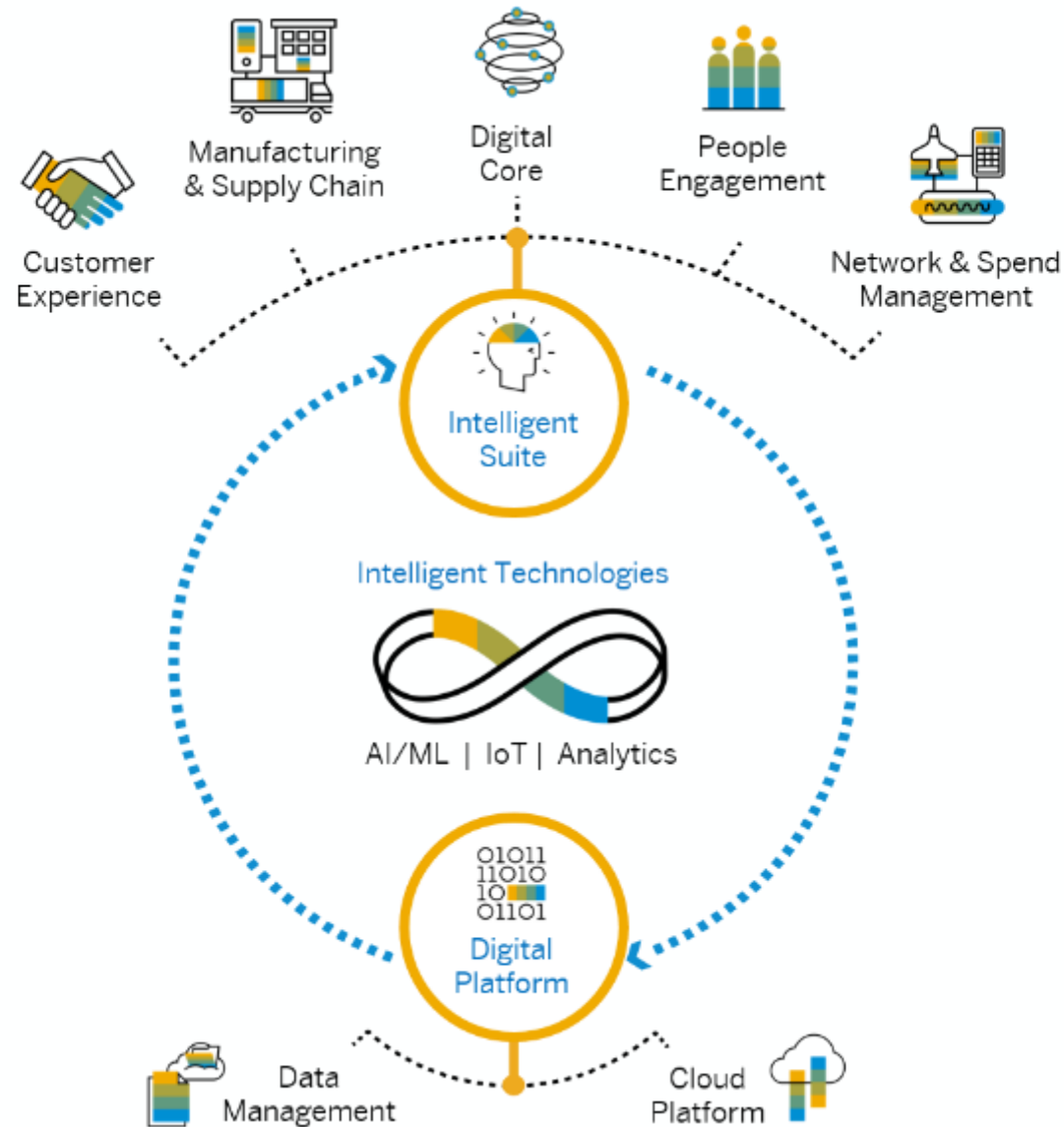
THE INTELLIGENT ENTERPRISE features 3 KEY COMPONENTS:

1 Intelligent Suite

2 Digital Platform

3 Intelligent Technologies

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An Intelligent Suite delivers intelligence across value chains for every LoB

