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Business Solutions**  
Make Innovation Real

SAP UI Data Protection Suite

# Take protection of your crown jewel data assets to the next level

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- 1 Business needs and use cases
- 2 Solution overview & features
- 3 Demo

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# Business Needs

addressed by the SAP UI Data Protection suite

1

## Manage access to sensitive data across the organization to...

- safeguard business-critical operations
- prevent data leaks and misuse by internal employees

2

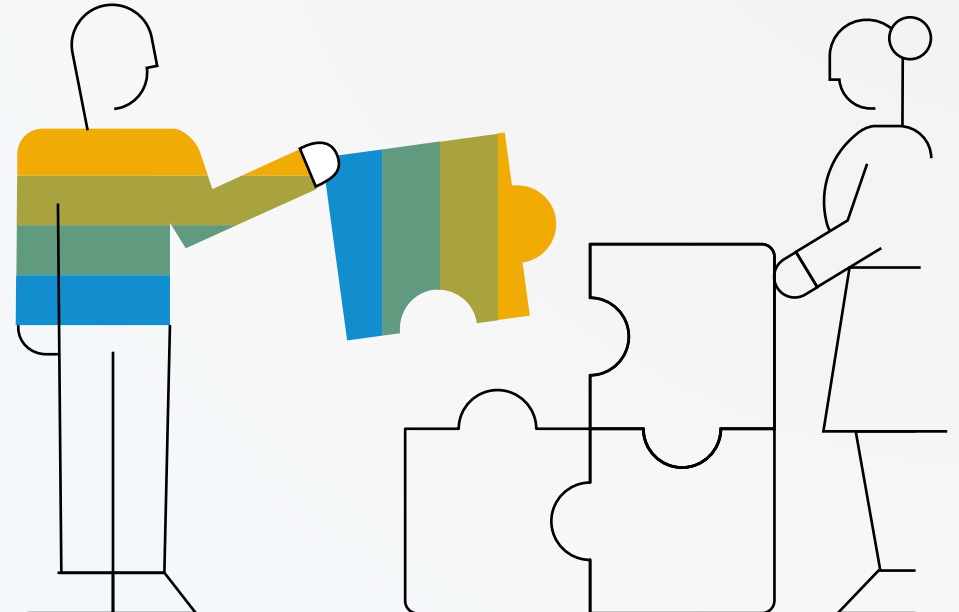
## Get insight on data access activities to...

- understand user behaviors and interpret intentions
- decide on the best course of action

3

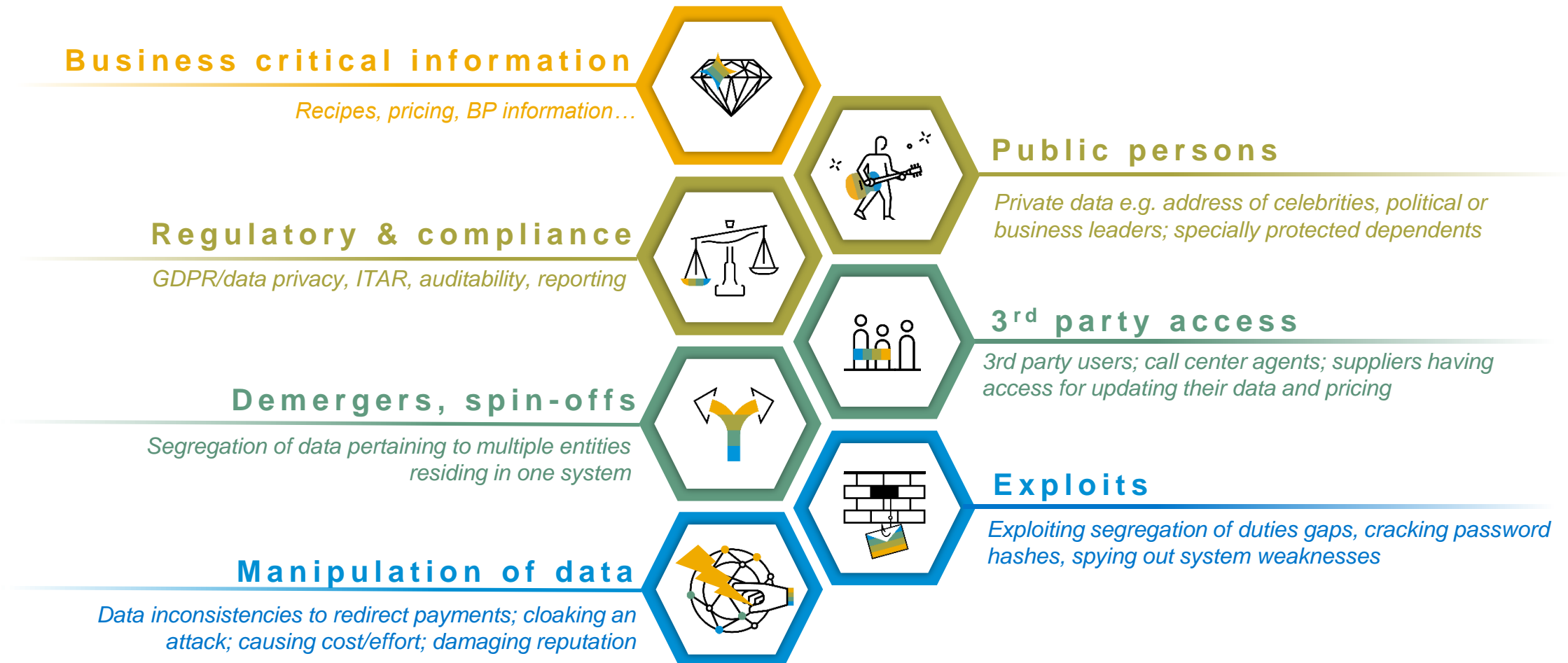
## Keep an audit trail of data access to...

