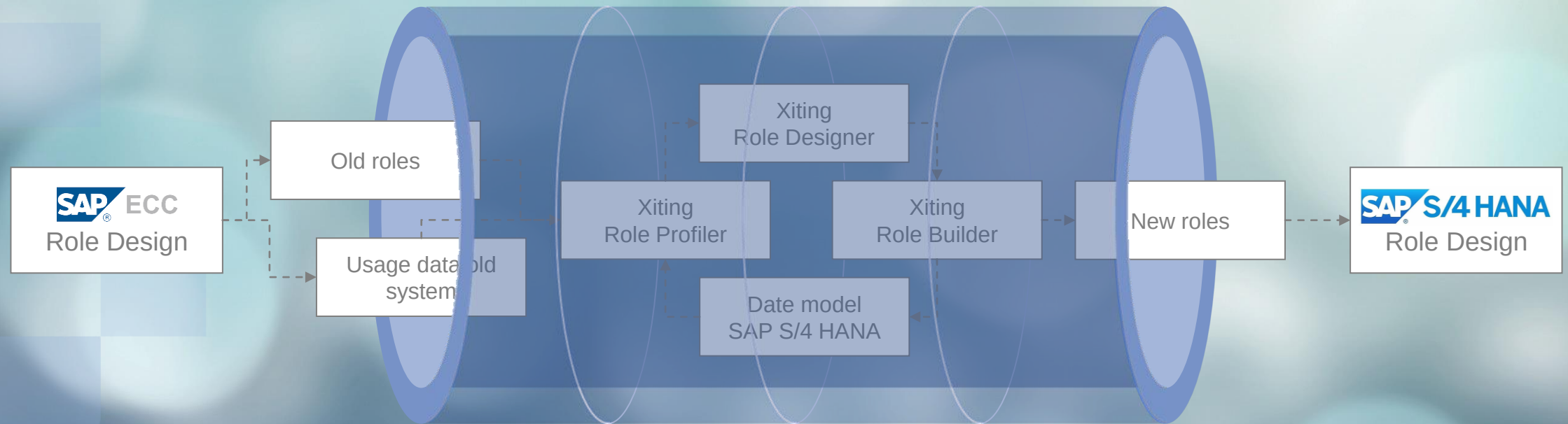




Roles & Authorizations, in your S/4HANA migration project

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Digital Trust

Through Digital Accountability Management



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Agenda

Purpose

SAP S/4HANA® introduces an entirely new data model. As a result, role administrators will have to analyze and update the existing role concept, including Authorizations. The question is: How do I approach this task, and will it provide any benefits to complete this before migration?

In this educational webinar, we will show you how you can manage this black box in a secure and effective way using third-party tools from Xiting. Find out how to automate the analysis of existing authorizations and how to compare them with the new data model of SAP S/4HANA. Learn how to significantly expedite your migration project while lowering the risk of costly mistakes, and not least, ensuring that managers are kept in the loop.

01

Slide: 4

Introduction Xiting

02

Slide: 6

Role & Authorization Readiness Assessment

03

Slide: 8

Role re-design

04

Slide: 15

Wrap-up

05

Slide: 19

Q&A

06

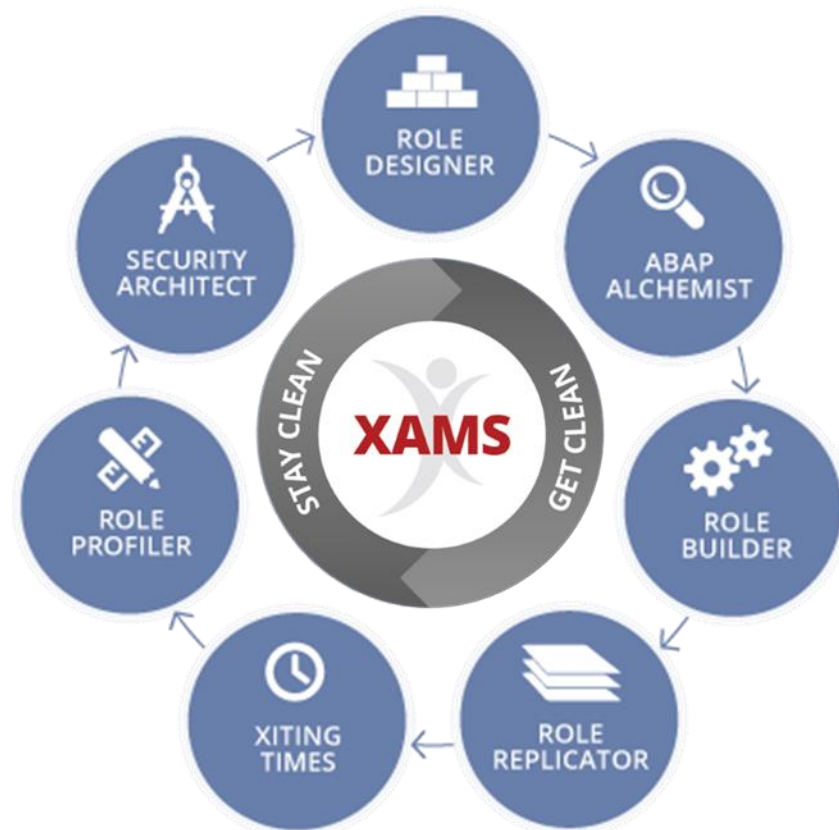
Slide:

