A large, stylized, light blue letter 'G' graphic is positioned on the left side of the slide, partially overlapping the dark blue background.

# **Learnings From an Industry Leaders' Pragmatic ERP Conversion approach to SAP S/4HANA 2021**

# Agenda

1. Geberit
2. SAP@Geberit
3. S/4HANA pre project
4. S/4HANA migration project
5. Q & A



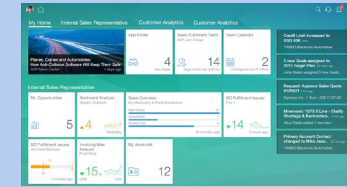
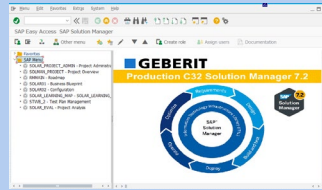
FOLIE 2

LEARNINGS FROM AN INDUSTRY LEADERS' PRAGMATIC ERP CONVERSION APPROACH TO SAP S/4HANA 2021  
SEPTEMBER 2022

# SAP Landscape

# Cloud

Clients



ALE

NW SSO

Web  
Dispatcher

Portal

SAP DQM

iMAM

ERP  
6.0  
EHP 8  
S/4 Finance

EWM  
9.4

ME  
MII  
15.4

Global  
HCM  
S/4 2020  
HANA

GTS  
6.0  
EHP 8

BW  
7.50  
BO

SEM-  
BCS

SolMan  
7.2

ADS

IDM

PO  
BC

NW  
Gate-  
way

SAP HANA 2.xx / Sybase / MaxDB

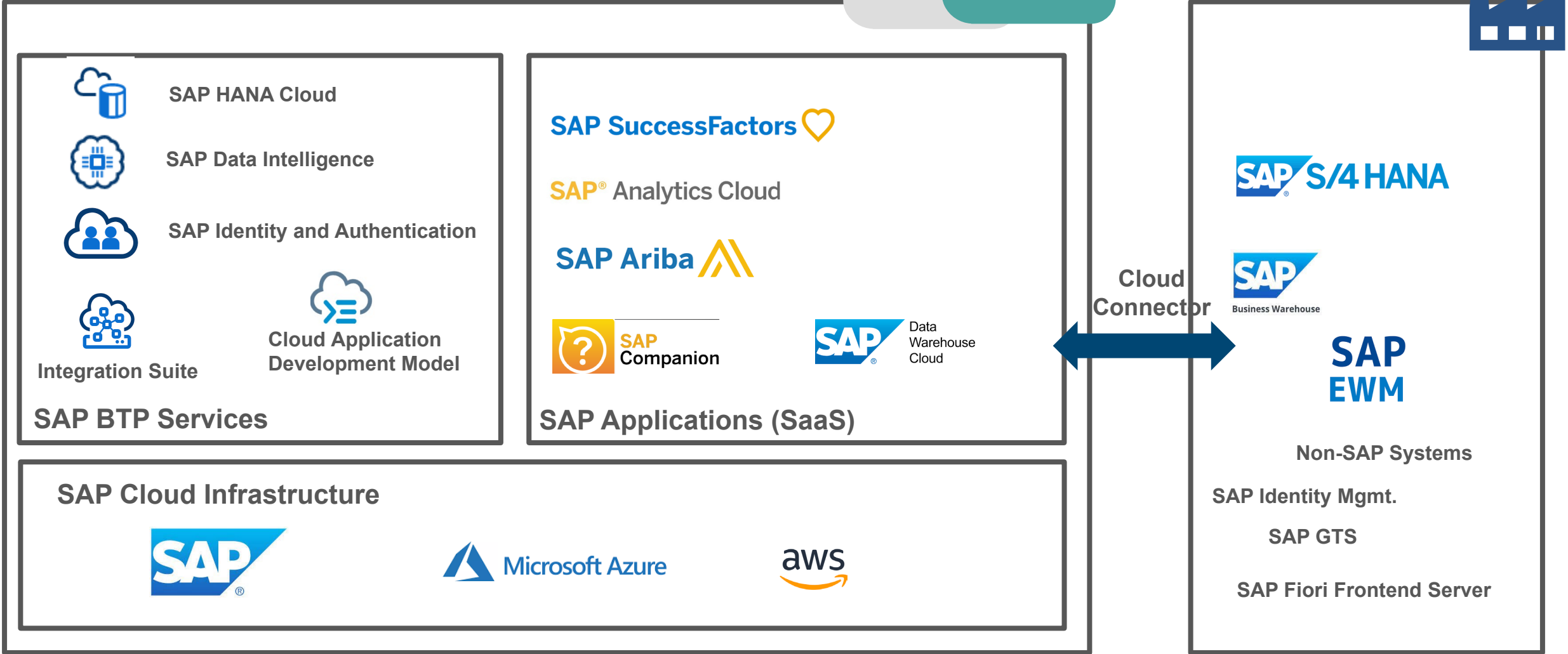
SAP Netweaver 7.50 / 7.51 / 7.53 / 7.55 / 7.81 / 7.85 auf Suse Linux 15.2