- comply with increasing regulatory and business requirements
- provide evidence during an investigation



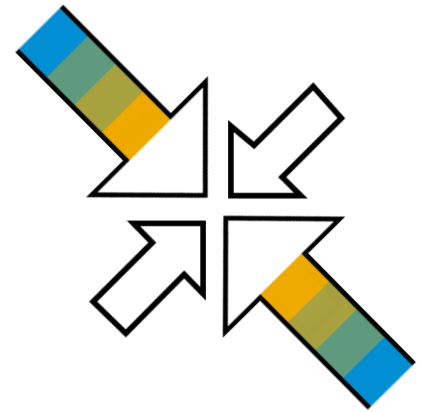
# Common use cases around UI Data Protection

SAP systems host mission critical data and the processes underpinning business integrity and success





**Protecting data on the UI layer:  
two step approach**



# UI Data Security: **two step approach** to protect data from insiders



## UI Masking

**conceal specific data –  
unless required for tasks**

**→ make sensitive data  
unavailable for data abuse**



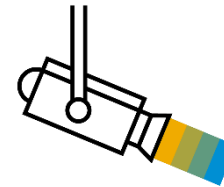
**Lock it...**



## UI Logging

**keep data accessible – and create a  
broad + deep log of data access**

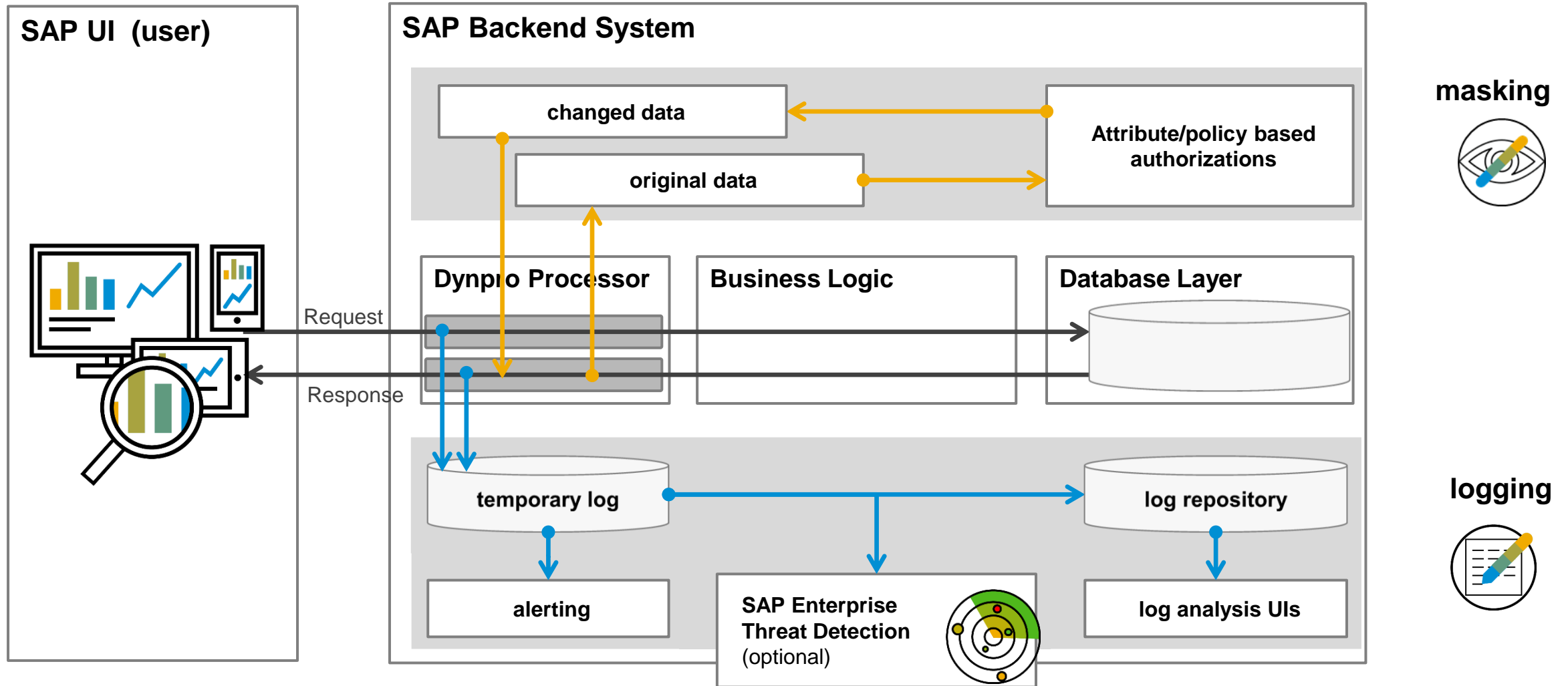
**→ induce compliant behavior  
→ identify & prove irregular data usage**