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01

Introduction Xiting

Xiting Authorizations Management Suite (XAMS)



02

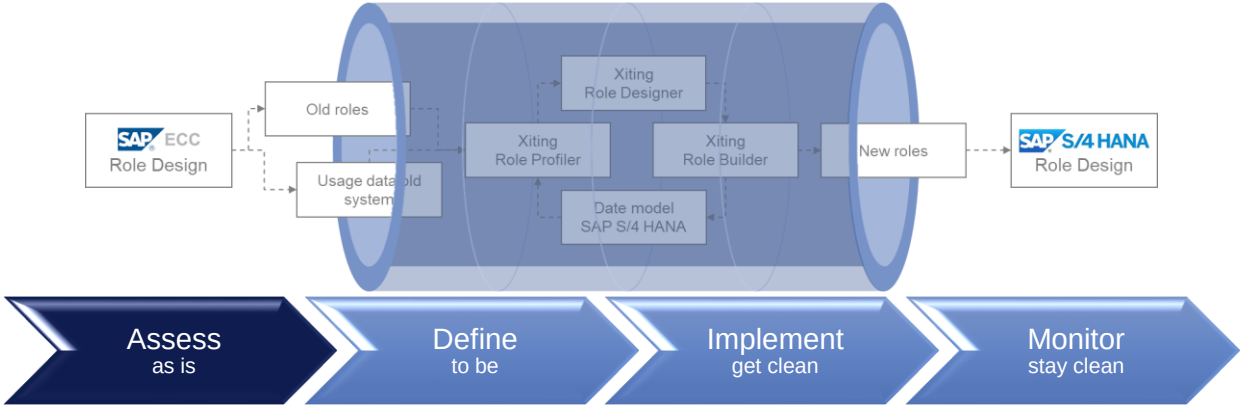
Role & Authorization Readiness Assessment

Roles & authorization readiness assessment and outcome

Current Role Quality

Status of quality (current): ● good ● medium ● poor

Role Quality	Status
Occurrence of manual authorisations in roles	●
Occurrence of changed authorisations in roles	●
Compliance with SU24 values	●
Occurrence of changed organisational values	●
Comparison of inherited roles	●
Number of single roles in scope for re-design	1649



Complexity of Re-design

Complexity (expected effort): ● Normal ● Medium ● High ● Not relevant

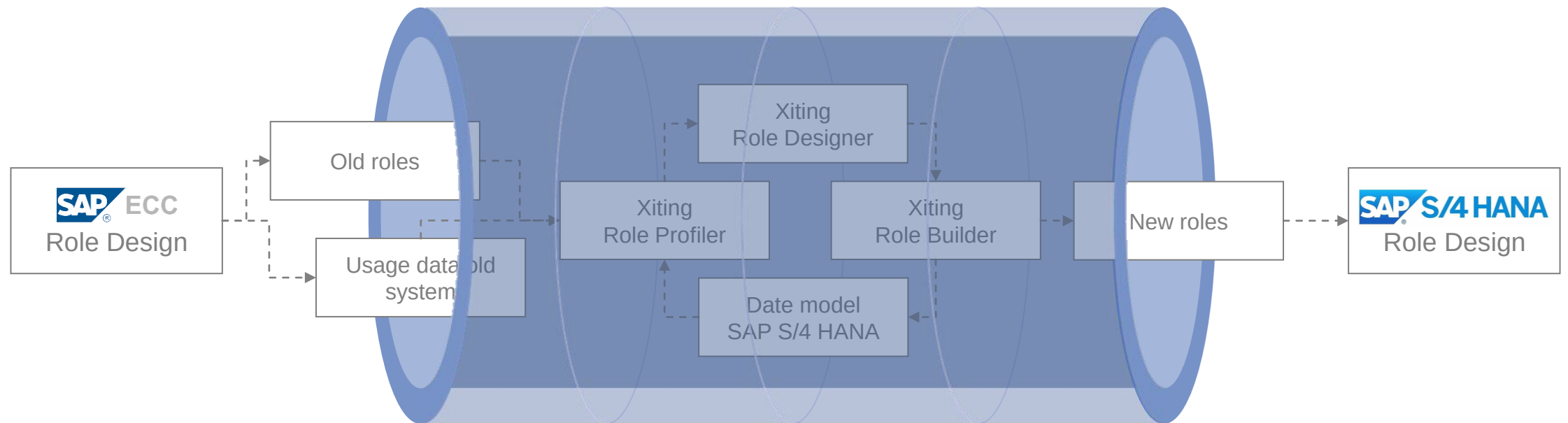
Area	Comments	Complexity
System environment	Sikkerheds parametre: ASSIGN_ROLE_AUTH 3 dialogbrugere i BTC scenarier, 2576 dialogbrugere i RFC scenarier 186 "Z", "Y" authorization objects Customer specific organizational levels: LGORT, PERSA, RESPAREA, VDSK1 Usage of Modules: BC, BW, CA, CO, FI, LE, LO, MM, PA, PE, PM, PP, PS, PT, PY, QM, SD, Z* Usage of Addons: /APPLISOL, /BKC, /EHRM, /INITMPAY, /IWBEP, /IWFND, /WMD	●
HR Customizing	Aktiv (master data check og eget personalenummer check) Ikke strukturelle profiler	●
Active users and roles	4852 dialogbrugere 1649 singleroller og 329 composite roller (179 template/571 nedarvet) Split mellem organisatoriske- og funktionelle roller	●
User activity	1043 transaktionskoder (283 custom) 641 funktionsmoduler	●
Generic transaction codes	SE16: 10, SE16H: 0, SE16N: 18, SM30: 3, SQ00: 0, SQV1: 3 START_REPORT: 12, SA38: 5, SE38: 12	●
Custom development	Totalt scope: 672 Z* transaktionskoder og 130 Y* transaktionskoder Historisk brug: 219 Z* transaktionskoder og 34 Y* transaktionskoder	●
Differentiated access	Stor differentiering på HR stamdata Differentiering på costcenter, profitcenter Ingen differentiering på ordretyper, batch jobs, spools, idocs, queries	●
Organizational values	1 firmakode, 1 controlling area, 1 fabrik, 116 lagerlokationer, 1 indkøbsorganisation, 1 division Custom: LGORT, PERSA, RESPAREA, VDSK1	●

