Compliance in the Cloud – SAP Risk and Assurance Management

Alain-Brieuc Gall, SAP
Strategic Product Manager
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SAP RAM can support business process owners for …

**Internal Controls
over Financial Reporting**
IFRS; local GAAP, Accounting....

Tax compliance

Fraud Detection

**ESG - Environmental
Social Governance**

Data Protection

SOX compliance

+ … and many more use cases

SAP Risk and Assurance Management

Next-generation GRC control & risk solution for the cloud

- **Leverage one platform** for many uses cases across the enterprise

- **Transform governance, risk, and compliance (GRC)** from a cost factor (imposing task) to a strategic differentiator (business optimization)

- **Process integration** into S/4HANA Public Cloud, Private Cloud Edition, on premise as well as hybrid scenarios

Risk-Based Control Management

Control Execution

Result Processing

Issue and Remediation Management

Compliance Reporting & Optimization
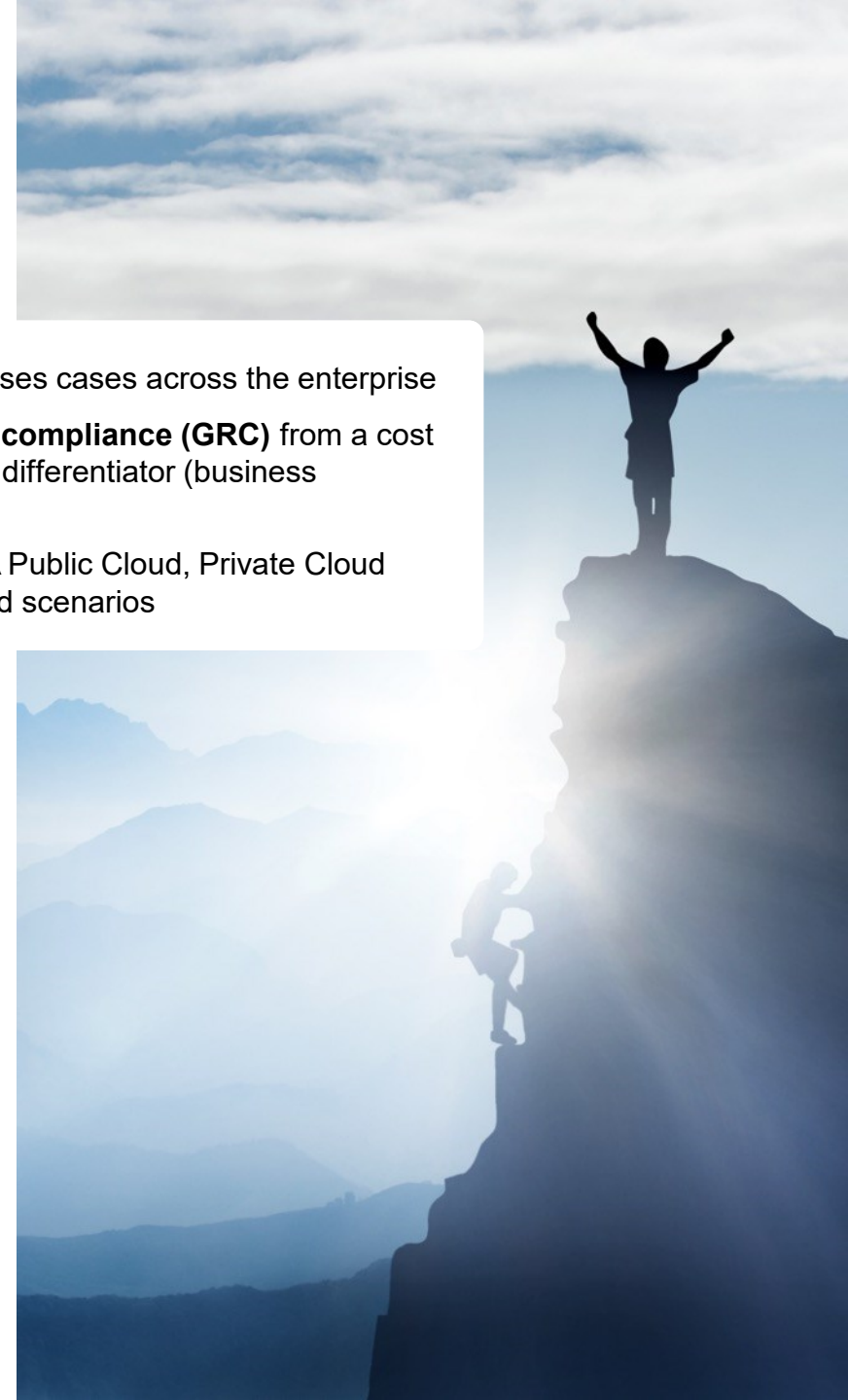
COMPLIANCE MANAGEMENT

