Ready for the General Data Protection Regulation
Ready for Digital Business

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SAP Run Simple

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It is the customer's responsibility to adopt measures that the customer deems appropriate to achieve GDPR compliance.

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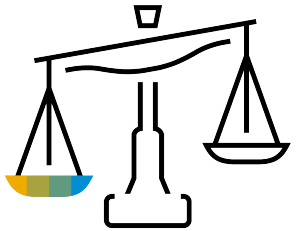
GDPR requirements and impact

What is the General Data Protection Regulation?

The General Data Protection Regulation (GDPR) (EU Regulation 2016/679), effective May 25, 2018, gives **individuals control** and **protection** of their **personal data**. Data controllers, who determine the purpose and means of processing personal data, and processors, who process for controllers, are affected.



Penalties up to 4% of annual global revenue or **€20 million** whichever is greater

Who must comply?

Organizations that offer goods or services to, or monitor the behavior of, EU data subjects and those that process or hold the personal data of EU residents

Applies to:

Natural persons, whatever their nationality or place of residence in the EU, in relation to the processing of their personal data

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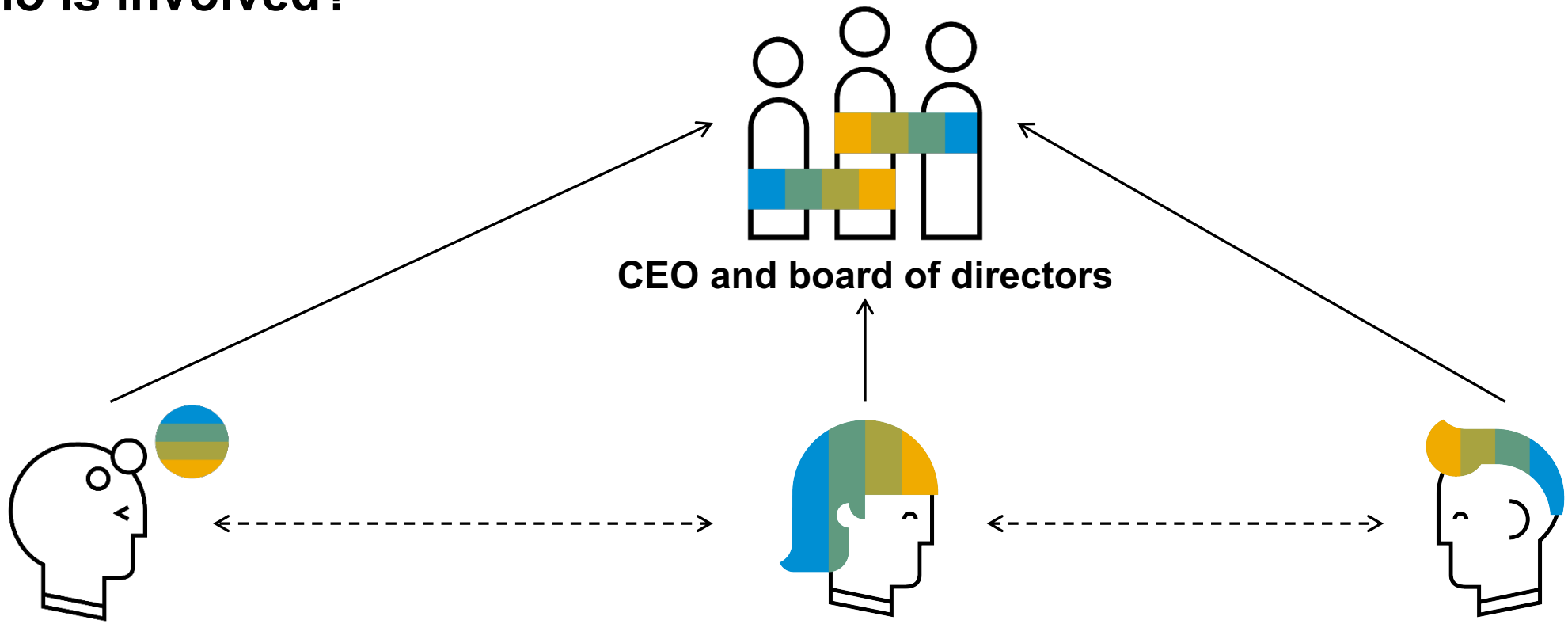
Who is involved?



Legal

- **Data protection officer**
- Chief compliance officer
- Chief risk officer
- Head of legal
- Chief audit executive

Line of Business

- HR
- O2C
- P2P
- Business process owners

Operations

- Chief information officer
- Chief information security officer

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How SAP helps customers address GDPR requirements

SAP's **integrated** and **industry-leading** solutions are highly relevant for meeting **end-to-end** GDPR requirements.

Enterprise-grade solutions cover **SAP** and **non-SAP** systems and **work with existing infrastructure** investments.

Governance

Operations

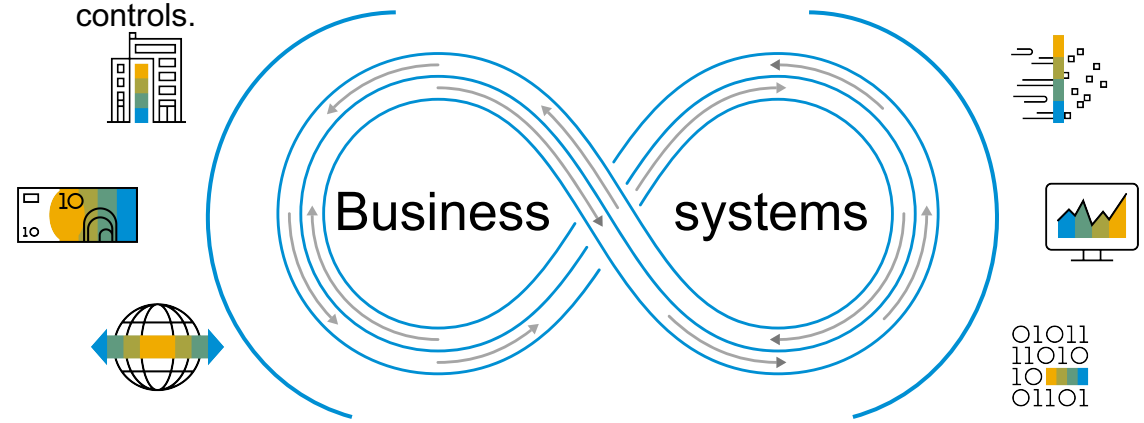
SAP Process Control

Use assessments and surveys for ownership, status, and data protection impacts. Manage and monitor policies and controls.