Estimate – Breakdown

Rolle redesign with XAMS			
ID	Project phase	ABC	%
1Administration			
1.1	Project management	13	
1.1.1	Project controlling og administration	2	
1.2	XAMS installation og customizing	2	
2Preparation			
2.1	Optimering af SAP Security configuration	1	
2.2	SU25 eksekvering	1	
2.3	SU24 Optimering (baseret på systemregler)	2	
2.4	SU24 Optimering (baseret på kodeanalyse)	4	
2.5	SU24 Optimering (baseret på trace data)	4	
3Design			
3.1	Evaluering og definering af jobfunktioner	14	
3.2	Evaluering og definering af security guidelines	10	
3.3	Modellering af rollekoncept baseret på jobfunktioner	8	
3.4	Workshops med forretningen for at bekræfte rolleindhold	15	
4Implementation			
4.1	Oprettelse af template roller for jobfunktioner	20	
4.1.1	Implementering af Fiori funktionalitet	N/A	
4.1.2	Koordination og fine tuning for objektværdier	10	
4.2	Kvalitetstjek af roller	1	
4.3	Optimering og replikering af template roller	3	
4.4	Implementering af scenarier for CO adgang	2	
5Validation			
5.1	Definering og forberedelse af test scenarier	2	
5.2	Aktivisering og monitorering af test scenarier	2	
5.2	Evaluering og implementering af testresultater	24	
5.3	Setup af scenarier for acceptance tests	5	
6Activation			
6.1	Provisionering af referencebrugere (fallback)	2	
6.2	Deployment af rolletildelinger	2	
6.3	Monitorering og support i forbindelse med Go-Live	10	
6.4	Tilrettelæggelse og vedligehold af roller	5	
7Documentation			
7.1	Oprettelse af projektdokumentation	2	
7.2	Generering af SAP security concept		
7.3	Implementering af internt kontrol system (ICS)		
7.4	Projektlateret coaching og XAMS træning		
		164	100%

