



## What is GDPR?

GDPR (EU Regulation 2016/679), effective 25 May 2018, gives **individuals control** and **protection** of their **personal data** in a **networked digital world**. Data controllers (why personal data is collected and used) and processors (process on behalf of controllers) are most affected. It simplifies prior EU regulation replacing the 1995 data protection directive.

#### Penalties up to

4% of annual global revenue / €20million whichever is greater

**Applies to** 

EU and non-EU companies

that manage/process

personal data of individuals'

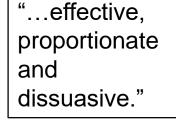
activities in the EU

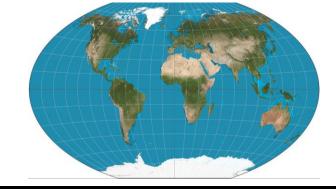
#### or 2% of annual global revenue / €10million whichever is greater

Protect other's personal data with the same respect you expect to have your personal data protected









# Assist with GDPR Governance Principles

Document governance requirements for regulator and DPO

#### *Evidence* of processes from Article 5(1). What to do:

- Privacy by design and default
- Privacy impact assessments
- Engaging a DPO, transparency into state of compliance
- Controller selection process, data processed
- Manage third party contracts
- Evidence of pseudonymisation, encryption, breach management
- Route to approach certification

Customer GDPR programs fail because they do not have an attestable *program*, with *evidence* of a *(human) governance* framework with controls in place.



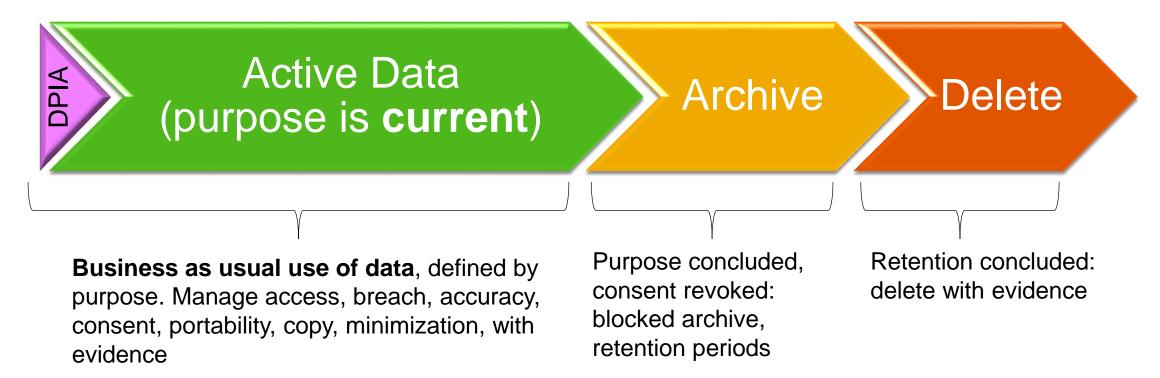


Art 5(2) "The controller shall be responsible for, and be able to demonstrate compliance with, paragraph 1 ('accountability')."

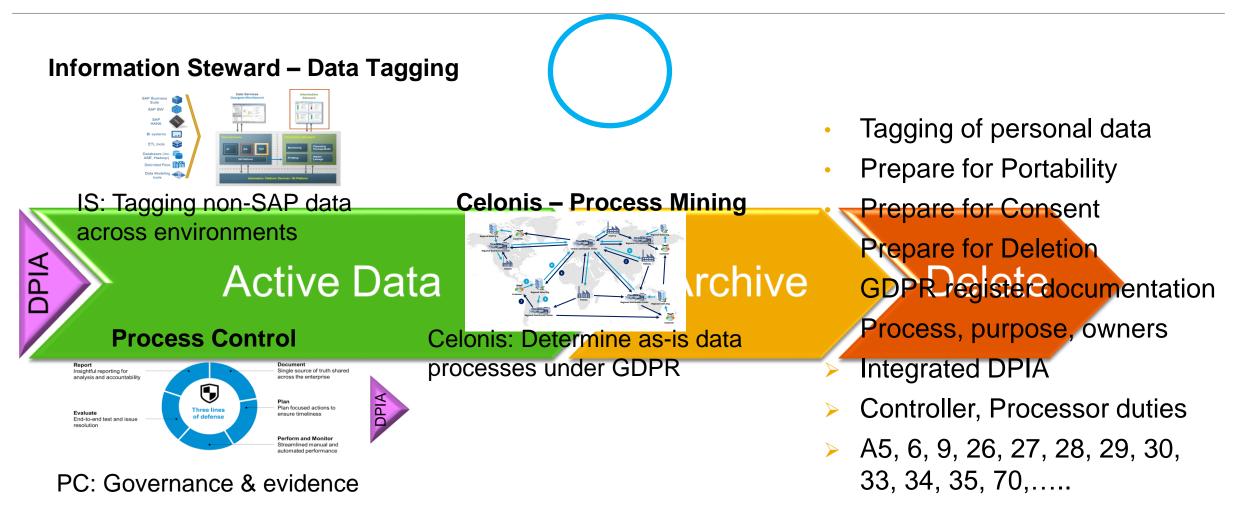
## Data Life and Terms Active and Archive, cover non-SAP