FOLIE 3

LEARNINGS FROM AN INDUSTRY LEADERS' PRAGMATIC ERP CONVERSION APPROACH TO SAP S/4HANA 2021  
SEPTEMBER 2022

**■ GEBERIT**

# Big-Picture – SAP BTP@Geberit



# SAP S/4HANA Transformation

## Preparation

## Functional Workshops

## IT & Roadmap Workshops

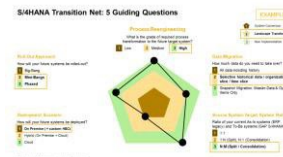
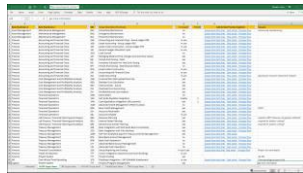
## Finalization

- Define **Scope**
- Information Collection “**One Pager**”
- ERP Readiness Check

- Define Business Scope

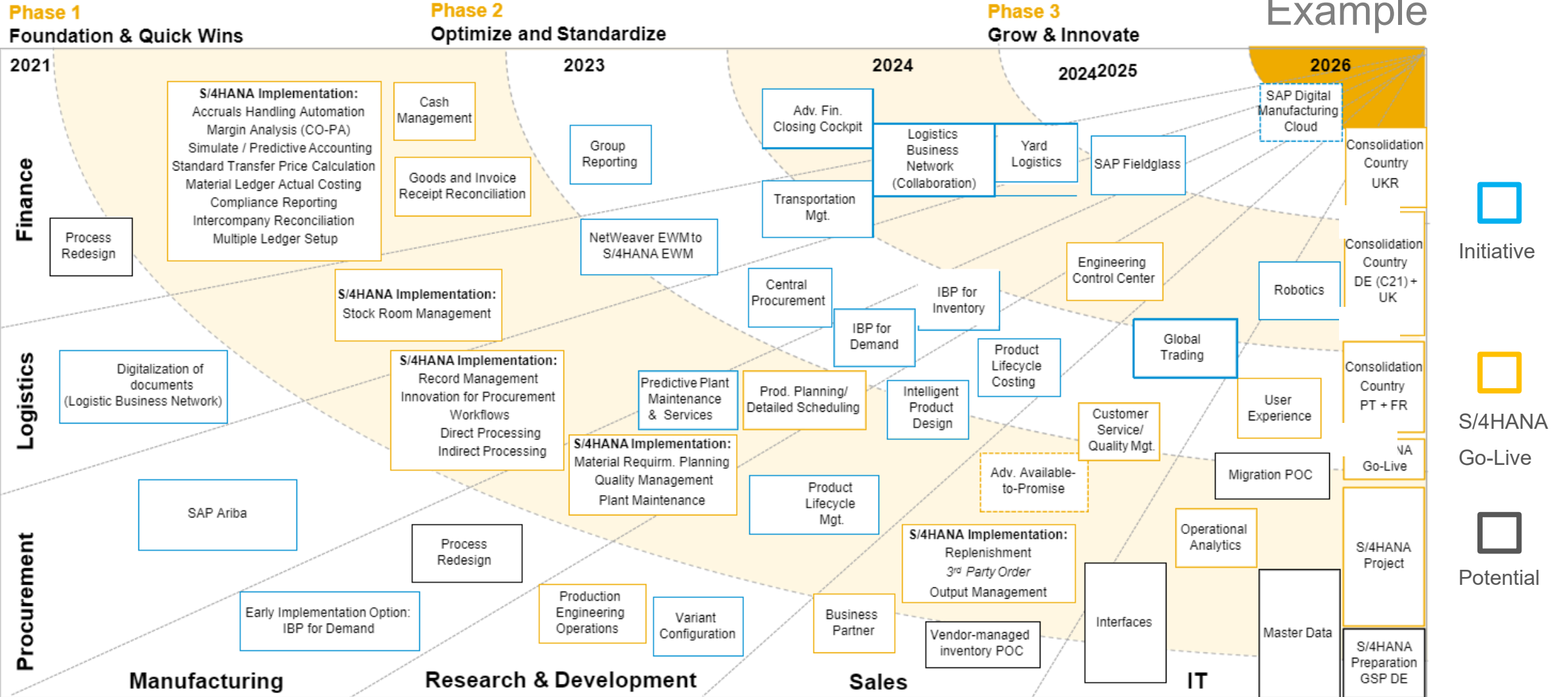
- Define the Target IT Architecture
- **Shell Conversion**
- **Classic Conversion**
- **Mix + Match**
- **Greenfield**