03

Role re-design

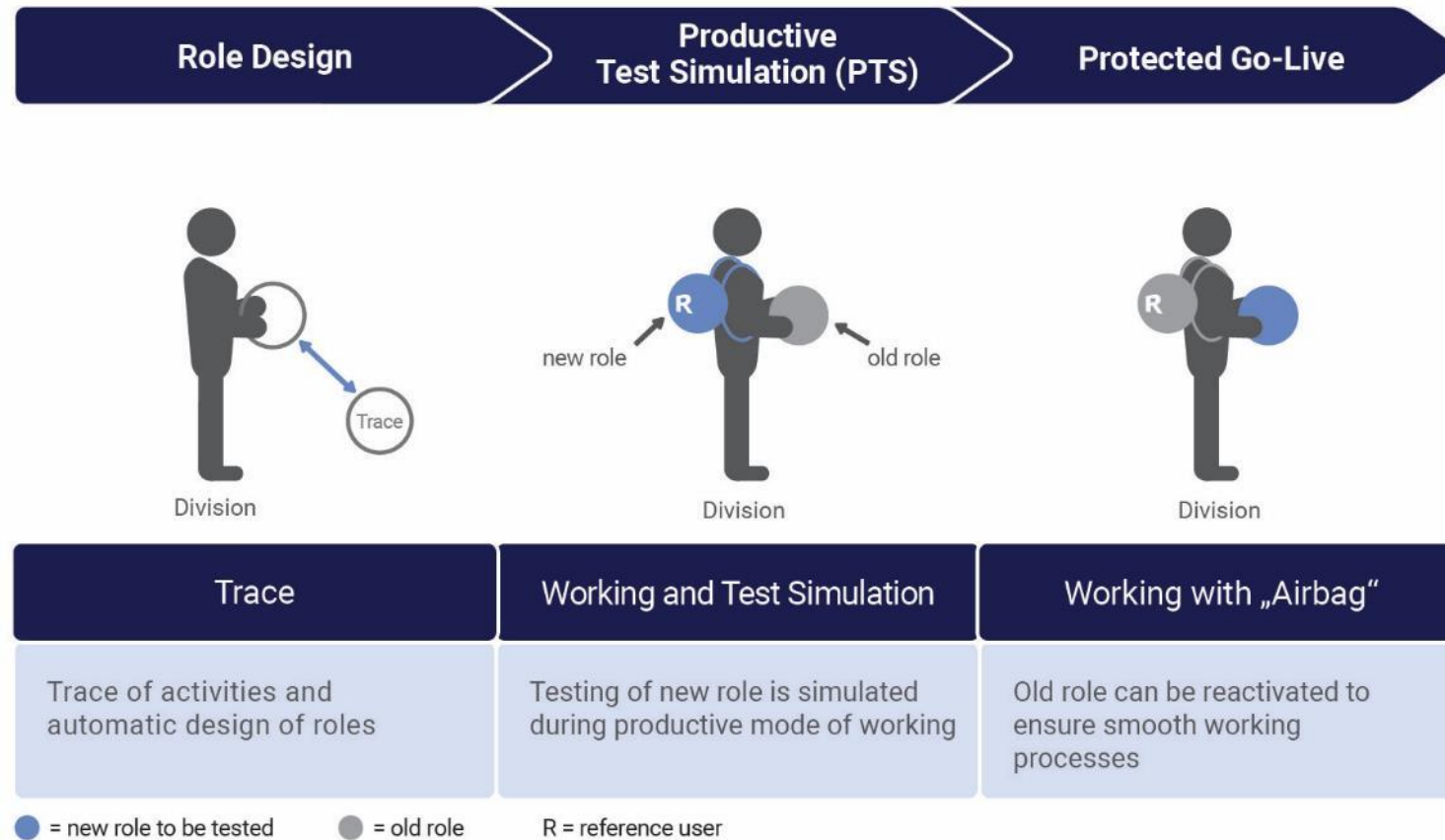


Challenges in role re-design

- Three major challenges in re-designing roles
 - Structure of roles and content
 - Difficult to cover all variants of business processes
 - SAP S/4HANA introduces an entirely new data model
 - Analyzing and testing of roles
 - Analyzing usage of old roles is a time-consuming process
 - Free up valuable resources and test all possible scenarios
 - Go-live with the new roles
 - Disruption in daily operations