Digital Core

SAP S/4HANA

SAP Manufacturing Execution

SAP Integrated Business Planning

SAP S/4HANA Supply Chain for Transportation Management

SAP S/4HANA Finance for Cash Management

SAP Employee Central

SAP SuccessFactors Performance & Goals

SAP Leonardo

SAP Predictive Maintenance

SAP Asset Intelligence Network

SAP S/4HANA Supply Chain for extended warehouse management

SAP S/4HANA Manufacturing for planning and scheduling

SAP S/4HANA Group Reporting / Consolidation

SAP SuccessFactors

SAP SuccessFactors Learning

SAP Fieldglass Contingent Workforce Management

SAP Fieldglass Services Procurement

SAP Sales Cloud

SAP Service Cloud

SAP S/4HANA for Advanced Variant Configuration
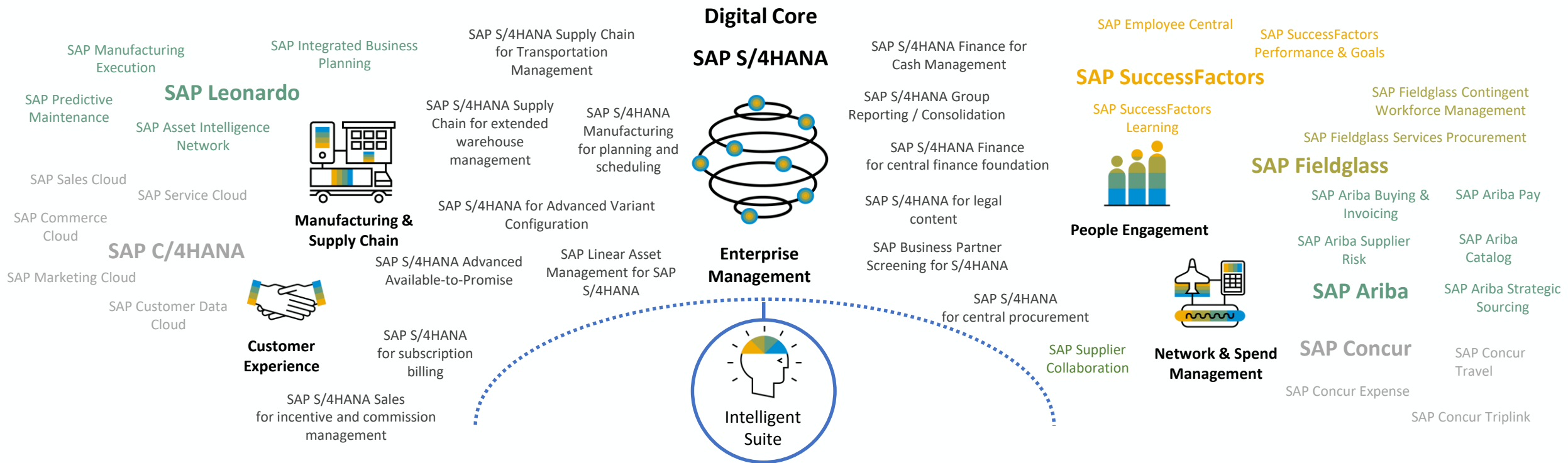
SAP S/4HANA Finance for central finance foundation

SAP Fieldglass

SAP Commerce Cloud

Manufacturing & Supply Chain

SAP S/4HANA for legal content

People Engagement

SAP Ariba Buying & Invoicing

SAP Ariba Pay

SAP C/4HANA

SAP S/4HANA Advanced Available-to-Promise

SAP Linear Asset Management for SAP S/4HANA

Enterprise Management

SAP Business Partner Screening for S/4HANA

SAP Ariba Supplier Risk

SAP Ariba Catalog

SAP Marketing Cloud

SAP Customer Data Cloud

SAP S/4HANA for central procurement

SAP Ariba

SAP Ariba Strategic Sourcing

Customer Experience

SAP S/4HANA for subscription billing

SAP Supplier Collaboration

Network & Spend Management

SAP Concur

SAP Concur Travel

SAP S/4HANA Sales for incentive and commission management

Intelligent Suite

SAP Concur Expense

SAP Concur Triplink

Integration | Business Objects | Master Data | Orchestration
25 Industries | All Countries

Out-of-the-box integration leveraging the **SAP Cloud Platform, SAP Cloud Analytics** with **SAP HANA** and **SAP Data Hub**