- Finalize the Results of the Workshops + IT Architecture
- => Board Presentation



„Brownfield“ Approach

# Sunshine Roadmap – „Our Way to the Future Landscape“



# SAP S/4HANA – Project Organization

<b>Steering Committee</b>
Management / CIO / CFO / CPO ...

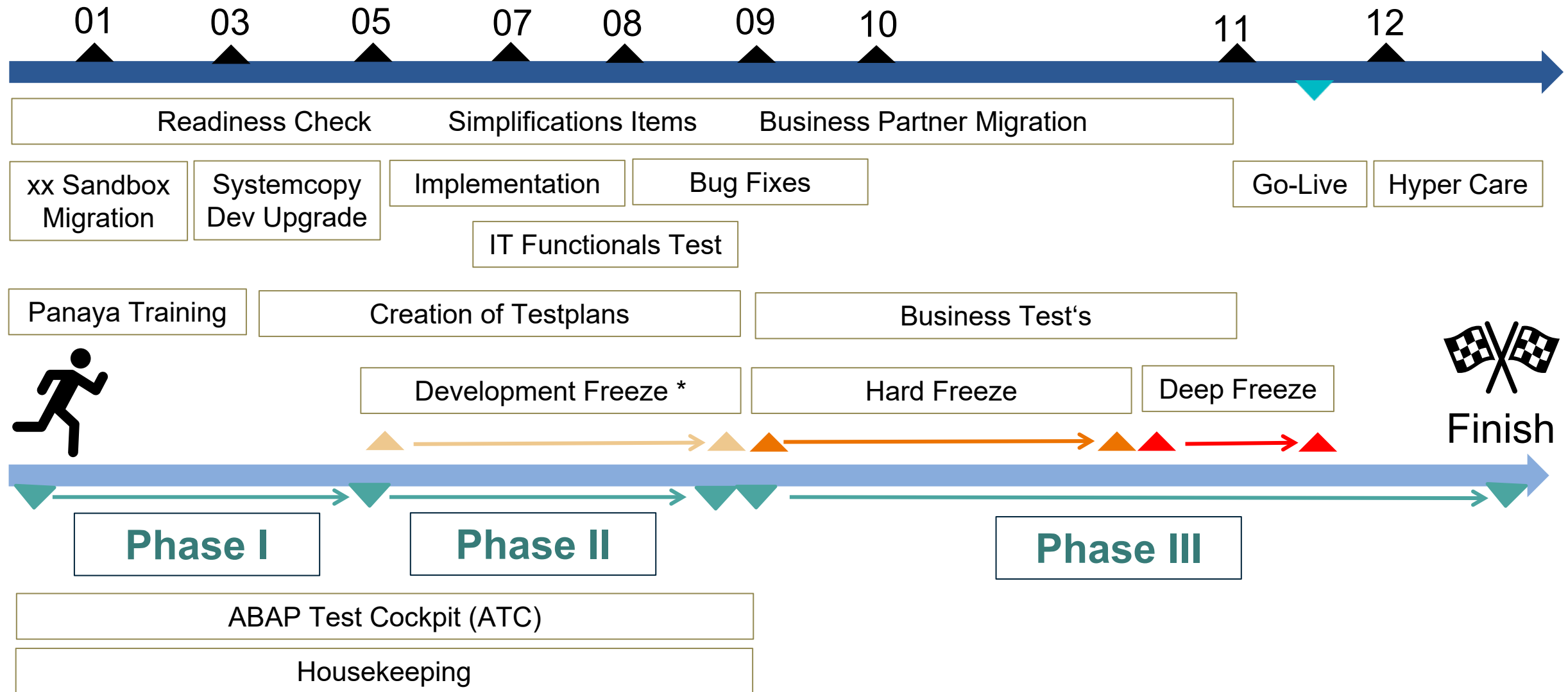
<b>Project Management</b>						<b>Project Leader - IT</b>					
<b>Sales &amp; Marketing</b> IT		<b>Operations</b> IT		<b>Product Mngt</b> IT		<b>Business Support</b> IT		<b>IT infrastructure Services</b> IT		<b>IT Application Services</b> IT	