**...or log it!**

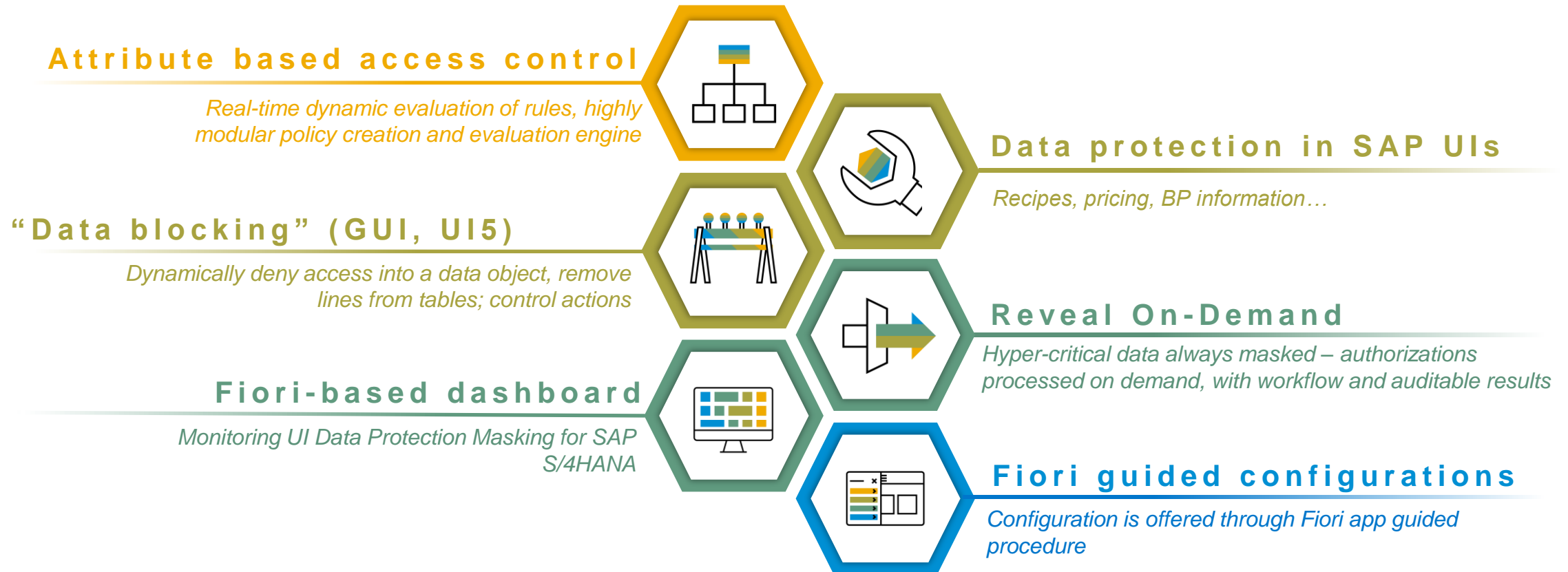
# UI Data Protection Masking & Logging

High level solution architecture