Best in class **UX** with **consistent experience** across the entire portfolio

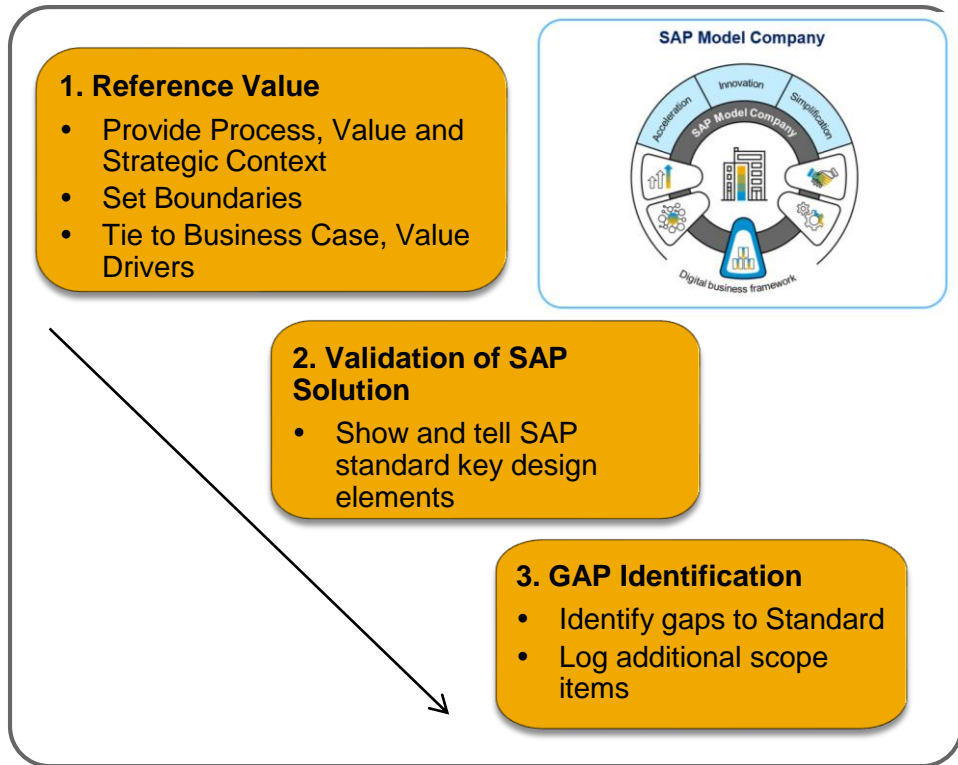**Modular**, making it easy to consume and cost-effective to operate

Easy to extend, allowing customers and partners to customize solutions quickly

Intelligence embedded in the applications making workflows smarter
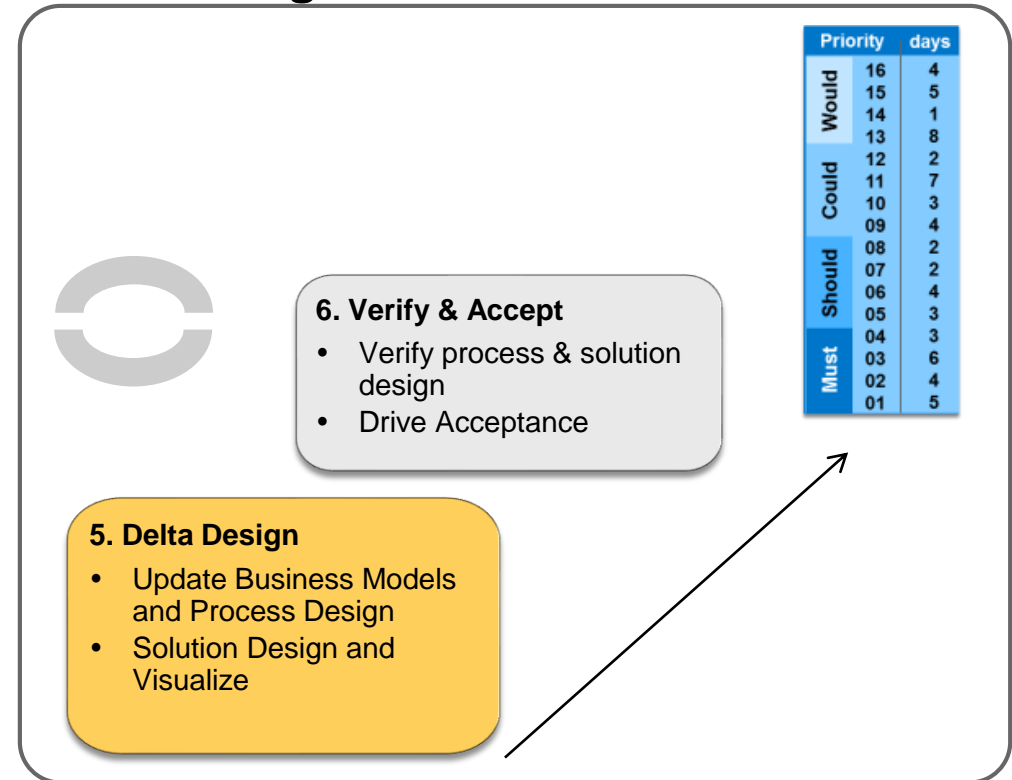
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Fit/Gap Workshops Approach