Governance, risk, compliance, and security solutions

SAP Access Control

Control or block user access to sensitive data and business processes. Support compliant user provisioning.



SAP Information Lifecycle Management

Retention, blocking, and deletion of sensitive data for ABAP-based SAP systems…

Database and data management solutions

SAP Data Services software and SAP Information Steward

Tagging, profiling, and accuracy of personal data across landscapes…

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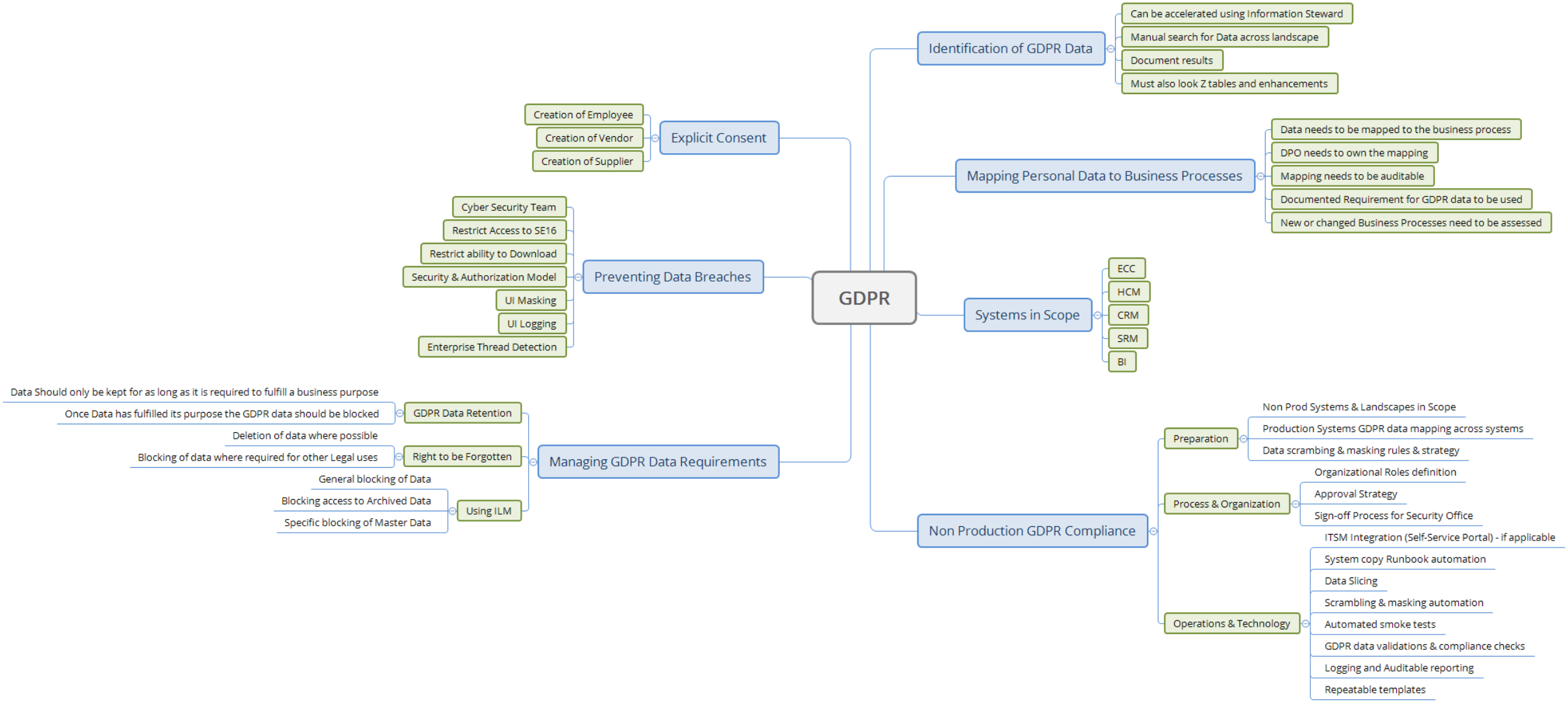
Mindmap *"Accelerate Compliance"*



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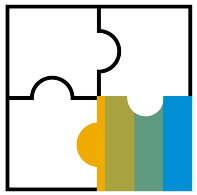
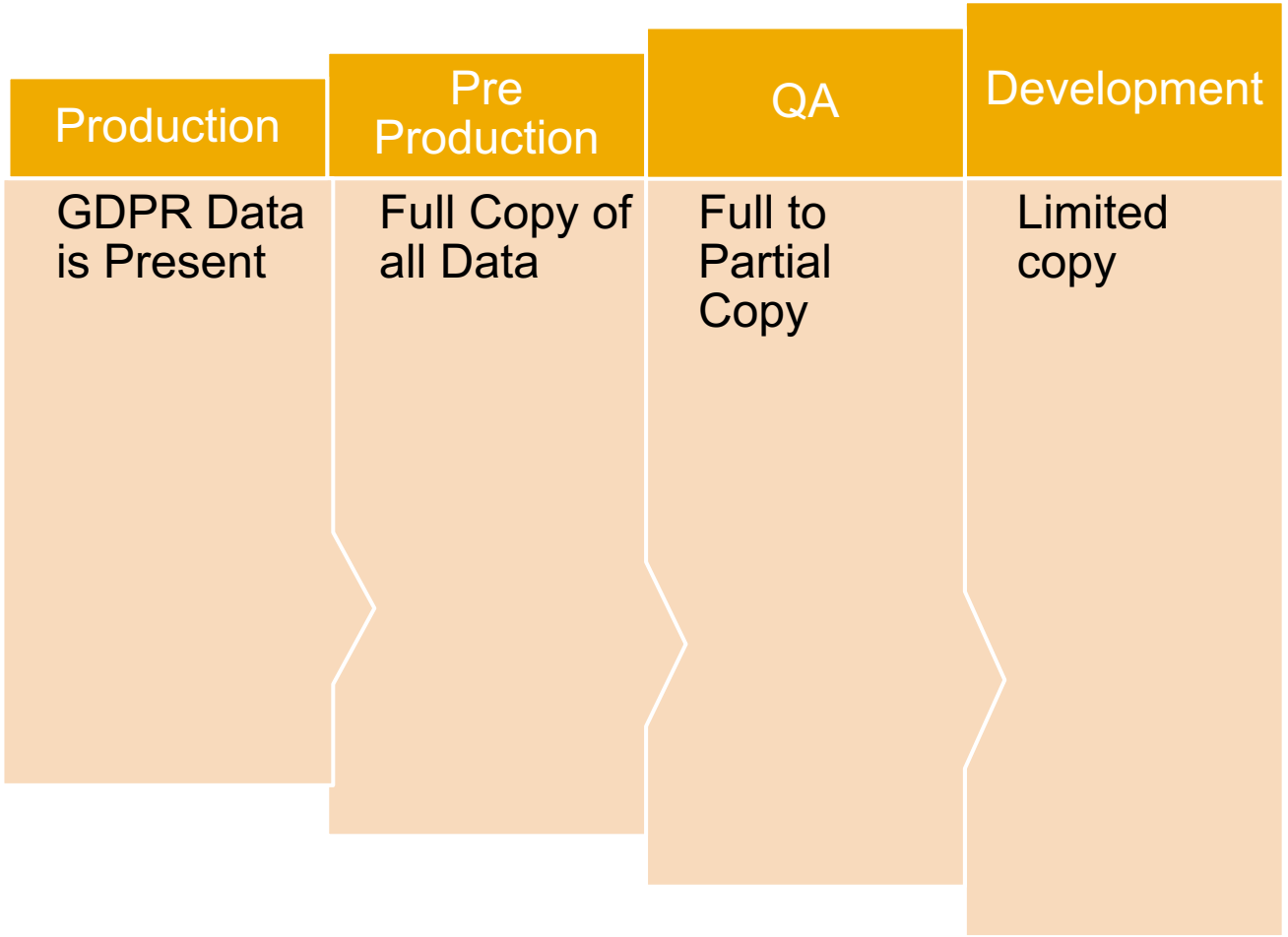