# Key Capabilities of SAP UI Data Protection Masking

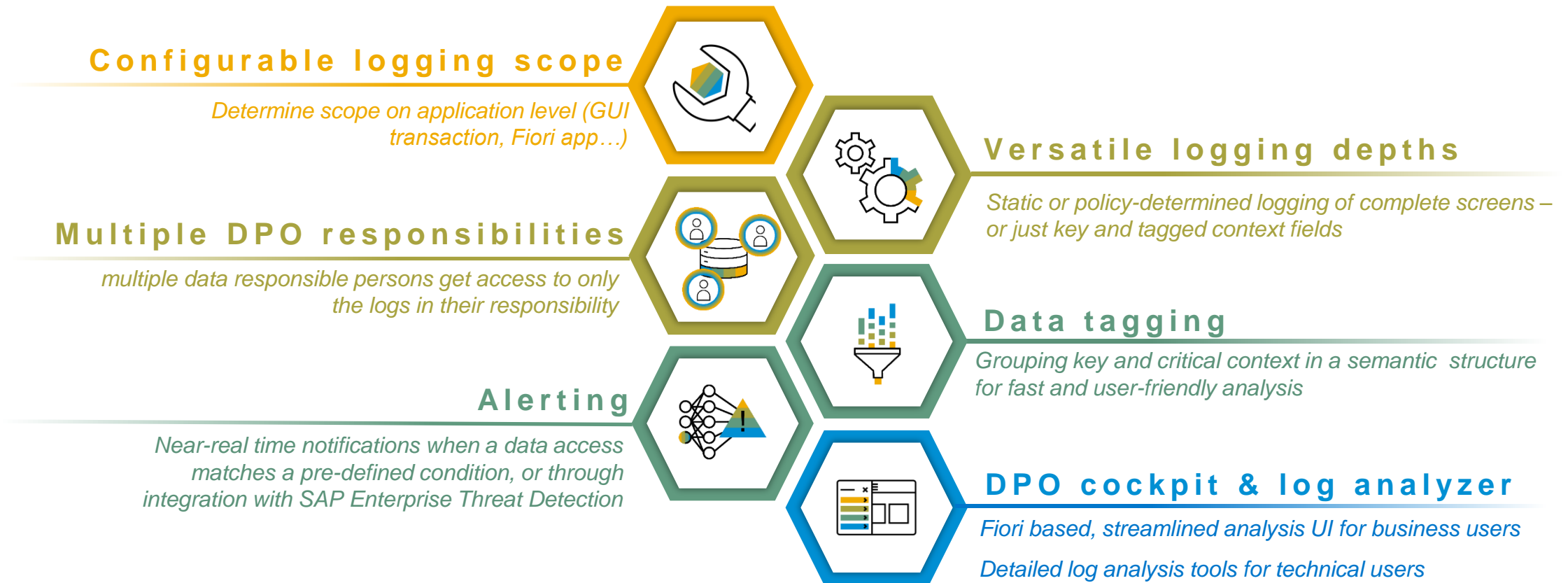
Concealing sensitive data on the UI layer in addition to existing authorizations