Workshop Type A
Solution Validation

1. Reference Value
- Provide Process, Value and Strategic Context
- Set Boundaries
- Tie to Business Case, Value Drivers

SAP Model Company

2. Validation of SAP Solution
- Show and tell SAP standard key design elements

3. GAP Identification
- Identify gaps to Standard
- Log additional scope items

Priority		days
Would	16	4
	15	5
	14	1
	13	8
Could	12	2
	11	7
	10	3
	09	4
Should	08	2
	07	2
	06	4
	05	3
Must	04	3
	03	6
	02	4
	01	5

4. Delta Scope Prioritization

Workshop Type B
Delta Design

7. Release & Sprint Planning

6. Verify & Accept
- Verify process & solution design
- Drive Acceptance

5. Delta Design
- Update Business Models and Process Design
- Solution Design and Visualize

Priority		days
Would	16	4
	15	5
	14	1
	13	8
Could	12	2
	11	7
	10	3
	09	4
Should	08	2
	07	2
	06	4
	05	3
Must	04	3
	03	6
	02	4
	01	5

S/4HANA Transition Path Comparison

Reusability

New Creation

Pure Brownfield

Pure Greenfield

System Conversion

Shell-Creation
Reuse whole existing ERP customizing as baseline & build new customizing on top *automated

Mix & Match
Reuse partially existing ERP customizing and mix/match with new customizing *manual + automated

Model Company + Best Practice

System Conversion

New Implementation

Hybrid / Landscape Transformation

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Architecture: Choose the destination that's right for you

SAP S/4HANA Cloud

SAP S/4HANA Cloud, single-tenant edition

SAP S/4HANA*

Business Process	Standardized, core ERP	Flexible, ext. ERP	Customizable, ext. ERP
Innovation Lifecycle	Quarterly	Semi-annual	Annual, customer-led
TCO	Lowest	Lower	Medium - Higher
System Governance	SAP-led	Customer-influenced	Customer-led
IT Infrastructure	SAP, public	SAP, dedicated	Customer-managed
Customization	Within Standards	Within standards	Open to modifications
Extension	PaaS, SCP	PaaS, SCP	Open, SCP
System Delivery	New implementation	New implementation	New or ECC conversion

*Private cloud managed by SAP & On-premise managed by cloud providers or customers

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SAP Readiness Check for SAP S/4HANA

Available for all customers free of charge, Customers can initiate their ERP system analysis, covering the most important aspects of an SAP S/4HANA system conversion. Minimum source release is SAP ERP 6.0 EHP 0, any database