<b>Sales &amp; EDI</b>	<b>Production &amp; SC</b>	<b>Product Mngt</b>	<b>Finance &amp; Controlling</b>	<b>Infrastructure</b>	<b>Basis</b>
IT Business	IT Business	IT Business	IT Business	IT	IT
<b>Distribution Logistics</b>	<b>Logistics</b>				<b>Interfaces &amp; Development</b>
IT Business	IT Business				IT
<b>After Sales</b>	<b>Purchasing</b>		<b>Analytics</b>		
IT Business	IT Business		IT Business		
<b>MDM</b>	<b>Quality</b>		<b>HR</b>		
IT Business	IT Business		IT / Business		

<b>Cross Topics / Work Streams</b>					
<b>Business Partner</b>	- IT	<b>SAP Architecture</b>	- IT	<b>Technical Infrastructure Design</b>	- IT
<b>Archiving</b>	- IT	<b>Integration</b>	- IT	<b>SAP Model &amp; Contract</b>	- IT
<b>Custom Code</b>	- IT	<b>Security Design</b>	- IT	<b>Communication Coordination</b>	- IT
<b>Test Management</b>	- IT				



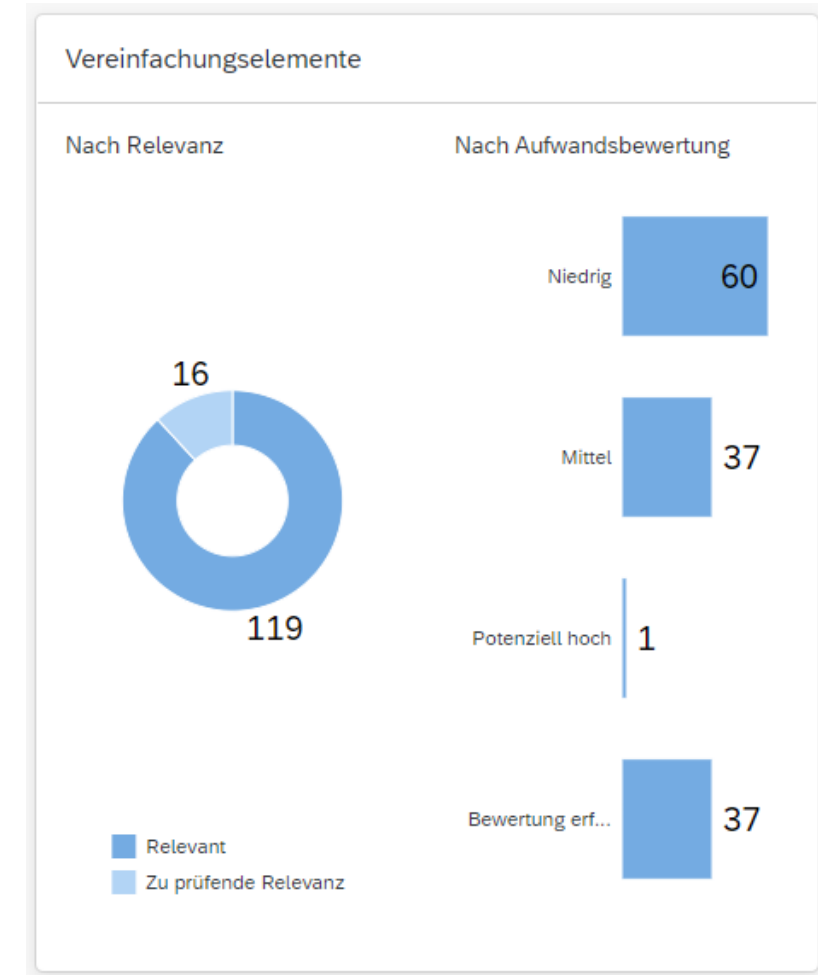
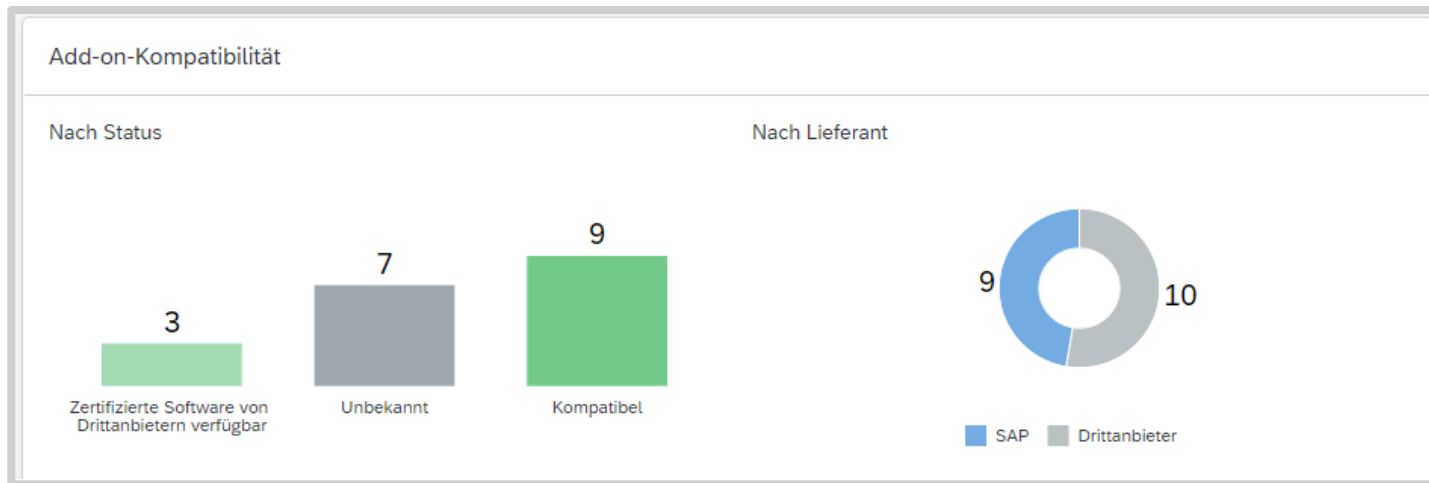
# Project plan





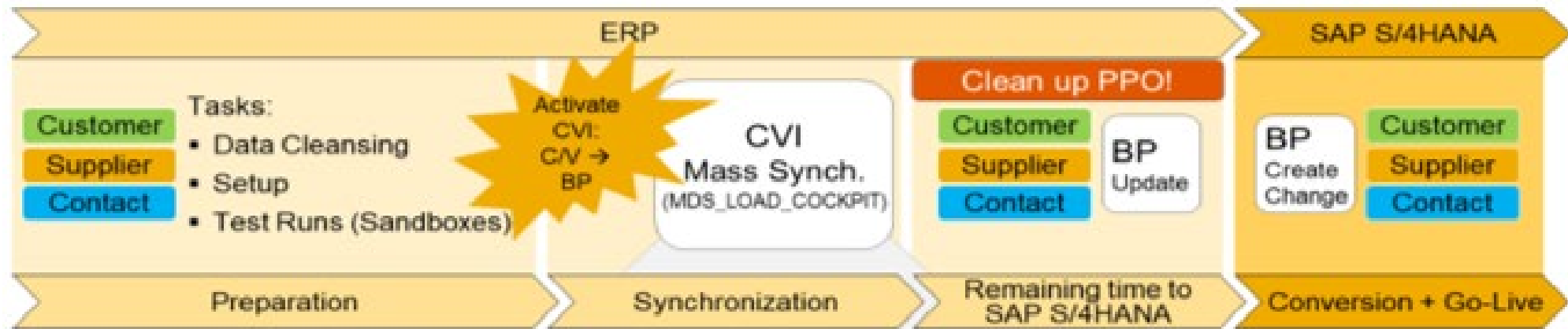
# Readiness Check

- Self-Service Solution to analyze the impact of S/4 to your system
- Helpful to define the scope of the migration
  - Combability of SAP Standard / Addons / Custom Code
  - Show Alternatives
  - Sizing / Simulation of Downtime Duration
  - Analyze of Data Integrity
  - Proposal for SAP Fiori Apps