Assessing the gaps and planning a strategy

Where does GDPR Impact an SAP Landscape

How GDPR Data Propagates itself Across the Landscape



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Where does GDPR Impact an SAP Landscape

Most Common Areas Affecting an ECC SAP System

- HR Master Data
- Payroll Data
- Vendor / Supplier Master Data
- Purchase to Pay Data
- Order to Cash Data

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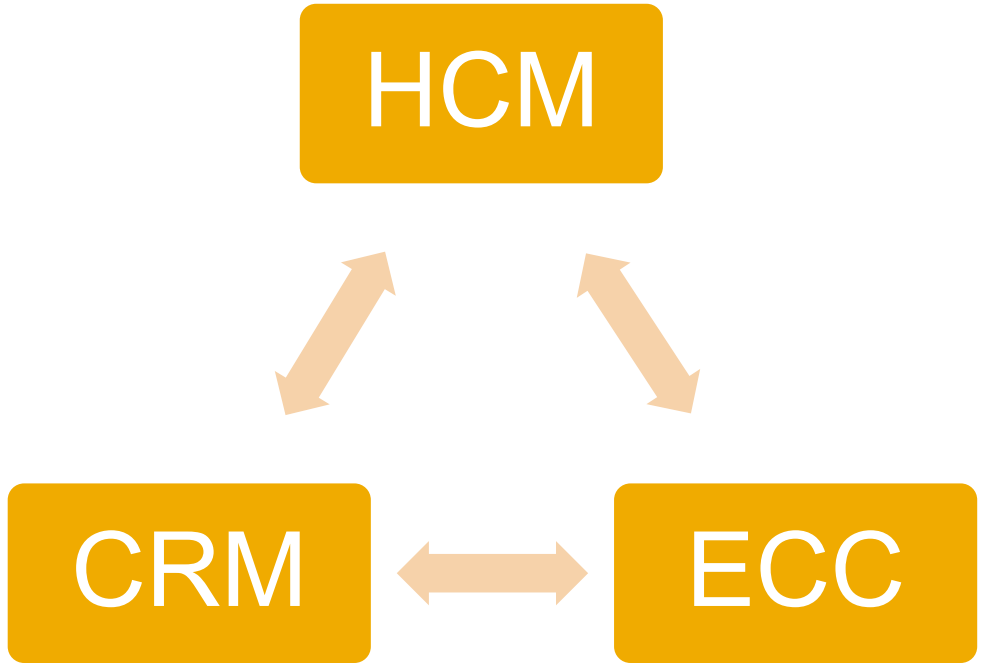

HCM creates an Employee in CRM for Employee Self Service

HCM creates a Vendor in ECC for Travel and Expenses

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Identification of Data

We can Use Information Steward to Speed up Analysis

1. Information Steward Connects Multiple SAP and non SAP databases
2. Scripts Can be Written to Locate GDPR Data
3. Data can Be Reported

Z Tables and SAP Standard Tables which Have Been Enhanced need to be analysed

Results of Data Analysis needs to be documented

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Identification of Data

What auditors would like to see

Business Process

e.g.

Hire to Retire

Order to Cash

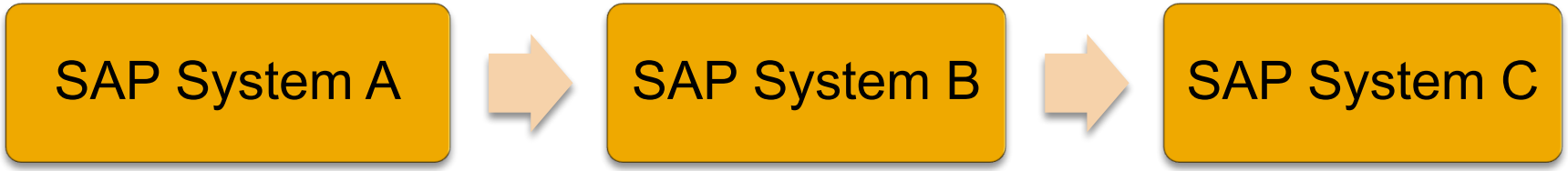
Landscape Mapped

e.g.