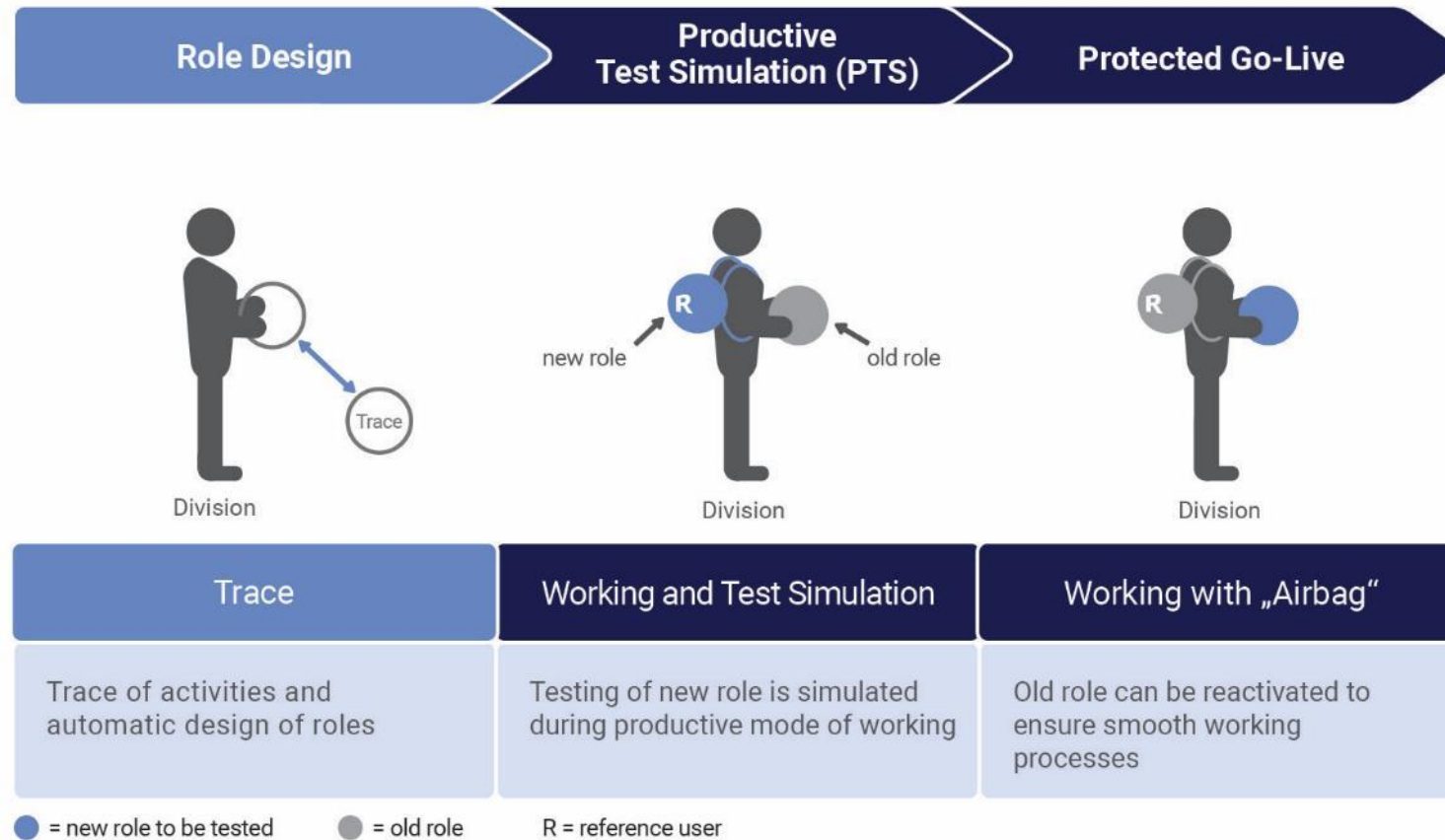
Addressing the challenges

■ The Three Musketeers



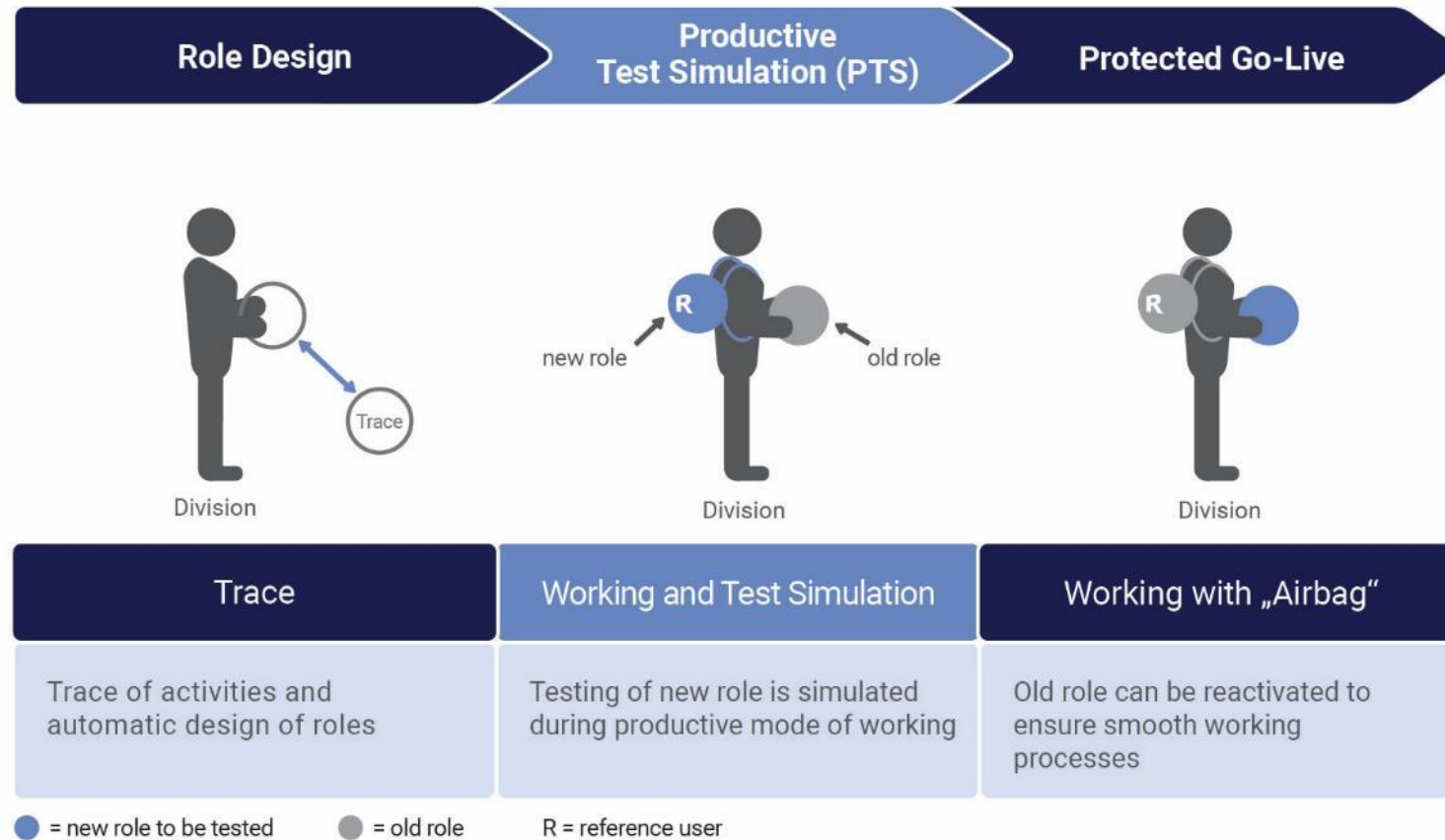
Addressing the challenges

- Role design



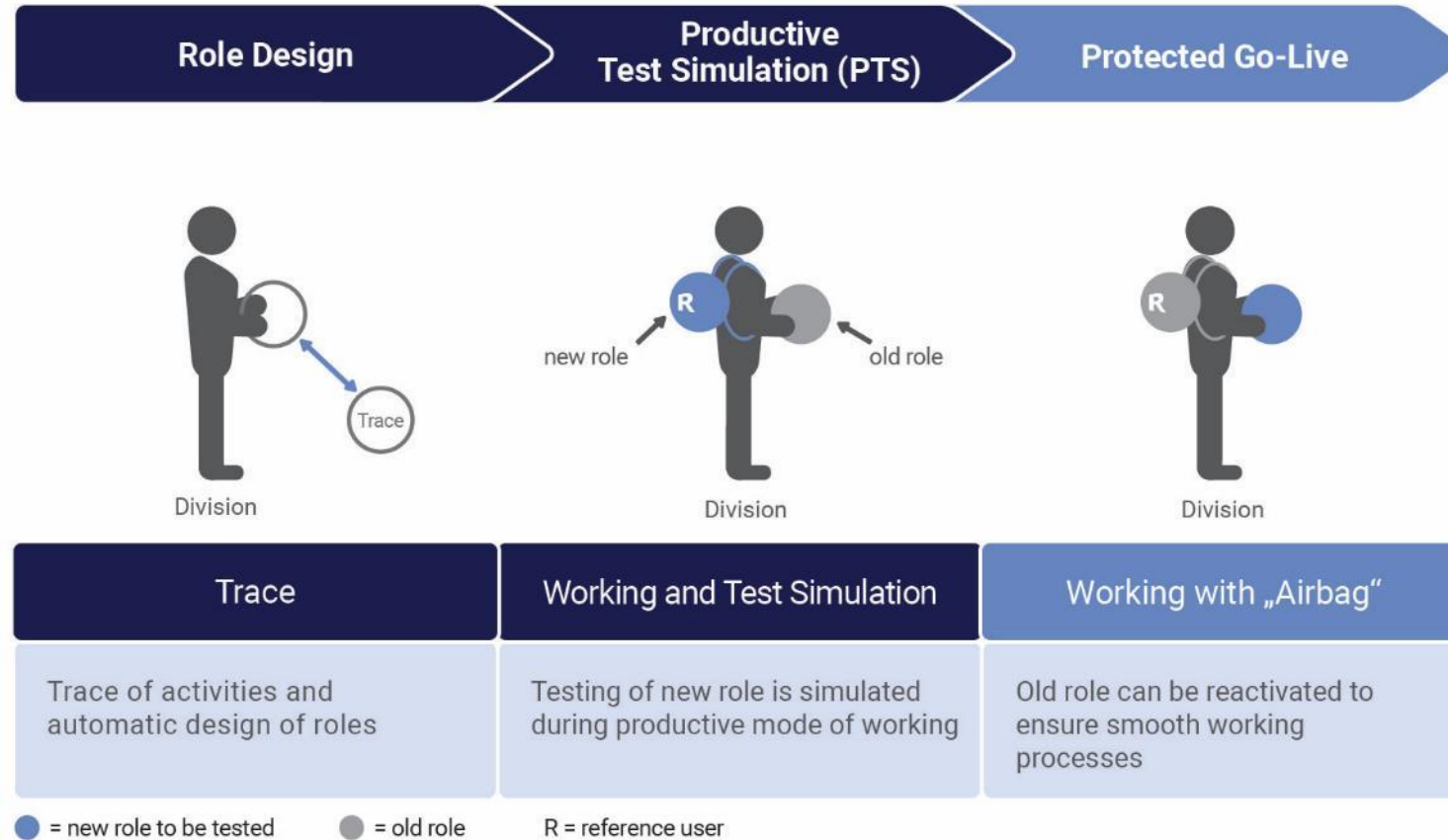
Addressing the challenges

■ Productive Test Simulation



Addressing the challenges

- Protected GoLive



04

Wrap-up

Our solution with Xiting Authorizations Management Suite (XAMS)

The following XAMS modules can support and facilitate a successful role migration to SAP S/4HANA

- **Role Designer**

Data driven role-design based on historical usage data. Create sustainable authorization concepts, perform a what-if analysis, scan for SoD conflicts during the design phase, and quickly migrate roles to SAP S/4HANA using a virtual role design cockpit.