# Business Partner Migration

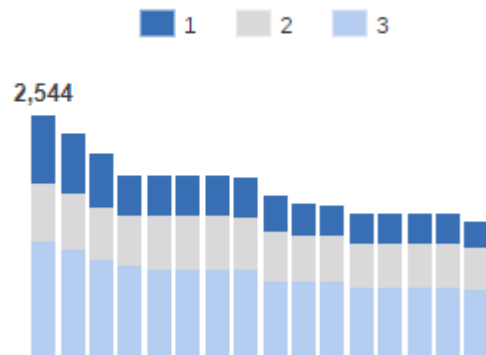
- Implementation before S/4HANA migration under SAP ERP 6.0 – no Business impact
- Allow plenty of time for data analysis / data cleansing
- Multiple execution on sandbox
- Training for business necessary (new transactions)
- Authorizations



# Custom Code Migration App / ABAP Test Cockpit (ATC)

- Only for Custom Code
- Available from S/4HANA 1809
- Unfortunately, no possibility to directly define "exceptions" as with the "ATC" transaction.
  - We have used "Exceptions" because in some cases no resolution was possible/necessary
- Built own SAC dashboard, for "BurnDown Chart" per department
  - incl. consideration of the "exceptions"
  - source view ( S/4HANA 2021) : SATC\_AC\_RSTIT\_DV