There are phases of data use that need to be managed under GDPR

- Products from GRC & Security and DDM
- Different technologies apply at each stage
- Customers will have their own IT landscapes already



## **Starting Point** Where is my data, what is my Risk?



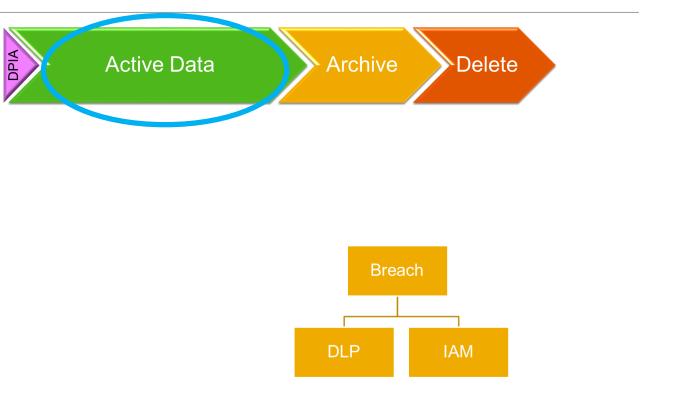
Talk Track: Information Steward, Process Control, Celonis

processes

Mining personal data

How do I Stop Fines from Inappropriate Access/Loss?

- Data Breach: "accidental or unlawful destruction, loss, alteration, unauthorised disclosure of, or access to, personal data"
- Processing: "collection, recording, organisation, structuring, storage, adaptation or alteration, retrieval, consultation, use, disclosure by transmission, dissemination or otherwise making available, alignment or combination, restriction, erasure or destruction"

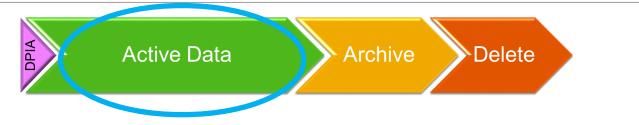


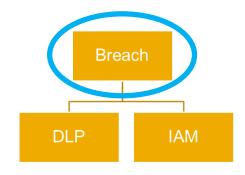
 Minimisation: adequate, relevant and limited to what is necessary in relation to the purposes for which they are processed

How do I Stop Fines from Inappropriate Access/Loss?

Board, controller and processor - Articles 70, 33, 34:

- Issue & supply guidelines, recommendations and best practices to encourage application of GDPR
- Controller has 72 hour notification window, processor notify a controller without undue delay
- Consequences of breach, measures (to be) taken, history







PC: Governance & evidence

#### **Talk Track: Process Control**

How do I Stop Fines from Inappropriate Access/Loss?

Provisioning

De-

Provisioning

Engage

Disengage

Re-

engage

Cloud

- 'Legitimate' access to personal data
- Role design, management
- Provision/de-provision per current role