RISK MANAGEMENT

Risk Monitoring

Risk Reporting

Risk Identification

Risk Assessment

Risk Mitigation

SAP Risk and Assurance Management – Key components

Control Universum: Documentation of controls for a wide range of business processes in one solution

Risk evaluation: Qualitative and quantitative Risk. Gross and net, taking control status into account

Control execution (1st Line) and Control monitoring (2nd and 3rd line): Manual via test plan and questionnaires + automated by accessing ERP systems. Support ICS department for test of effectiveness and control assessment

Signavio-Integration: Take over of processes, risks and control, map Controls/Risks to processes

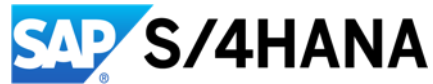Investigation and Remediation: Distribute issues to the responsible via workflow and have them corrected

Monitoring: Embedded Dashboards for the continuous compliance monitoring + Odata Service for custom-made reports

Risk Assessments

Control assessments

Compliance Universe: Risks and Controls

Reporting

Issue and Remediation Management
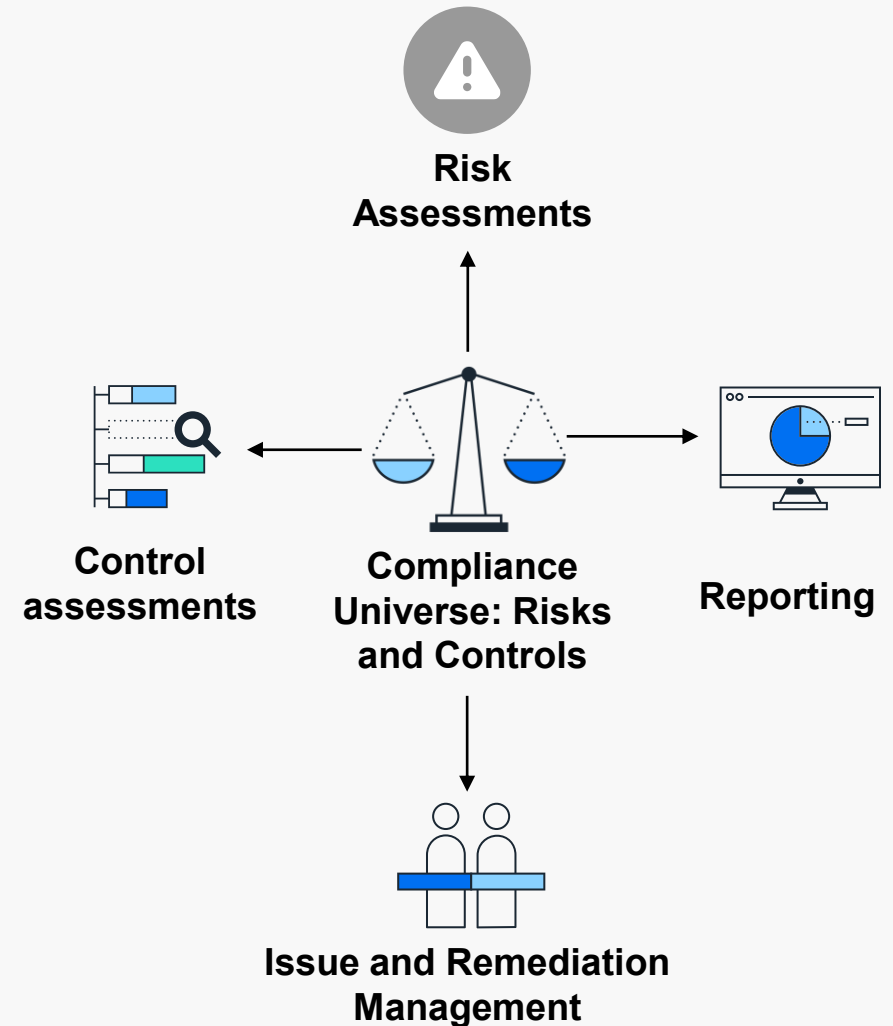
Integration of Automated Controls