# Key Capabilities of SAP UI Data Protection Logging

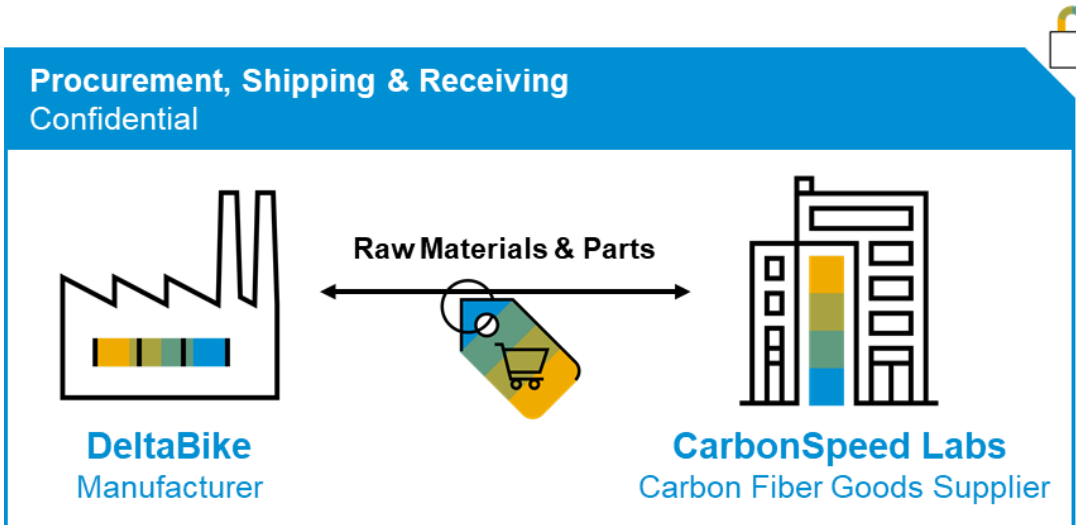
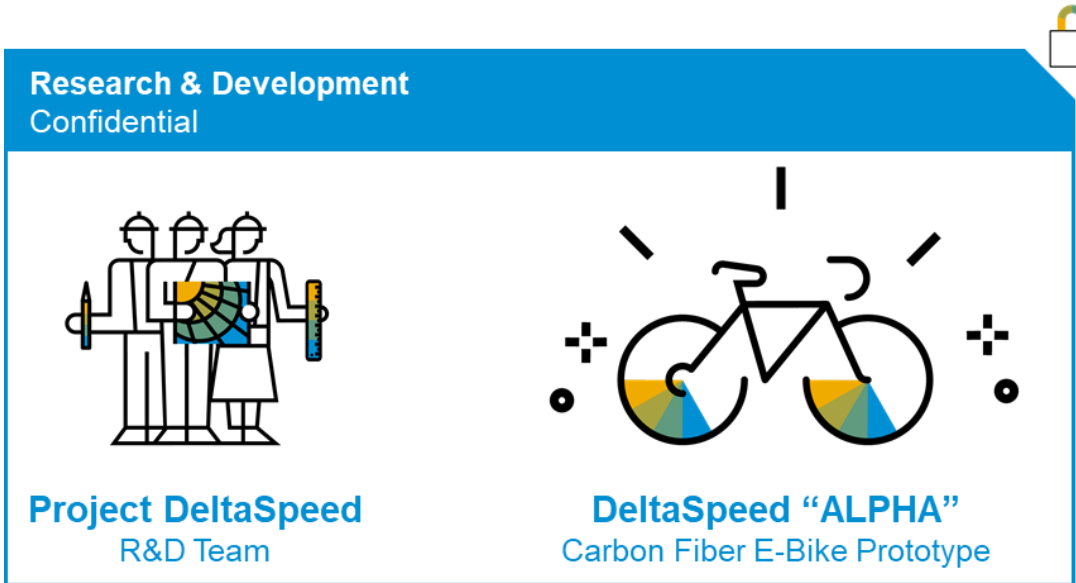
Enabling UI level data access logging with real-time alerting and analysis tools