HCM Creates Employee

ECC Has Employee as Vendor

CRM Has Employee as a Service



GDPR Data Mapped

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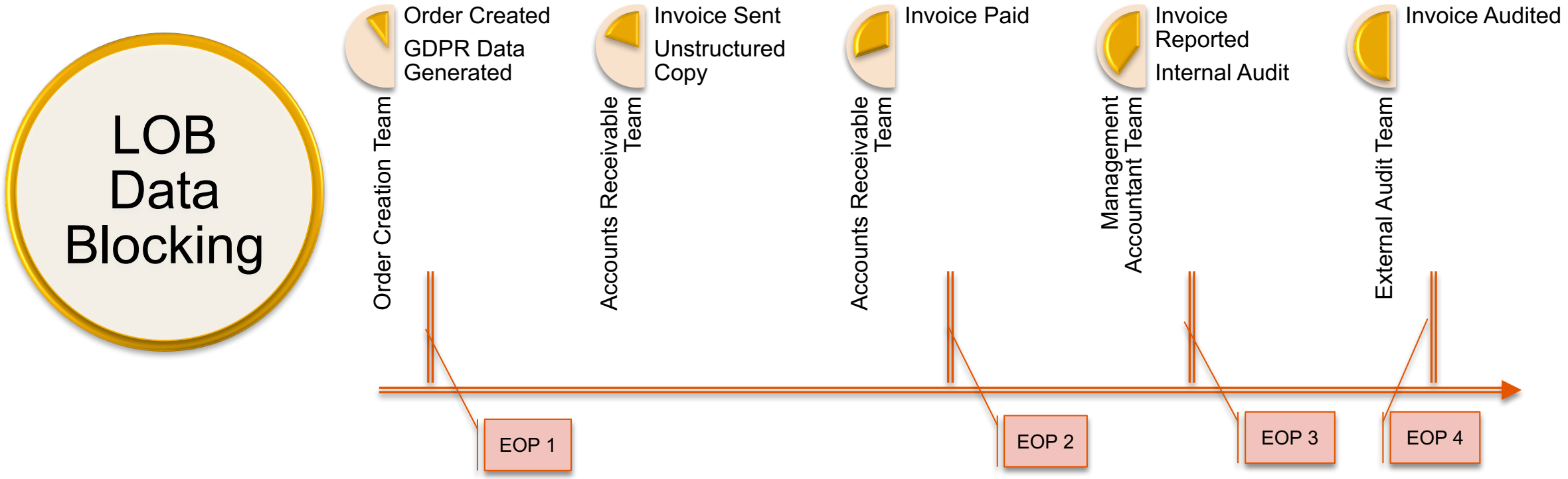
Managing GDPR data

LOB Data Blocking



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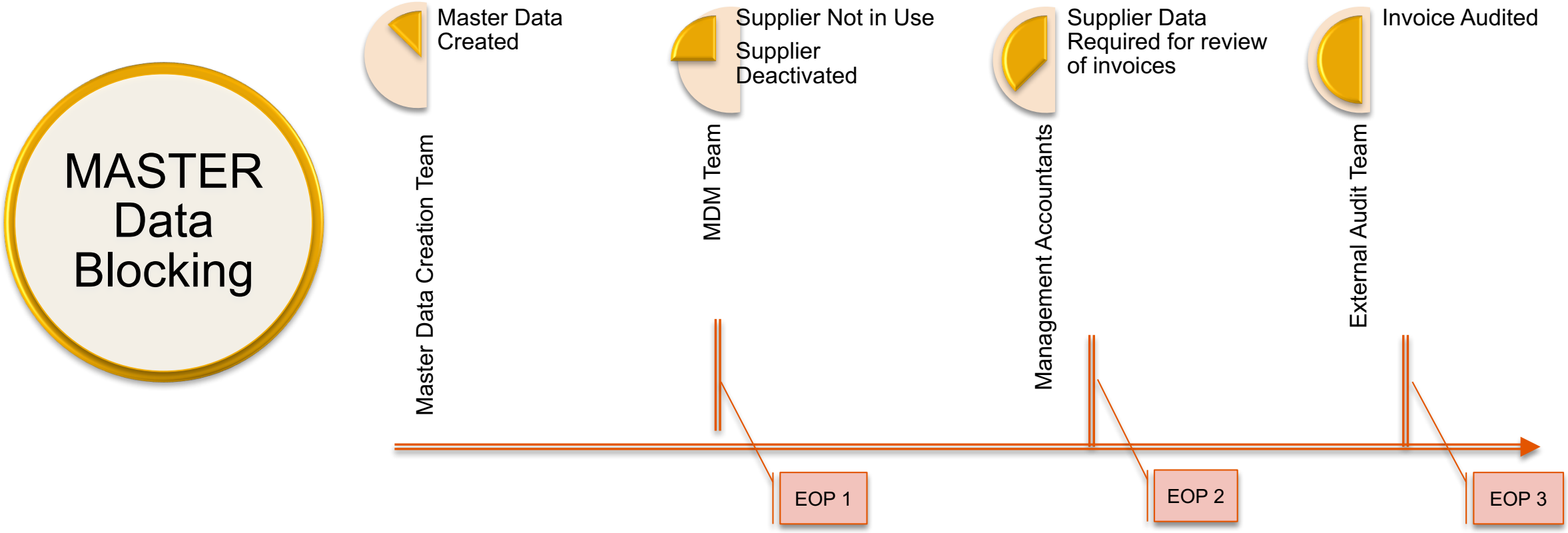
MASTER Data Blocking



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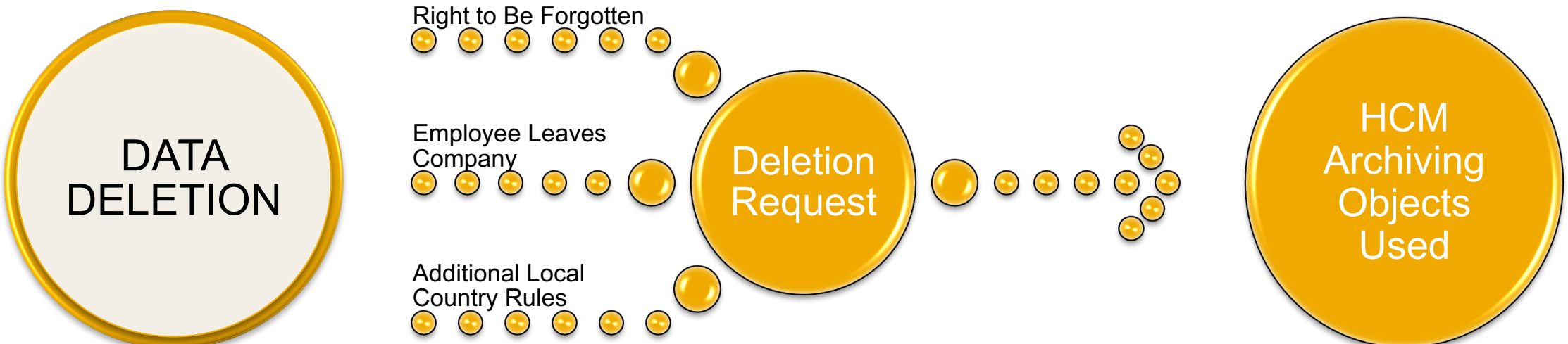
Data Deletion Request HCM