SAP Risk and Assurance Management checks the data directly in the source system

- Call of **CDS views** in **S/4HANA** (Cloud or On-Premise/Private) or other ERP Systems via Odata Services
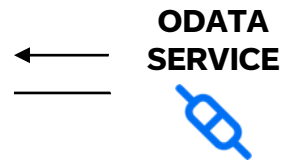- We only transfer the findings from the source system to RAM

SAP S/4HANA

FIORI FRONTEND

BACKEND

CDS view

HANA DATABASE

data table

ODATA SERVICE

Procedure und Parameter

Results

Work Package

Control

Automated Procedure

SAP Risk and Assurance Management
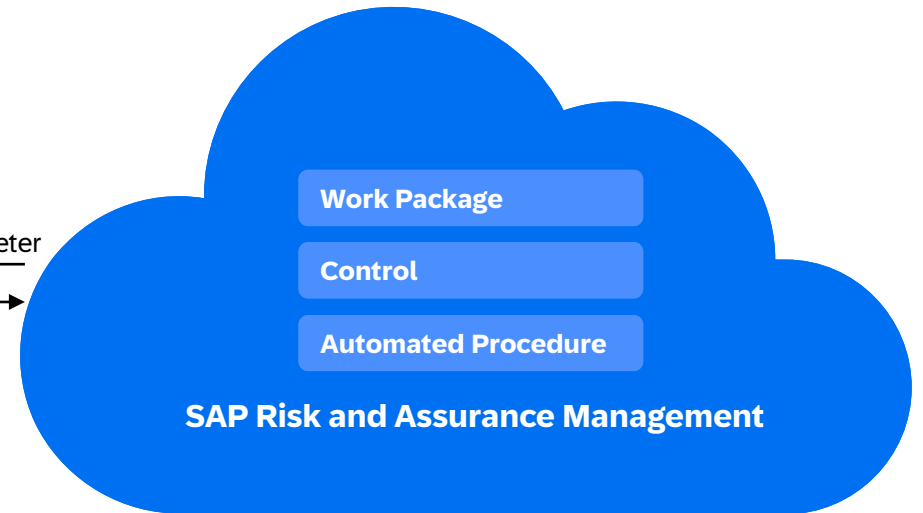
SAP Business Technology Platform

GRC Content Hub Service: Value added from Day 1!

1

What is the GRC Content Hub Service good for?

- **Included in SAP RAM** providing 80+ pre-defined controls as part of the Baseline Content
- **Allows partners to monetarize expertise:** develop and sell business content for SAP RAM
- **After purchase by the customer:** business content pushed to customer's subaccount, ready-to-run

2

What's in it for me as partner?

- **Scale your business:** Define business content once, sell it multiple times
- **SAP Store:** easy entry point to promote and sell your business content
- **Every single € is for you:** no revenue sharing with SAP for sold business content
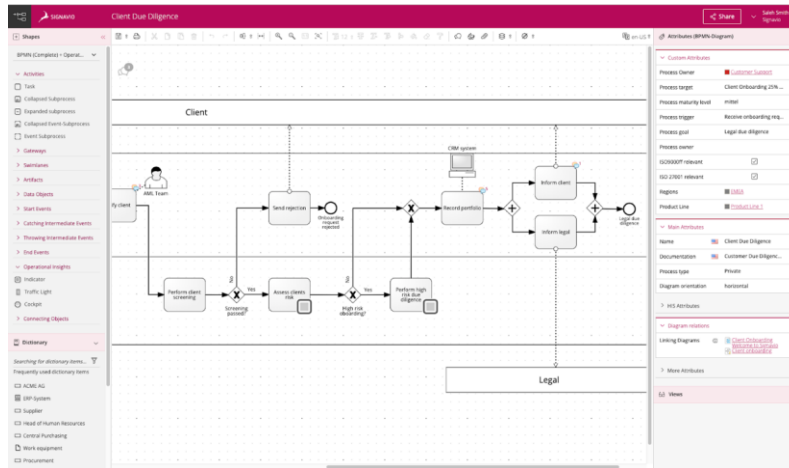
EY