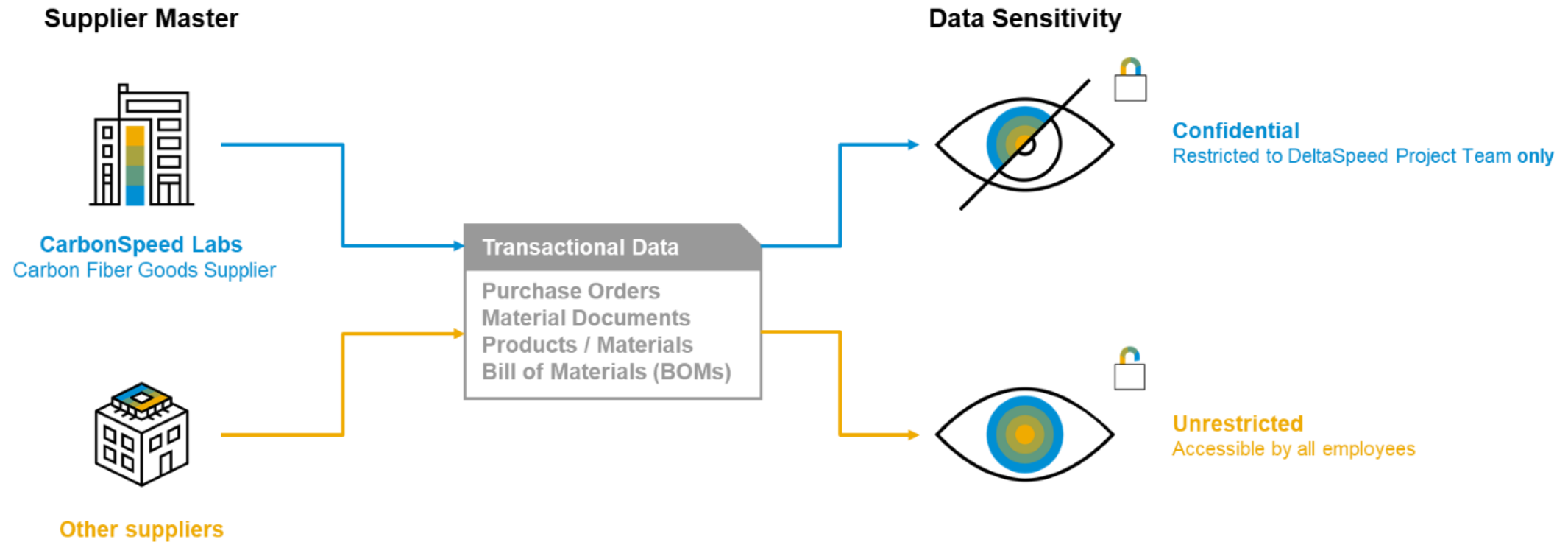
**Demo time!**



# Demo scenario: DeltaBike – business background



# Demo scenario: DeltaBike – authorization challenge



# Demo scenario: DeltaBike – authorization setup



**Ben Collins**  
ID: BCOLLINS  
Warehouse Operations



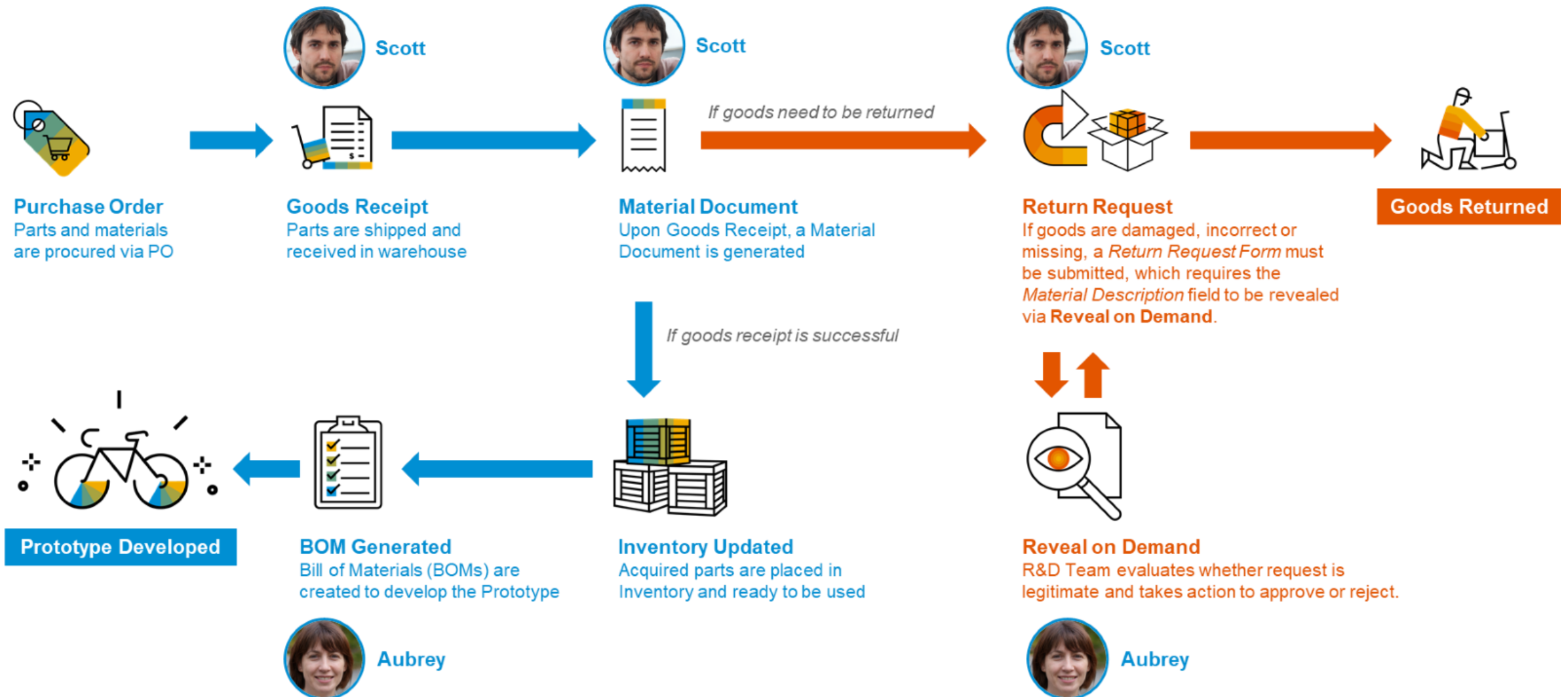
**Scott Morgan**  
ID: SMORGAN  
Warehouse Operations



**Aubrey Myers**  
ID: AMYERS  
Product Design, R&D Lead

		Level 1	Level 2	Level 3
Membership	Security Clearance			
	DeltaSpeed Team Member?	X	✓	✓
Shipping & Receiving	Material Documents (Goods Receipt)	X	Anonymized (with <b>Reveal on Demand</b> option)	✓
	Purchase Orders	X	Anonymized	✓
Research & Development	Product / Material Master	X	X	✓
	Bill of Materials (BOM)	X	X	✓

# Demo scenario: DeltaBike – process flow





# Business value



# Business Value

## of SAP UI Data Protection Suite



1

### **Compliance with regulatory and legal requirements**

by providing controls to safeguard sensitive data and evidence during an investigation or audit.

2

### **Cost avoidance: Minimize financial and reputational risks**

by reducing the probability and severity of data breaches and taking the most intelligent course of action