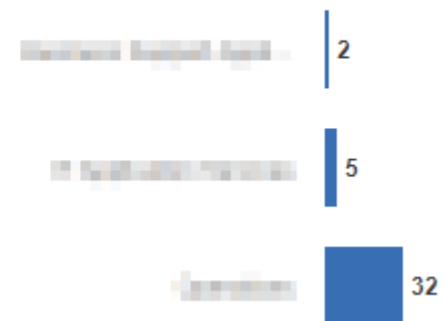
Number of Findings per Rundate



Findings per Area



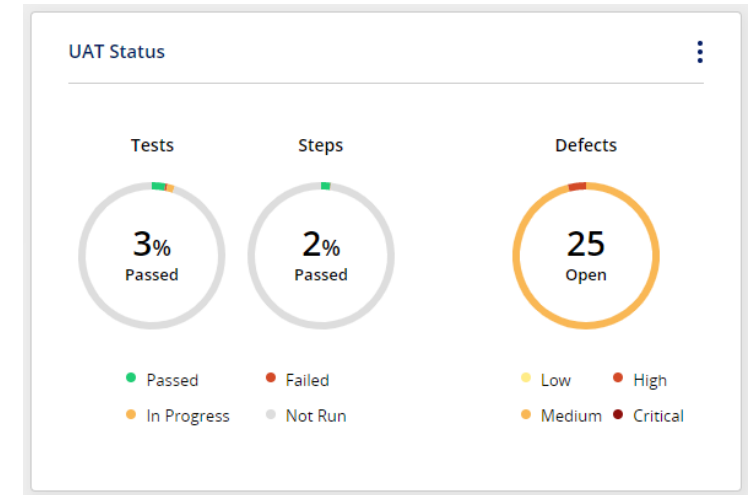
Objects per Area



# Panaya - Testmanagement

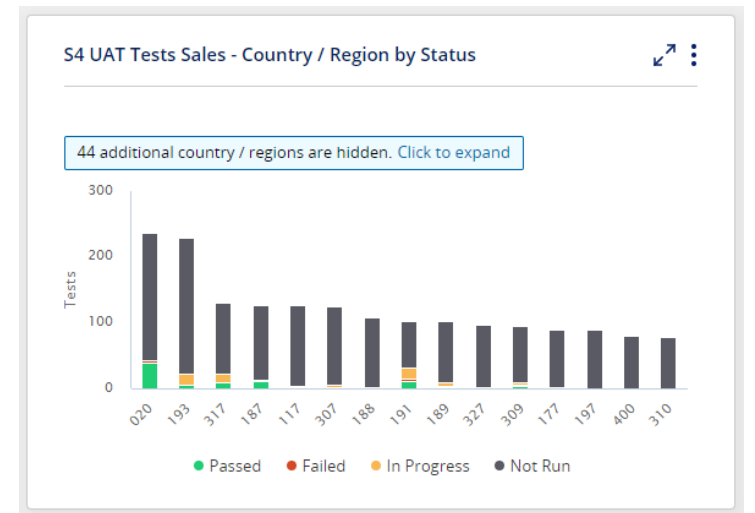


- Cloud
- Test Management with Documentation Recording
  - Error Handling (Defect Management)
- 2 Phase's
  - IT Functionals Test
  - Business Test
- Test plan upload with Excel, Forecast

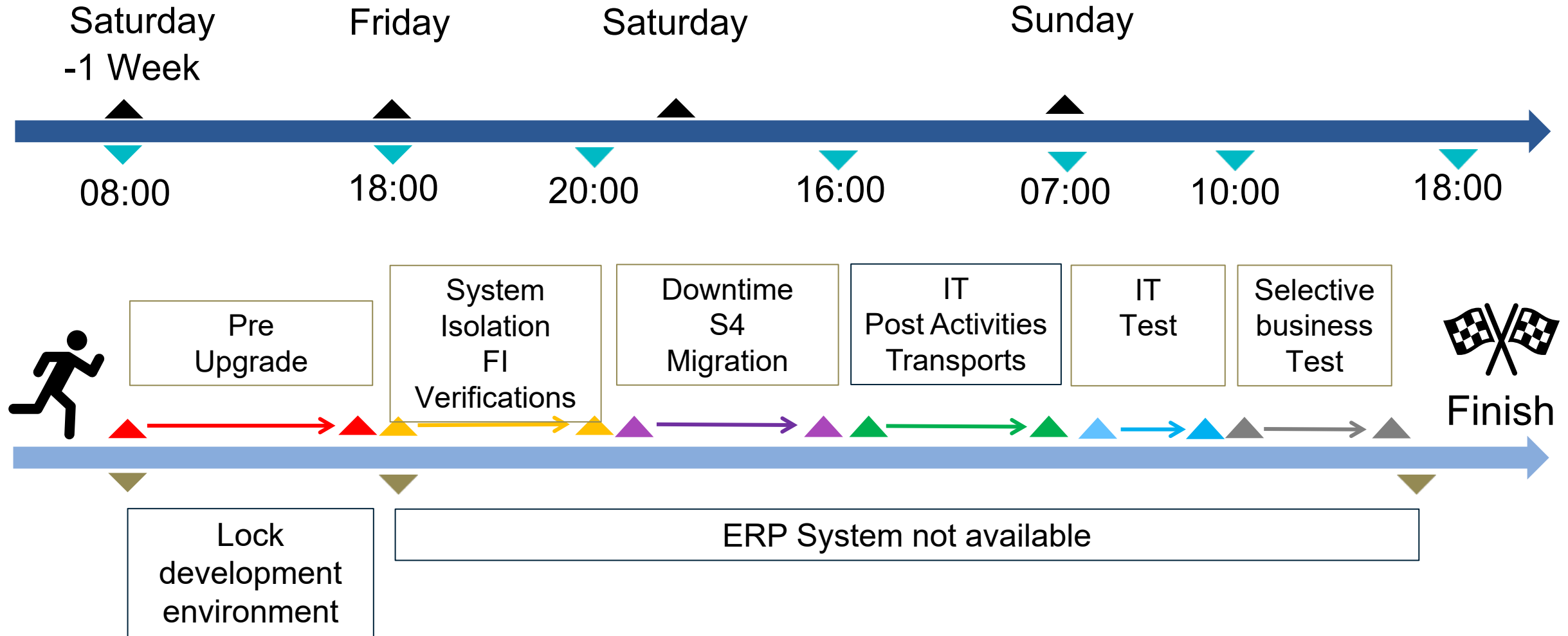


~ 700  
Tester  
World-Wide

~ 50.000  
Test  
Steps



# Time Schedule Migration Weekend



# Take Away- Key messages

- Take a look on the complete landscape and process is key for success
- Onboarding of Business is crucial for the success
- Early Check Addons, and discuss solutions/upgrade plans with supplier
- Migration through a normal weekend possible
- **High Quality of SAP Migration Tools**
- Detail analyze of migration errors necessary (Long post Phase)
- Security and Authorization should be considered carefully
- **Find a way through the “Jungle” of SAP Notes**