Package for Tax:

130 pre-defined Automated Procedures, ready-to-run

3
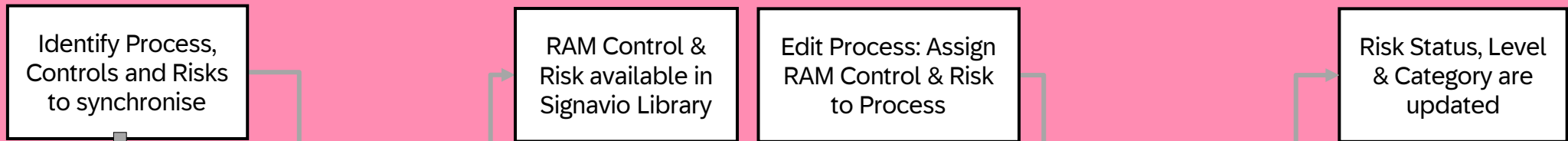
How can I become a content provider?

- Get an SAP RAM license at no costs and start developing your business content straight away
- Get onboarded to SAP PartnerEdge to start publishing your content: Link

SAP RAM and SAP Signavio Process Manager

1 **Understand business processes** (beyond tax).

2 **Manage controls and risks** to ensure processes are audit-proof, carried out as per regulations and policies.

3 **Synchronize business processes, controls and risks** to enable end-to-end view for data-driven decisions and control effectiveness.
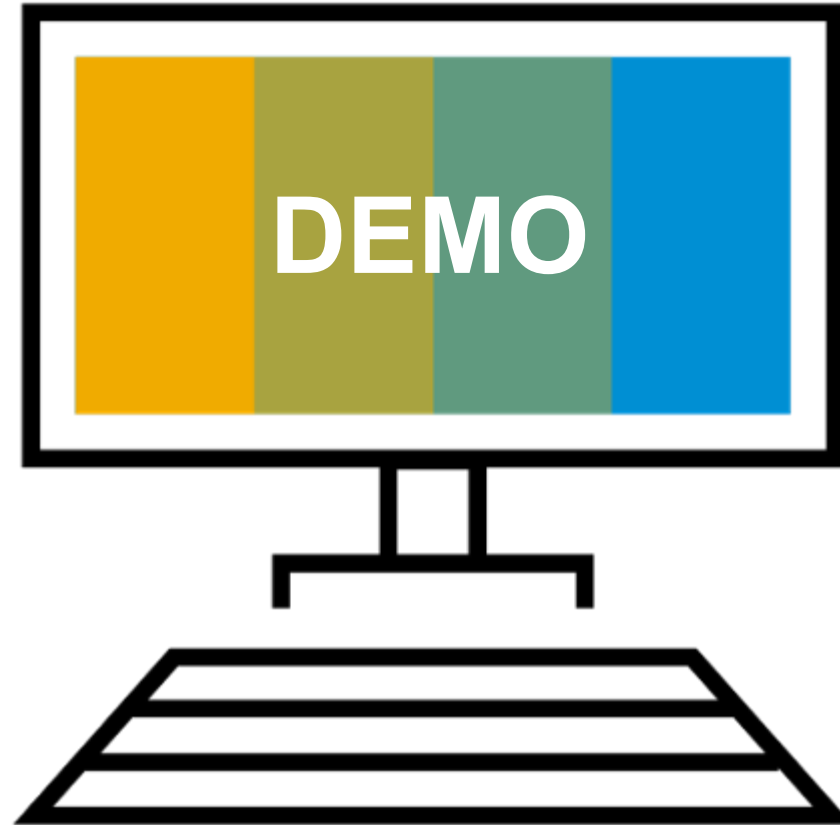
SAP Signavio	Identify Process, Controls and Risks to synchronise	RAM Control & Risk available in Signavio Library	Edit Process: Assign RAM Control & Risk to Process	Risk Status, Level & Category are updated
SAP Cloud Integration	1x setup configurations to enter GUID's for Signavio & RAM objects (processes, controls, risks). Automatic regular synchronisation.			
SAP RAM	Signavio Process appears in RAM + Enhance Controls & Risk*		RAM Control & Risk shows Signavio Process assignment	Risk Status, Level & Category are adjusted

*: the initial creation of Controls and Risks in RAM is either done manually or via synchronization from Signavio. Further maintenance to be done in RAM