Partner Contractor Consultant

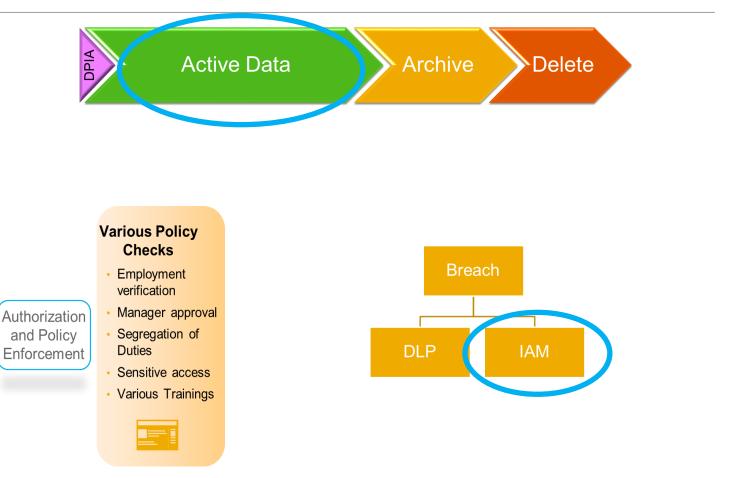
Alerts for inappropriate access

Many types of users

Any application

**Business Legacy and** 

Applications custom



#### Talk Track: Access Control, Dynamic Authorisation Management, Access Violation Management (and IDM, SSO)

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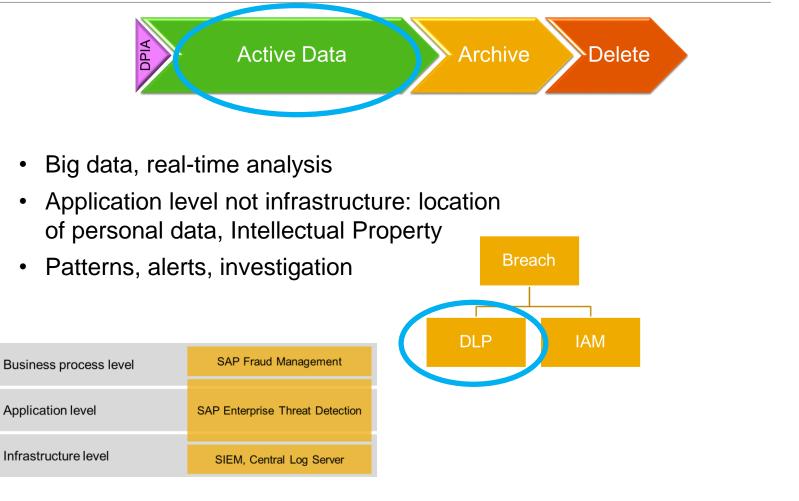
Employee

ERP

#### Internal, Named Partner

How do I Stop Fines from Inappropriate Access/Loss?

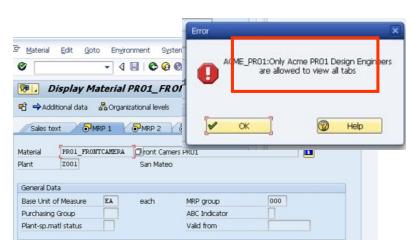


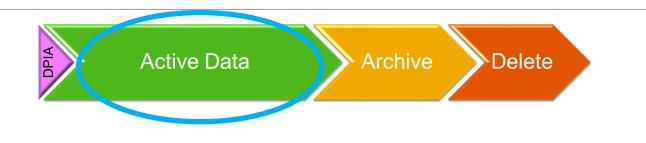


Talk Track: Enterprise Threat Detection, UI Logging, Dynamic Authorisation Management

How do I Stop Fines from Inappropriate Access/Loss?

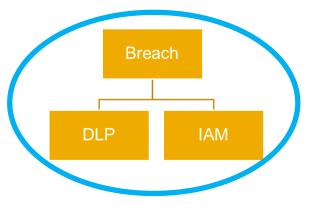
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- Minimal impact on 'live data' and active 'historical data' systems
- UI Masking SAP only
- DAM is SAP and non-SAP
- ERP, CRM, BW, PLM,
- SharePoint, MSFT Exchange, Dynamics CRM, IBM FileNet, File Servers/Shares, Windchill, Enovia, Teamcenter, Skype for Business
- SDK for others

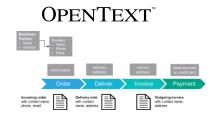
#### Talk Track: UI Masking, Dynamic Authorisation Management