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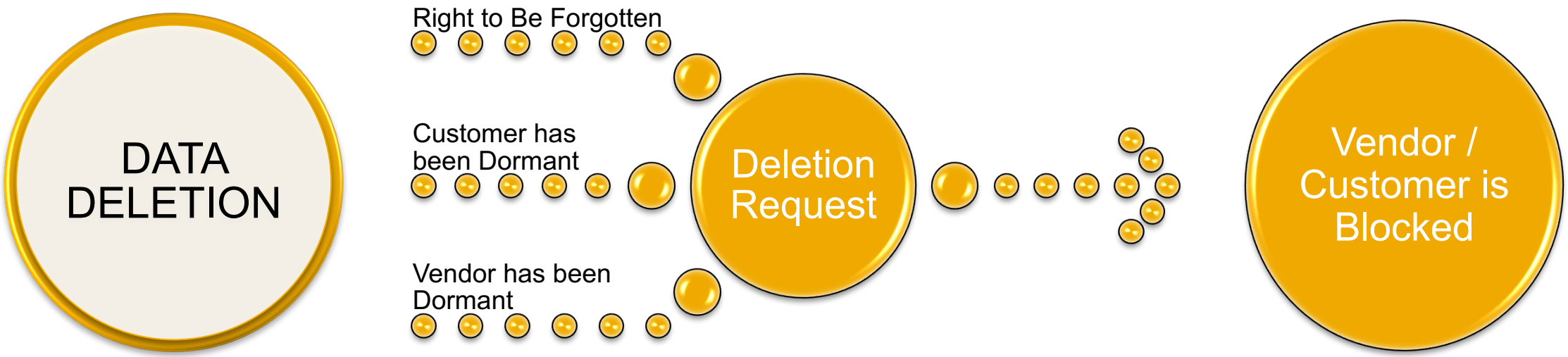
Data Deletion Request Vendor & Customer Master



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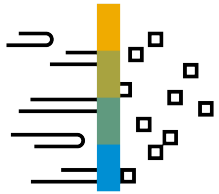
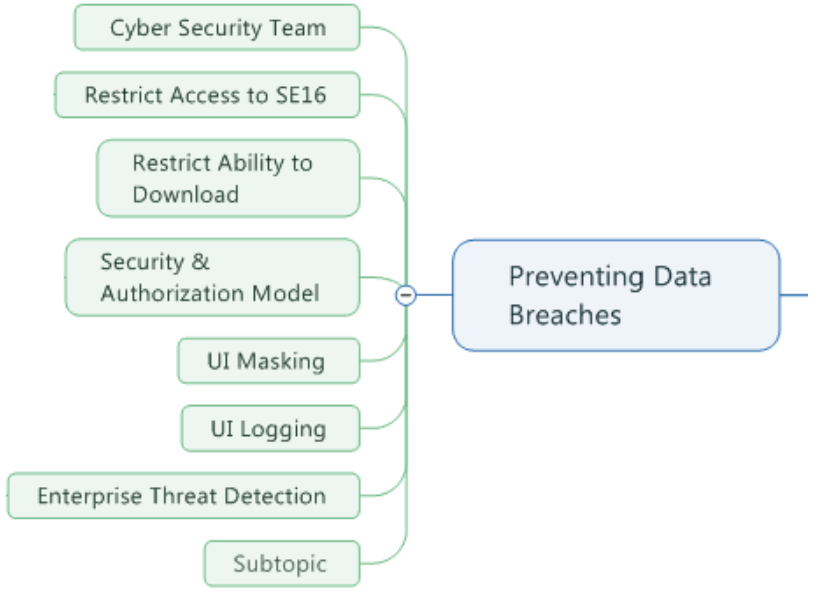


Preventing data breaches

Preventing Data Breaches

1. Restrict Access to SE16.
2. Restrict Access to being able to Download data from an SAP Transaction.
3. Ensure the Security & Authorisation Model is fit for purpose and has clearly defined processes for both provisioning and provisioning access.