Demo von SAP Risk and Assurance Management

Some Customers using SAP RAM

American Consumer Product customer	Producer of Chemical products: OCI	Worldwide logistic company

American Consumer Product customer

- Goal: guaranty the integrity of the accounting

- 30 self-developed Automated Procedures
  - Checks EoD, EoM, Pre-EoM checks
  - Check balances and postings

- 300+ Company Codes in S/4 OP

- 10+ Work packages

- 10 bis 300 Issues per day

- Integration with external ticketing system

Producer of Chemical products: OCI

- Support to comply with regulatory and audit requirements

- 100% use of Baseline Content

- Value Added:
  - Improve assurance transparency and compliance process efficiency
  - Early detection of issues and timely closure

Worldwide logistic company

- Tax CMS with SAP RAM

- Migration of 700 of their 900 company codes to S/4 Public Cloud

- Migration of SAP Tax Compliance to SAP RAM

- Central compliance system with SAP RAM integrating 200 Company Codes on Premise and 700 Company Codes on Public Cloud

Focus topics for 2025+

Risk, Integration, AI, Reporting

H1/2025

- 7 new Automated Procedures for the Baseline Content for CE 2502, OP 2023 FPS3
- AI: Decision support to automatically close issues
- AI: Joule to query Help Portal
- Integration with SAP Document Reporting Compliance (On-Premise)
- New SAC Stories (Enterprise & Embedded)
- Signavio-RAM Integration 3.0
- Operational dashboard for Controls + for Risks
- Instance-Based authorizations for Issues, Controls and Risk
- Master Data synchronization from S4
- Policy Management

H2/2025

- AI: Joule for analytics (JustAsk)
- AI: Joule to convert text into a step-based Manual Procedure
- AI: first integration with Regulatory Insights
- Risk: Workflow (Approval/Assessment), 3-Points Analysis
- Supplier Risk and IT Risk
- Extension of SAC Stories to include Risk data
- Integration with SAP Identity Access Governance
- Integration with SAP Document Reporting Compliance (Cloud)
- First integration with Business Data Cloud
- Internal Control System Framework

2026+

- AI: Payment anomaly detection
- Preventive checks into S4 processes (stop payment + further use cases)
- AI capabilities to recommend new controls and risks to self-improve control & risk definition/execution
- AI: Complete integration with Regulatory Insights
- Audit Management capabilities