AddOn's & Business Functions

- SAP AddOn's and Business Functions as well as 3rd party AddOn's have to be checked for their compatibility with SAP S/4HANA
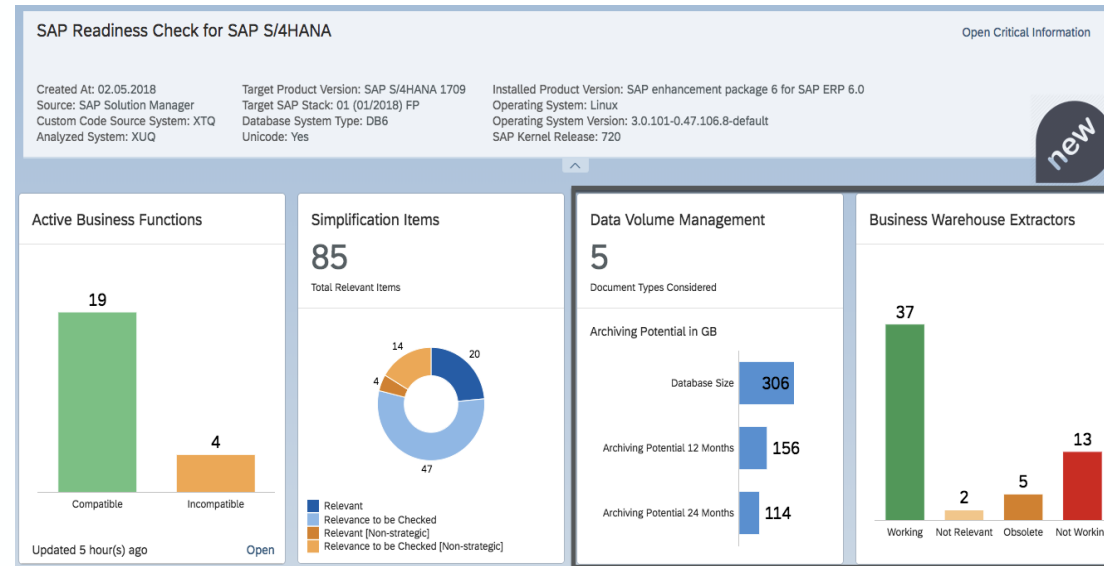- SAP software is listed and rated
- 3rd party software is listed only

S/4HANA Sizing

- To prepare for SAP S/4HANA, a system sizing is the baseline regarding the future target size
- SAP Readiness Check summarizes the technical sizing result so customers can discuss internally with SAP or partners the future target system size

Custom Code & Custom Dev

- Custom Code must be analyzed with respect to SAP S/4HANA compliance, based on the SAP simplification database
- SAP Readiness Check provides BOM of affected objects as well as SAP Custom Development Projects (CDP's)
- An in-depth custom code management activities to follow during project execution

Recommended Fiori Apps

- Fiori apps recommended based on the transaction usage history in the evaluated system

Transactions

- Evaluate use of SAP GUI transactions replaced or deprecated in SAP S/4HANA

SAP Readiness Check for SAP S/4HANA — Open Critical Information

Created At: 02.05.2018
Source: SAP Solution Manager
Custom Code Source System: XTQ
Analyzed System: XUQ
Target Product Version: SAP S/4HANA 1709
Target SAP Stack: 01 (01/2018) FP
Database System Type: DB6
Unicode: Yes
Installed Product Version: SAP enhancement package 6 for SAP ERP 6.0
Operating System: Linux
Operating System Version: 3.0.101-0.47.106.8-default
SAP Kernel Release: 720

Active Business Functions — Compatible: 19, Incompatible: 4. Updated 5 hour(s) ago.
Simplification Items — 85 Total Relevant Items (20, 14, 4, 47). Relevant / Relevance to be Checked / Relevant [Non-strategic] / Relevance to be Checked [Non-strategic]
Data Volume Management — 5 Document Types Considered. Archiving Potential in GB: Database Size 306, Archiving Potential 12 Months 156, Archiving Potential 24 Months 114
Business Warehouse Extractors — Working: 37, Not Relevant: 2, Obsolete: 5, Not Working: 13

Simplification items

- Simplification Items represent application or architecture changes in comparison to ERP
- They are grouped by business priority (e.g. Core Finance) and industry, respectively

NEW

- **Business Warehouse Extractors check** to show whether the SAP BW extractors in the customers' ERP system can still be used (SAP Note 2500202)
- **Data Volume Management check** to show the size of the archiving potential based on the top 30 database tables.

Customers who have already generated an analysis in the past, the only additional setup is to implement the data volume management note 2612179 and implement the latest version of 2310438. If the SAP Solution Manager is used , implement the latest version of 2190622 as well.
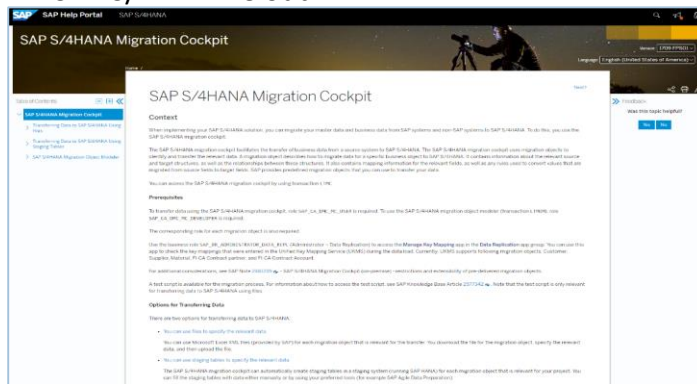
SAP S/4HANA Migration Cockpit