## **Operationalise: Deleting, Blocking, Retention** 'Right to forget'



ILM: Tagged SAP data across environments, delete and block



OT: 'Digital Vault', OCR, content tagging, storage, management





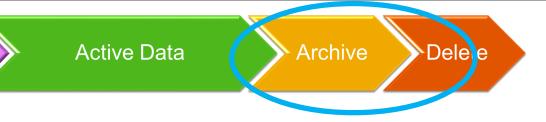
Processes for delete, block, retention

DPIA





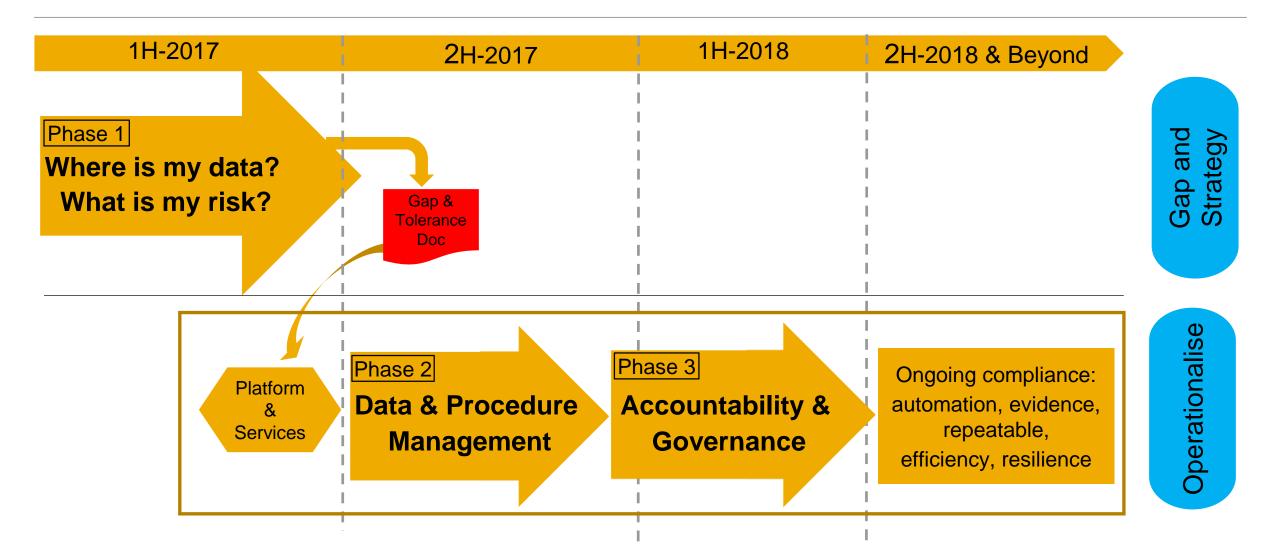
PC: Governance & evidence



- Deletion of SAP personal data, archive, retention, delete on expiration
- Archive SAP & non-SAP personal data, for legal purposes + retention periods, paper, OCR, unstructured data
- Other systems for non-SAP data
- Document systems & procedures for SAP, non-SAP: *Evidence* and *Governance* of (human) GDPR processes

#### Talk Track: Information Lifecycle Management, OpenText, Process Control

## **Example Conceptual Overall Project Plan**



## **Core potential SAP Solutions – Phase 1** Requires services (SAP or partner) & Legal to Implement



Solution	Value in GDPR
PC	Custodian of GDPR compliance: digital evidence to the supervising authority. Breach management, compliant policies and privacy notices and procedures, lawful exclusions, DPIA results (and assessment), controls (with automated monitoring across SAP and non-SAP systems), audit evidence and action management, lawful purpose per process, third party management
IS	Data profiling and metadata management tool providing contiguous interrogation of the location of personal data across the estate for SAP and non-SAP systems, as well as assisting in managing personal data accuracy and consistency.
Celonis	Cutting edge HANA-powered process mining technology to understand and visualize which processes actually 'touch' personal data, as opposed to the ones you think do, with real-time cross-platform big data surveillance for SAP and non-SAP systems.

PC: Process Control; IS: Information Steward

## **Core potential SAP Solutions – Phase 2 & 3** Requires services (SAP or partner) & Legal to Implement



Solution	Value in GDPR
OT	Flexible powerful 'digital vault' and delete regime. Already supports ILM functionality, in addition handles paper doc digitising and meta tagging, unstructured to structured data management.
IAM: AC,AVM DAM, UI-M	Manage lawful user access, blocking unlawful access to personal data. Cover active business systems, contracted processors, archives, employee enrolment. AVM connects to non-SAP.
DLP: ETD, DAM, UI-L	Monitor, log and categorise read access to personal data. HANA-powered ETD is a big-data real- time security event detection and management tool for application-level access processing and pattern analysis: real time breach, inappropriate access, investigation and remediation.
ILM	ILM is a powerful SAP-only tool for tagging personal data across multiple environments and managing the procedures for deleting and archiving with defensible legal retention requirements.
BI	Develop a dashboard as a 'single place to go' for real-time GDPR compliance status, drill-through into topic details.

OT: OpenText; ILM: Information Lifecycle Management; AC: Access Control; DAM: Dynamic Authorization Management; AVM: Access Violation Management, UI Tools: Masking & Logging; ETD: Enterprise Threat Detection; BI: Business Intelligence

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# **Business Value in GDPR from SAP Solutions**

# Keys to GDPR ROI

- 1. Reduces cost of compliance (*not* just GDPR) and decreases likelihood of a fine
- 2. Reduces organizational and individual risk, leads to better to business planning/mission
- 3. Supports good data governance
- 4. Reduces cybersecurity & reputational risk
- 5. Smaller, better organized IT toolset
- 6. Addresses user privilege administration
- 7. Enables greater organizational agility

### Protect Value

- Respect laws and regulations
- Reduce losses
- Improve governance and internal controls

## Create Value

- Improve overall management
- Release 'maintain the lights' budget for innovation
- Enhance reputation, talent retention

#### Internal, Named Partner



# Thank you

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