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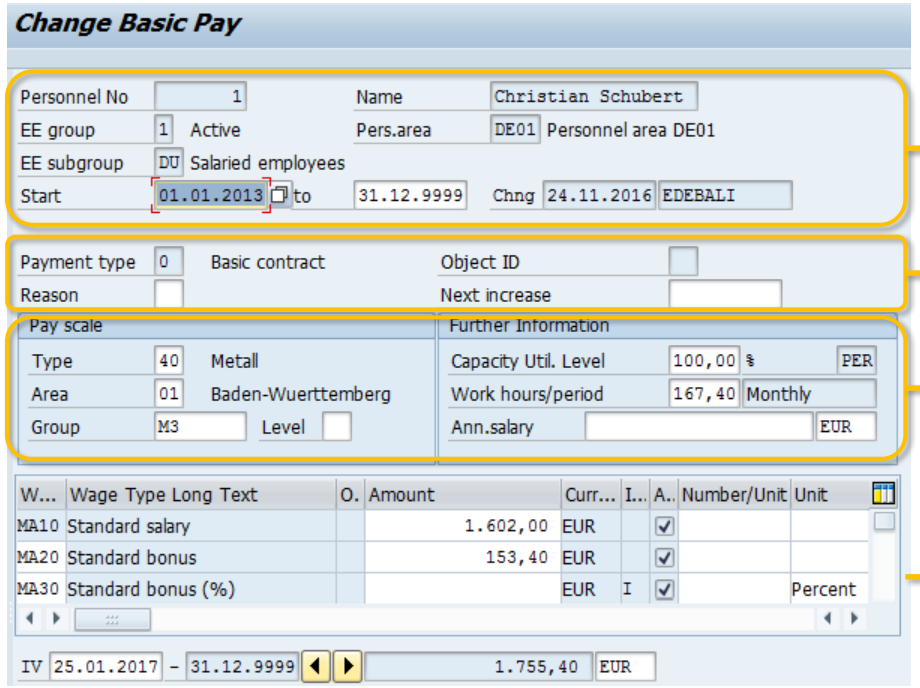
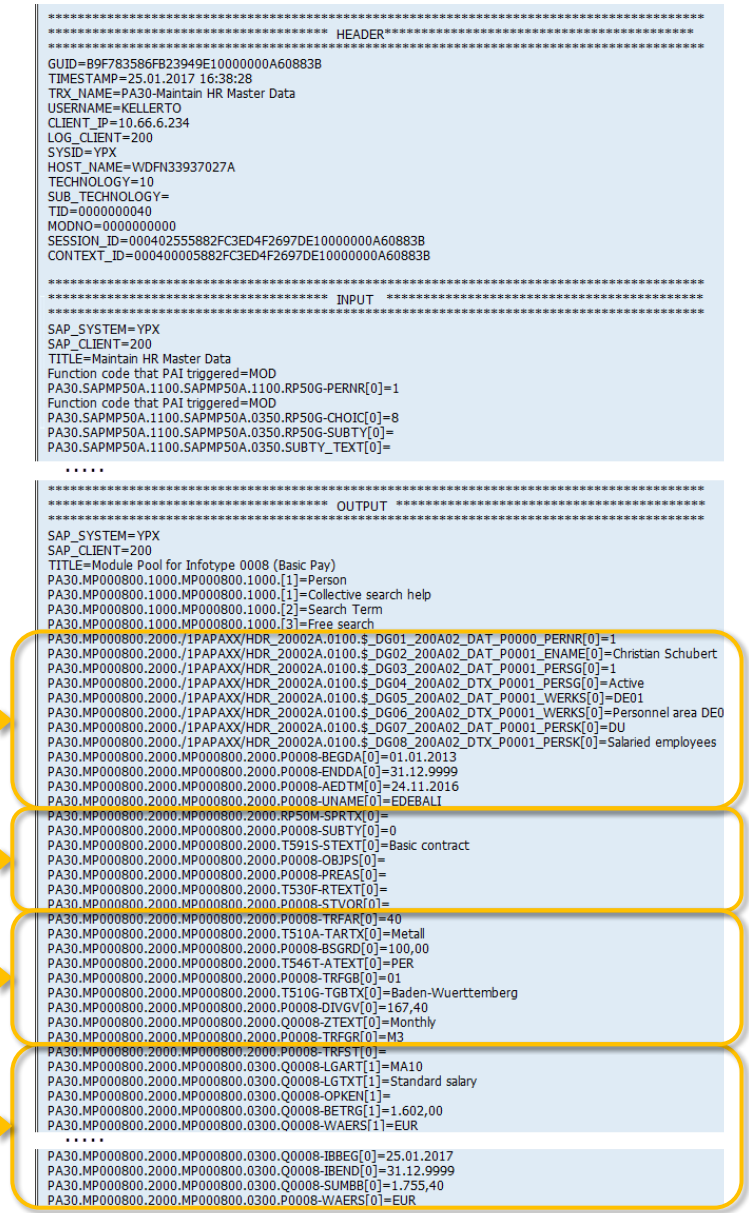
SAP UI Logging

- Logging **based on roundtrips** (frontend→server→frontend)
- filtering options to **control log file size**
- **efficient analysis:** log data organized with unique <name> →value pairs
  - on demand: **detailed analysis** of log file via Log Analyzer
  - real time: **configurable alerts/notifications**
  - automated: **i**ntegrated with ETD → usable as powerful data source



transaction: PA30
"Maintain HR Data"

Infotype 8
"Basic Pay"



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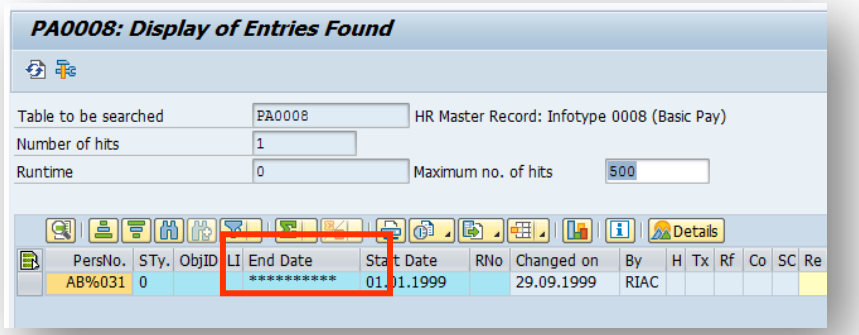
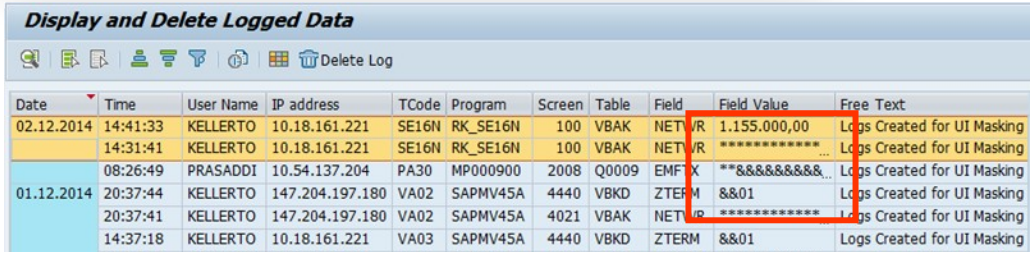
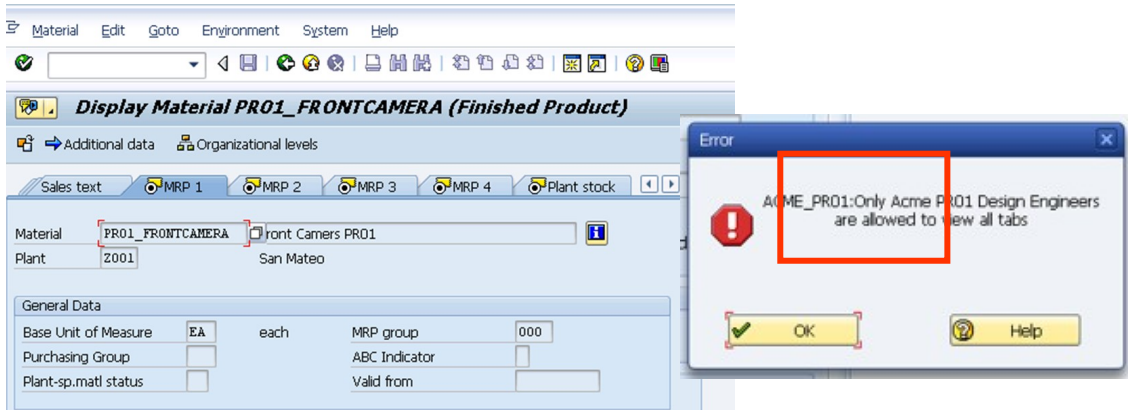
SAP UI Masking