Speeding time to value

- **The next-generation data migration software embedded in SAP S/4HANA**
- Highly simplified for SAP applications as data sources
- Guided procedure takes users through the migration process: Easy and safe
- No programming by the customer required
- Flexible for integration of custom business data including data transformations
- Included in S/4HANA license and shipment
- Made for migrating data from SAP and non-SAP sources into SAP S/4HANA (on-premise) and SAP S/4HANA Cloud
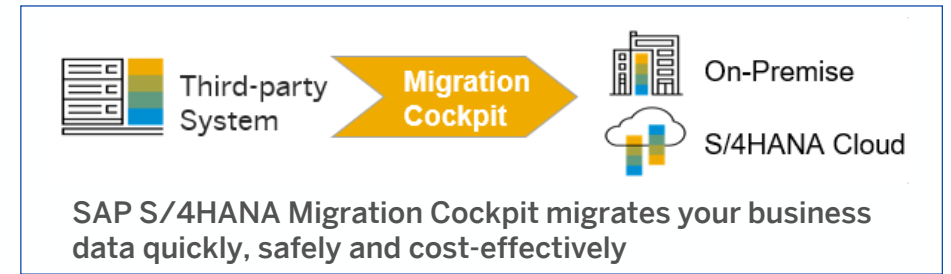
SAP S/4HANA Migration Cockpit migrates your business data quickly, safely and cost-effectively
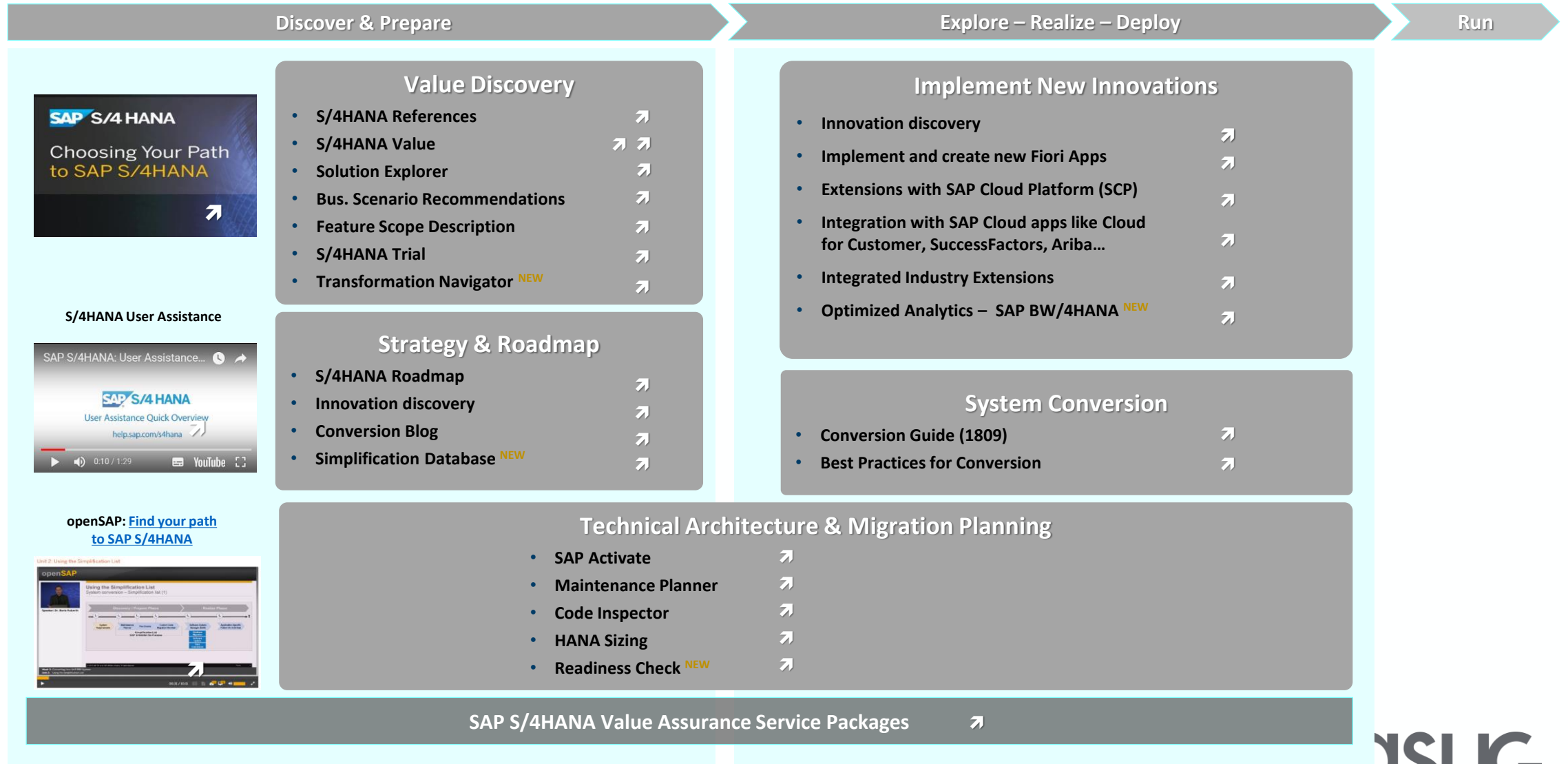
- **Further information**
  - Standard overview presentation
  - Migration Cockpit in SAP Community
  - 2481235 - SAP S/4HANA Migration Cockpit - restrictions and extensibility of pre-delivered migration objects
  - 2537549 - Collective note and FAQ for SAP S/4HANA Migration Cockpit