- **Role Profiler**

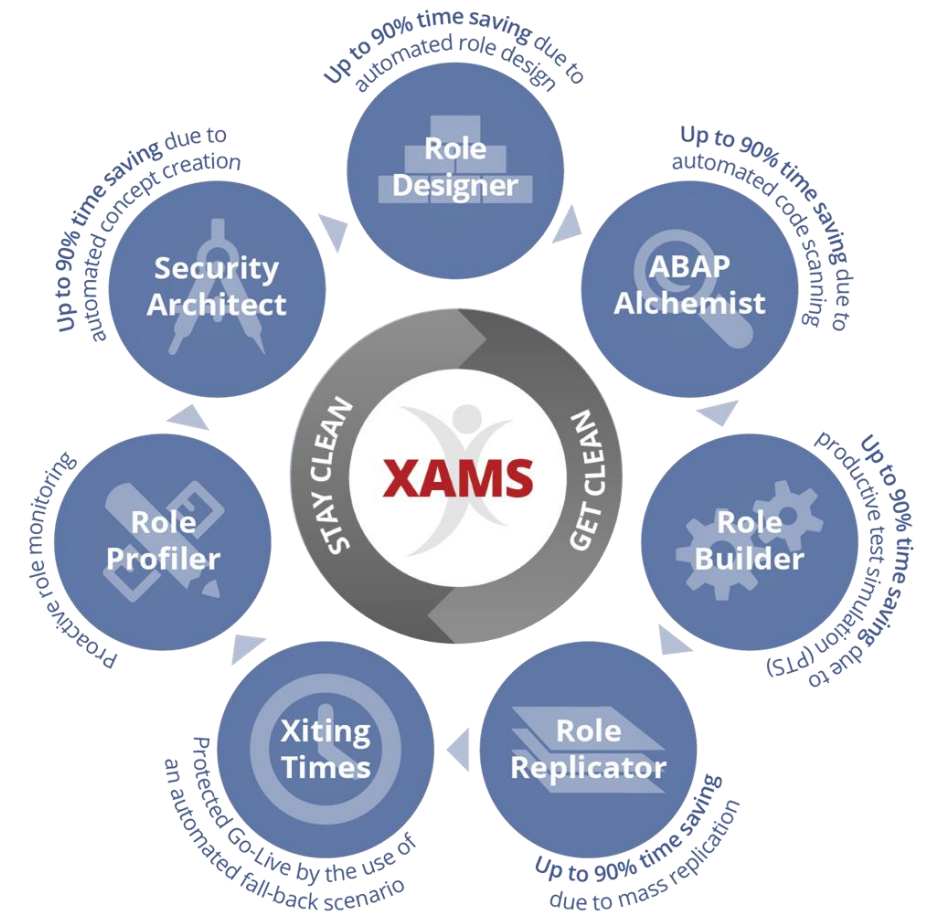
Optimize SU24, identify issues in your existing roles and authorizations, and prevent issues in new roles from entering your production landscape.

- **Role Builder**

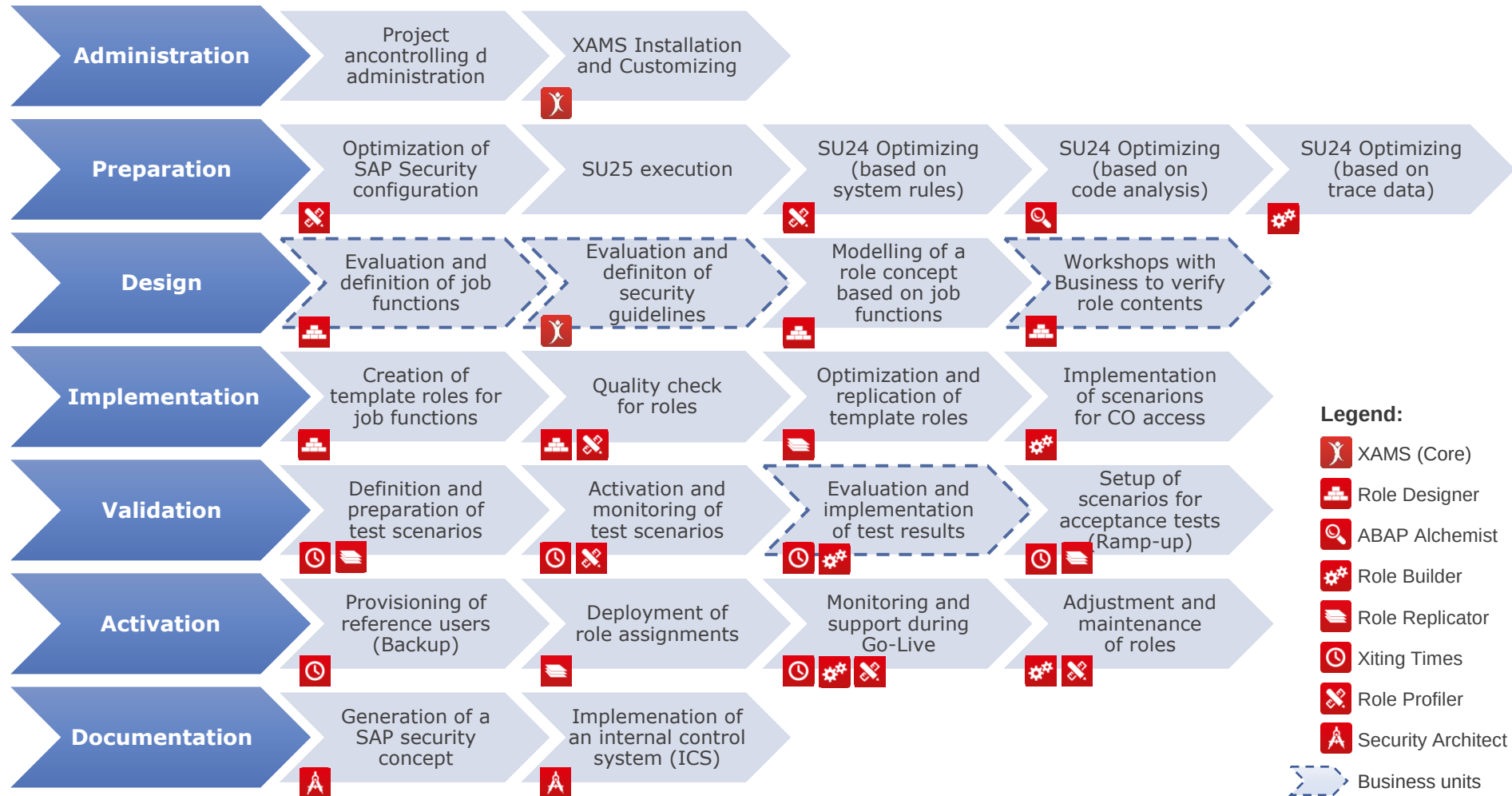
Test new authorizations unnoticed in the production system with the revolutionary Productive Test Simulation (PTS).