Multiple uses:

- Minimal impact on ‘live data’ and ‘historical data’ systems
- Common core business areas such as HR, procurement, CRM, ERP, reporting
- UI Masking SAP only

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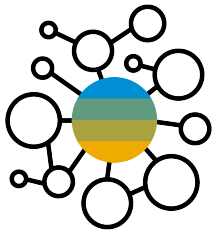
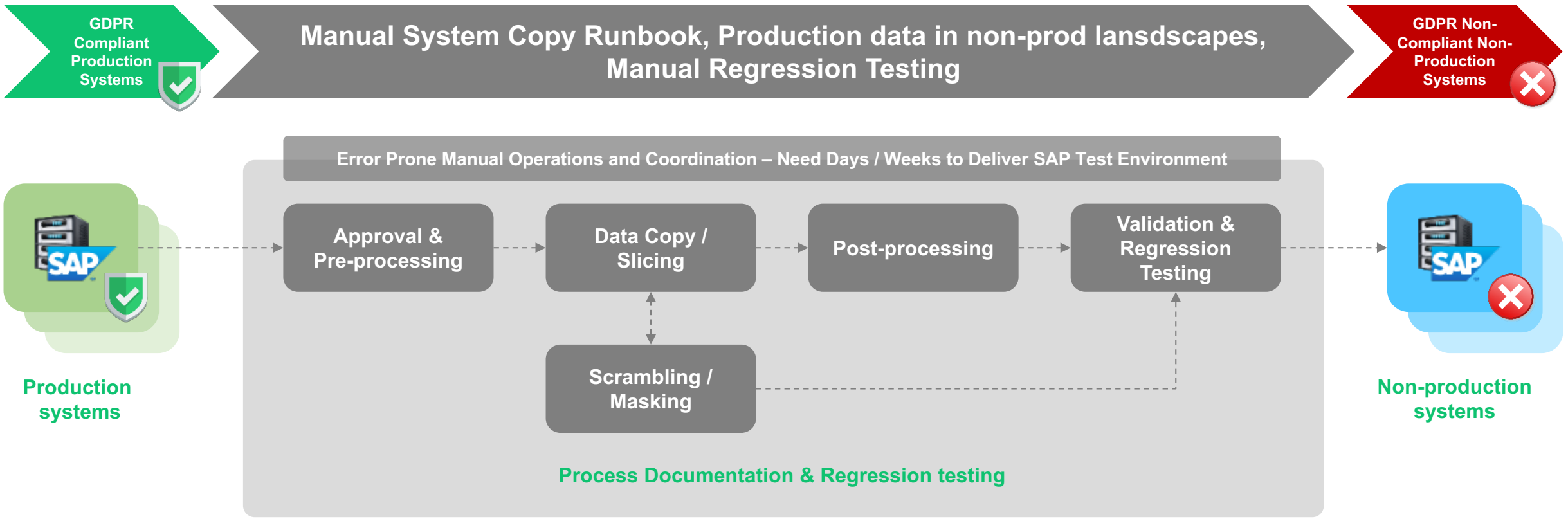


Managing non-production landscapes

Traditional Approaches



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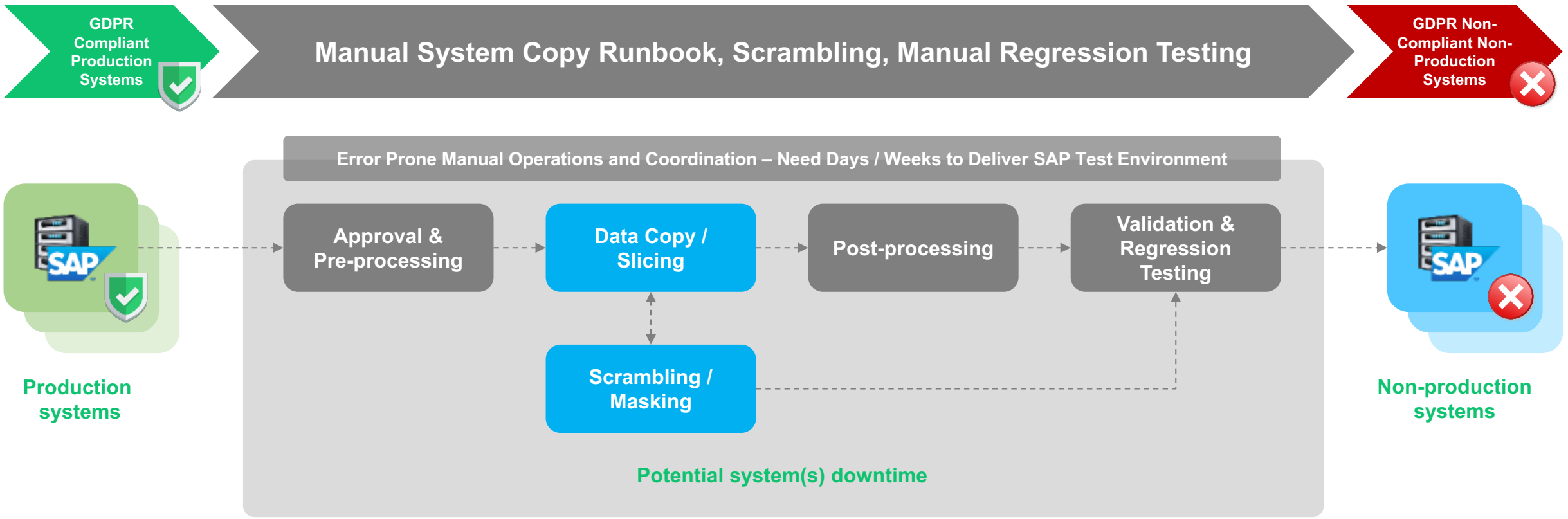