Select your required migration objects
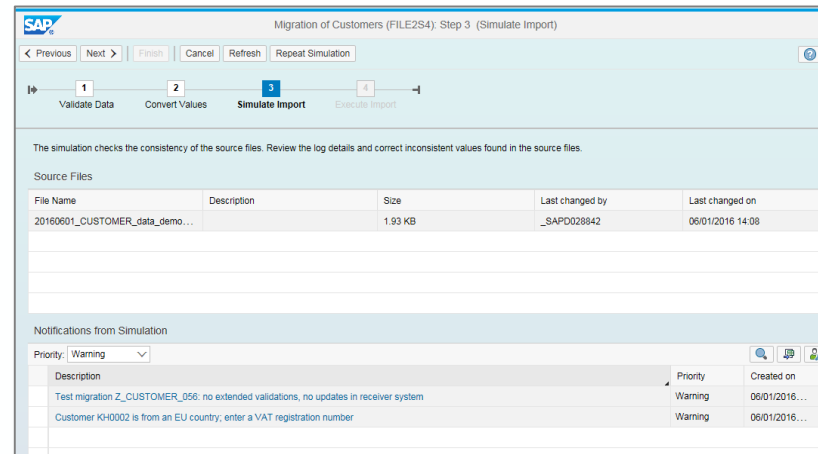
Step-by-step guidance through the migration process

Predefined SAP S/4HANA specific Migration Content facilitates and accelerates your data migration

- Preconfigured content and mapping for available migration objects, e.g. customers
- Predefined templates for each object
- Automated mapping between template and target structure
- Migration programs are generated automatically

- **Customer-Specific Migration Content** can be flexibly included

- Integration of customer-built objects
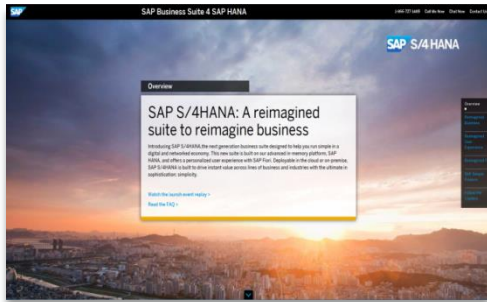- Customer-specific enhancements to SAP standard objects (e.g. add new fields)
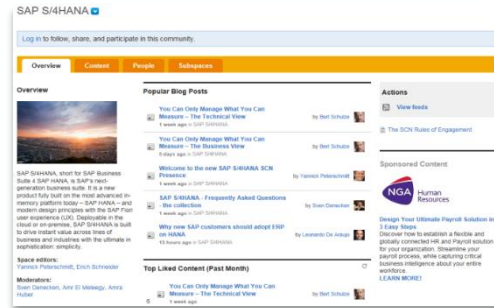
Transition to SAP S/4HANA