- **Xiting Times**

Eliminate potential risks during the operational transfer of new SAP authorizations with the Protected Go-Live (PGL).



Project phases



Management reporting

12.6.2 Critical Authorization Objects – User Level

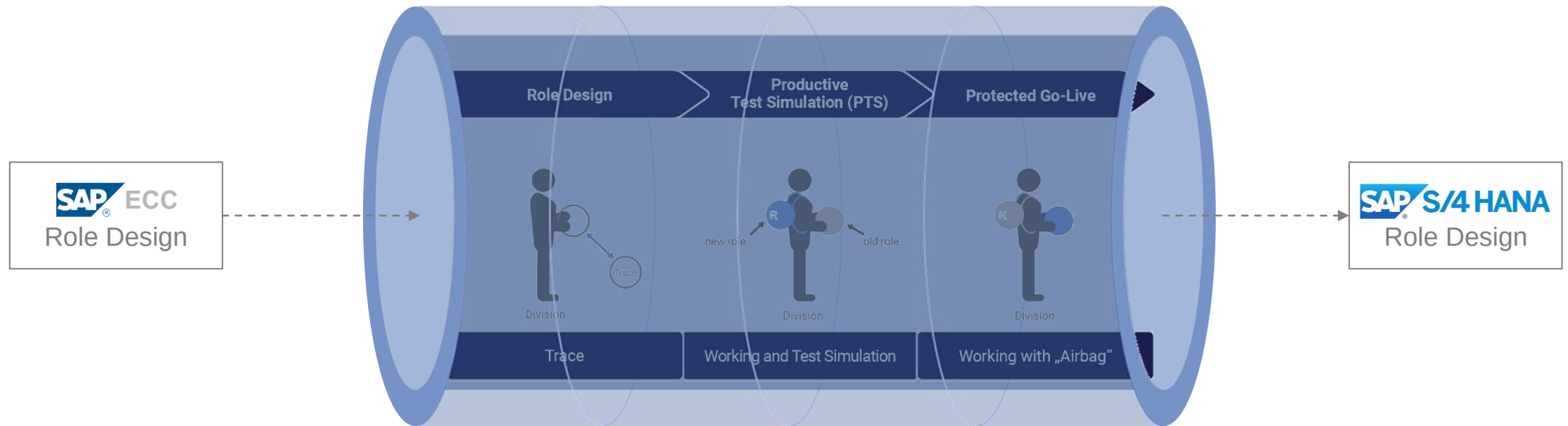
The use and assignment of critical authorization objects to the users is permitted as long as the activities and functions are performed by the users.

Check ID	P	System_Client	Sys-Type	Result	Mitigation	Information
CRIT_AUTH_USR		BWP100	Productive			0 users witch critical authorizations
CRIT_AUTH_USR		ERP100	Productive			37 users witch critical authorizations
CRIT_AUTH_USR		GWP100	Productive			31 users witch critical authorizations
CRIT_AUTH_USR		SCP100	Productive			24 users witch critical authorizations
CRIT_AUTH_USR		SMP100	Productive			18 users witch critical authorizations
CRIT_AUTH_USR		SRP100	Productive			0 users witch critical authorizations

05

Q&A

Q&A





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