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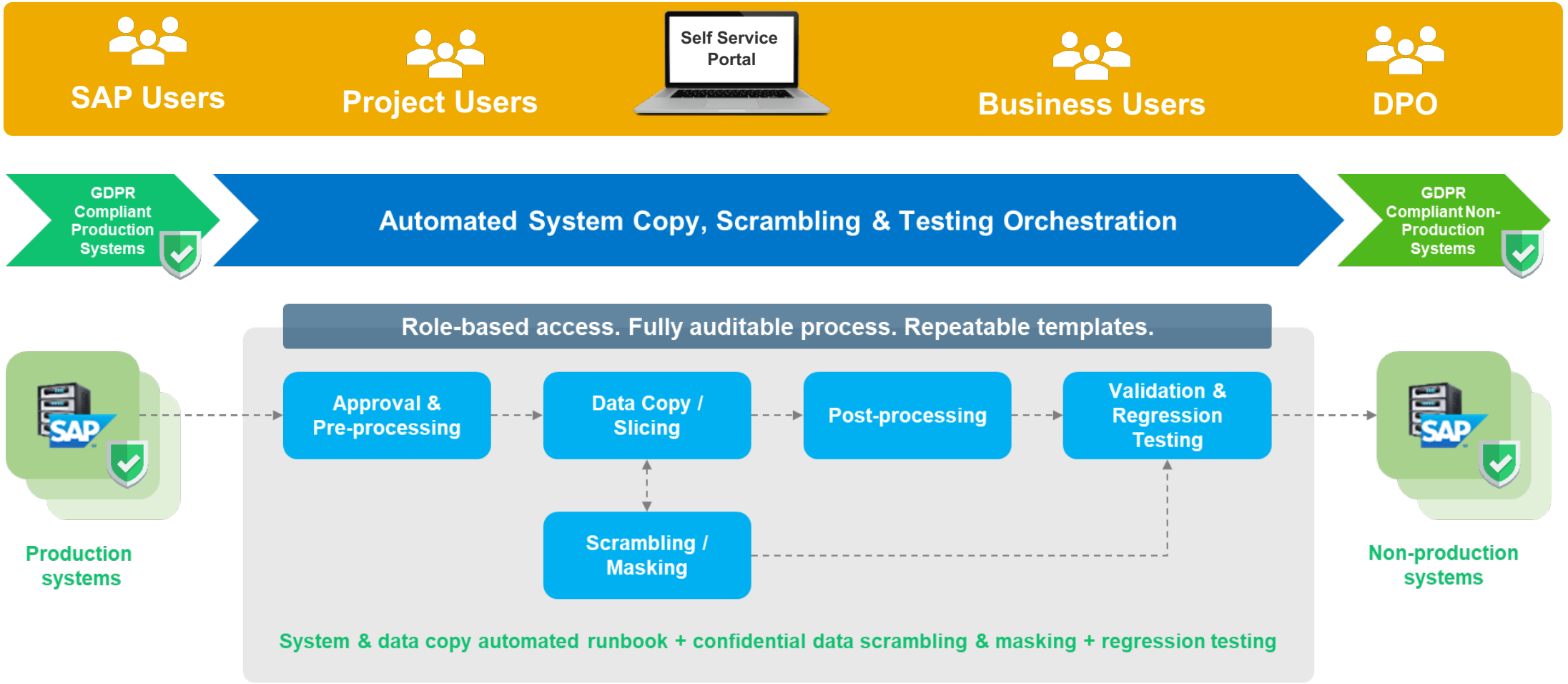
Process & Organization



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SAP services to support you on your journey

GDPR - Delivery with Excellence

Professional Services at SAP DBS

Explore the requirements

Initial Standard Workshop

Gives the overview of EU-GDPR requirements and SAP Products/Services which can help the customer to get compliant.

Analyze & Prepare a plan

Technical Check & Procedure model

Technical analysis of possible technical and functional configurations in SAP systems that are not yet implemented or applied to meet data protection requirements.

Run

Information Life Cycle-, Security- & GRC-Services

Focus on success

Cockpit with SAP Process Control

Usage of SAP Process Control Product as a cockpit for analyzing and monitoring the operational effectiveness of GDPR controls.

GDPR Technical Readiness Check as a PE Service is planned for Q1-2018

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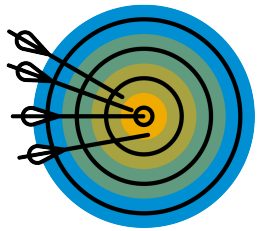


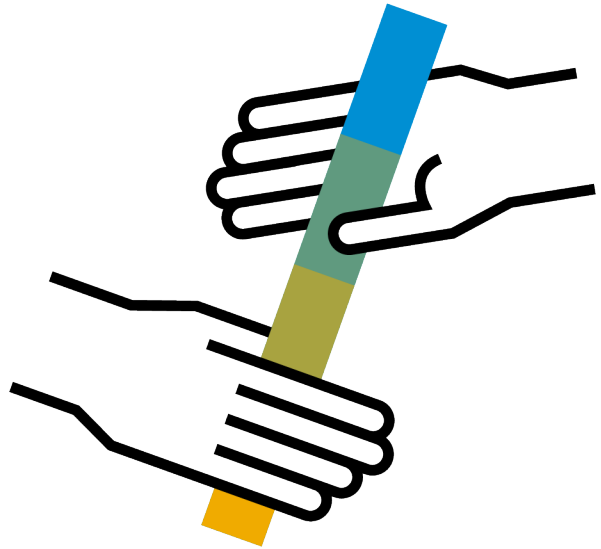
Summary

Conclusions

Drive through GDPR challenges to become a better digital business

SAP **can help you**:

- Accelerate the journey towards GDPR compliance
- Strengthen the foundation to govern your GDPR program and demonstrate accountability
- Orchestrate GRC and data management workstreams to simplify governance



Achieve maximum advantage from your efforts

- A better response to the GDPR to become a fitter, more agile **digital business** with automated governance of data and business processes
- A more trusted engagement with your customers for improved business insight balanced with **digital responsibility**
- An opportunity to reduce compliance cost and risk (not only for GDPR) through automation

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Thank you.

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Simplified blocking and deletion of business partners
Technical prerequisites

- With SAP Information Lifecycle Managements (ILM) the functionality of *Simplified blocking and deletion of business partners* is available as follows*:

System/Application	Release - prerequisite
ERP	SAP ERP 6.0 EHP7 SPS12
CRM	SAP CRM 7.0, EHP3, SPS05
IS-U	SAP ERP 6.0 EHP7 SP08
HCM	SAP ERP 6.0 EHP6 SPS16

- Scope:
  - End of purpose checks (EOP) available in more than 120 modules/applications
  - Possibility of handling blocked data in transactions and reports
  - Full ILM-enablement of archiving objects in respective modules/applications

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