3

### **Complexity avoidance: Allow flexibility and accountability**

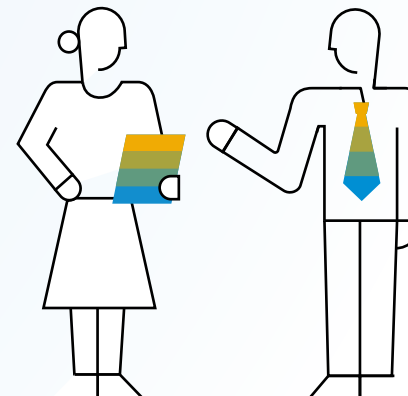
through the granular, situation dependent authorization decisions and approval-based access, elegantly integrating with SAP transactional systems

#### **SAP Data Protection UI Logging**

“A cardiologist accessing data from oncology? That may be justified – or not. With UI based logging, we can identify and check such activities, and take appropriate measures if necessary.” - *IT Security Project Manager from public healthcare company in Germany.*

#### **SAP Data Protection UI Masking**

“The masking solution does exactly what it promises:  
it blocks unauthorized access to sensitive data and prevents damage caused by mass downloads.”  
- *Manager SAP Basis from Processing Industries in the USA.*



# Thank you.

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## Further Information

SAP UI Data Protection Community Topic page:  
<https://community.sap.com/topics/ui-data-protection>

- Product presentations
- Blogs: use cases, configuration examples
- Demo recordings

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