Discover & Prepare	Explore – Realize – Deploy	Run

S/4HANA User Assistance

openSAP: **Find your path to SAP S/4HANA**

Value Discovery

- S/4HANA References ↗
- S/4HANA Value ↗ ↗
- Solution Explorer ↗
- Bus. Scenario Recommendations ↗
- Feature Scope Description ↗
- S/4HANA Trial ↗
- Transformation Navigator **NEW** ↗

Strategy & Roadmap

- S/4HANA Roadmap ↗
- Innovation discovery ↗
- Conversion Blog ↗
- Simplification Database **NEW** ↗

Technical Architecture & Migration Planning

- SAP Activate ↗
- Maintenance Planner ↗
- Code Inspector ↗
- HANA Sizing ↗
- Readiness Check **NEW** ↗

Implement New Innovations

- Innovation discovery ↗
- Implement and create new Fiori Apps ↗
- Extensions with SAP Cloud Platform (SCP) ↗
- Integration with SAP Cloud apps like Cloud for Customer, SuccessFactors, Ariba… ↗
- Integrated Industry Extensions ↗
- Optimized Analytics – SAP BW/4HANA **NEW** ↗

System Conversion

- Conversion Guide (1809) ↗
- Best Practices for Conversion ↗

SAP S/4HANA Value Assurance Service Packages ↗

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Where to get more Information

Discover SAP S/4HANA

SAP Community

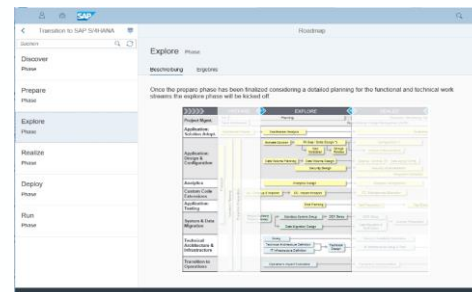**SAP S/4HANA, cloud edition trial**
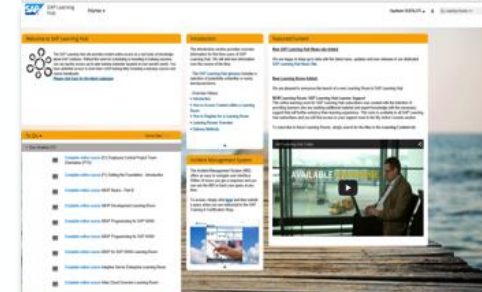
SAP S/4HANA, on-premise edition trial
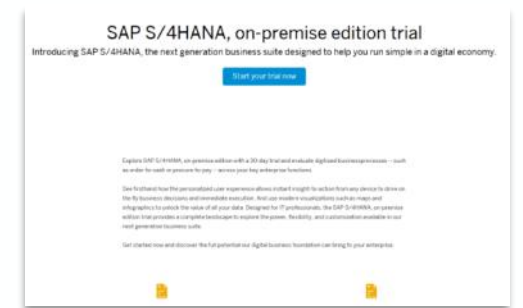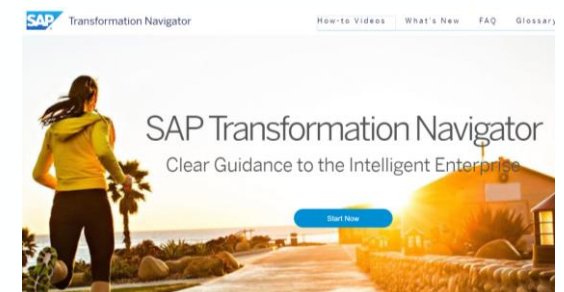

SAP S/4HANA Roadmap

Roadmap Viewer

Learn more: SAP Learning Hub

Transformation Navigator

Take the Session Survey.

We want to hear from you! Be sure to complete the session evaluation on the SAPPHIRE NOW and ASUG Annual Conference mobile app.

Presentation Materials

Access the slides from 2019 ASUG Annual Conference here:
http://info.asug.com/2019-ac-slides

Q&A

For questions after this session, contact us at Sobana Iyengar, sobana.iyengar@sap.com and Jerome Fausser, jerome.fausser@sap.com

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