# Q & A



# Laufzeit der Migration

- S4Finance 1610 → S4HANA 2021 FP 1
- Datenbankgröße HANA: 2.2 TB
- Near Zero Downtime Methode im SUM



- Downtime:
 

Dialog Prozesse:	75
Batch Prozesse	75
- Gesamt:
 

SUM Uptime:	33 Stunden
SUM Downtime:	16 Stunden
SUM Postprocessing:	25 Minuten
- Längste Phasen:
 

Data Conversion (XPRAs):	10 Stunden
Inventory Management Migr.	2 Stunden

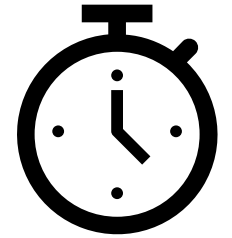
Applikation Server  
NW 7.50

HP DL560  
4 CPU  
112 Cores  
1.5 TB Memory



Datenbank Server  
HANA V2 SP 59

HP DL560  
4 CPU  
112 Cores  
4 TB Memory





# Daten Konvertierung - Obsolete Data Handling Tool (ODH)



- Tabellen Konvertierung in das neue SAP Daten Modell  
Beispiel: MKPF, MSEG → MATDOC
- Feld Änderungen
- Abhängig von der Applikation existieren unterschiedliche Regeln
  - Einige „alte Tabellen“ werden nicht mehr benutzt
  - Einige Felder von „alten Tabellen“ werden weiter benutzt
- ODH Tool erlaubt selektives Löschen



Rule Valid From Release	Obj Grp	Object Group Name	Total Rows	Obsolete Rows	Total Size	Size of Da	Status	Source tab	Grp Dtls
S4CORE_105_0000000000	BEW	Valuated Inventory Tables	14.600.974	14.600.974	442,17	47,05	NEW	<input type="checkbox"/>	<a href="#">Details</a>
S4CORE_100_0000000000	BPH01	BP: Business Partner Hierarchy is obsolete in S/4	0	0	0,08	0,00	NEW	<input type="checkbox"/>	<a href="#">Details</a>
S4CORE_102_0000000000	CMMANL	Commodity Management - Analytics	52	52	0,96	0,14	NEW	<input type="checkbox"/>	<a href="#">Details</a>
S4CORE_102_0000000000	CMMCPE	Commodity Management - Pricing	2	2	1,22	0,13	NEW	<input type="checkbox"/>	<a href="#">Details</a>
S4CORE_103_0000000000	CMMGTM	Commodity Management - Global Trade Management	0	0	0,64	0,00	NEW	<input type="checkbox"/>	<a href="#">Details</a>
S4CORE_102_0000000001	CMMRSK	Commodity Management - Risk Management	0	0	0,64	0,00	NEW	<input type="checkbox"/>	<a href="#">Details</a>
S4CORE_105_0000000000	CWM	Deprecation of CWM-Tolerance group	0	0	0,14	0,00	NEW	<input type="checkbox"/>	<a href="#">Details</a>
S4CORE_102_0000000000	ISMP	IS-MP-PP: Deprecation of table /SAPMP/PP_FHM_WC	0	0	0,04	0,00	NEW	<input type="checkbox"/>	<a href="#">Details</a>
S4CORE_100_0000000002	MMFT01	MM: Simplification of MRP planning fields	2.357.515	2.357.515	167,15	1,55	NEW	<input type="checkbox"/>	<a href="#">Details</a>
S4CORE_101_0000000002	MMFT02	MM: Deprecation of commodity code functionality	2.357.515	2.357.515	167,15	1,67	NEW	<input type="checkbox"/>	<a href="#">Details</a>
S4CORE_105_0000000000	MMIM	Deprecation of Material Tables	474.707.438	474.707.438	22.462,46	22.460,60	NEW	<input type="checkbox"/>	<a href="#">Details</a>