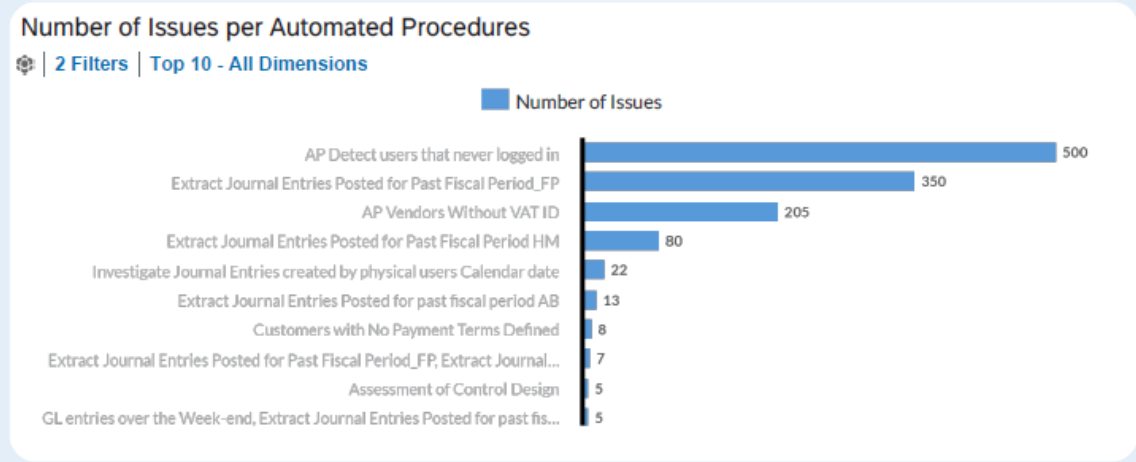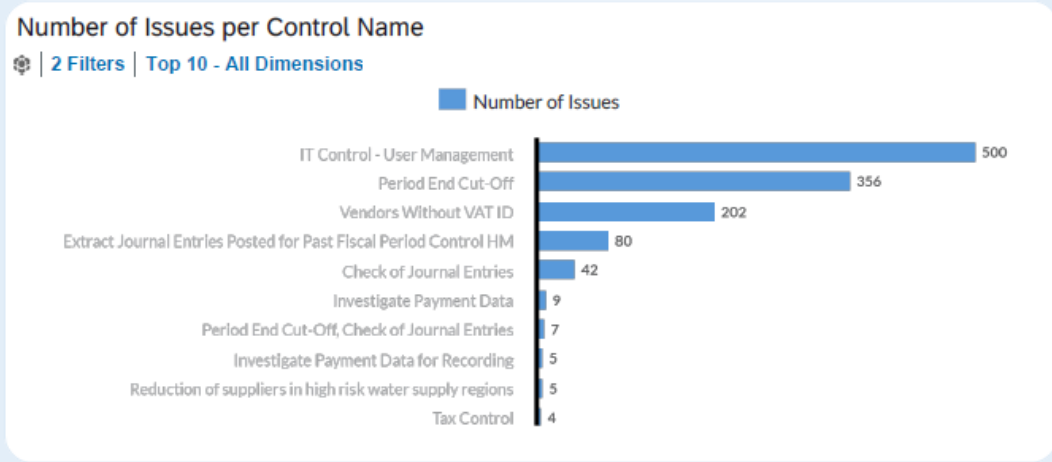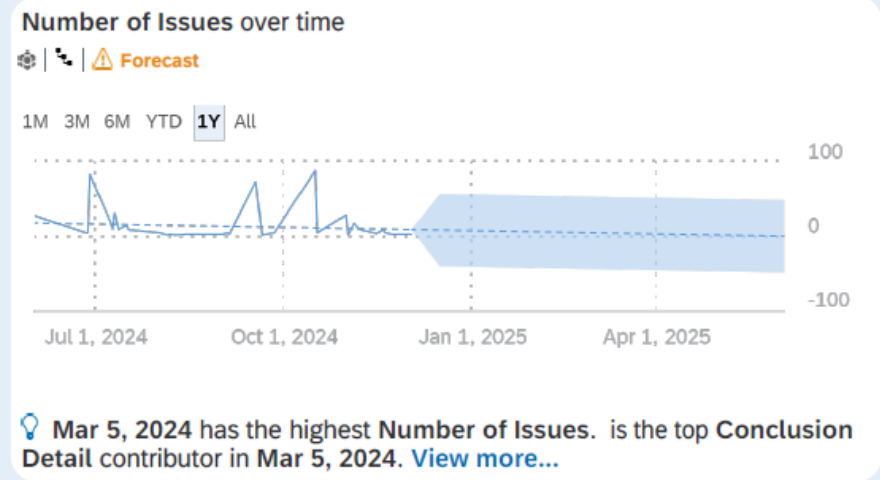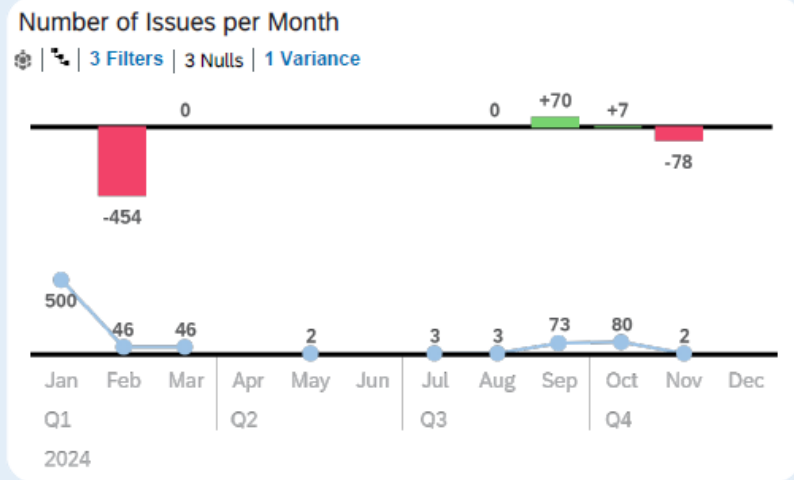# New SAC Story for Enterprise and embedded SAC (extract)
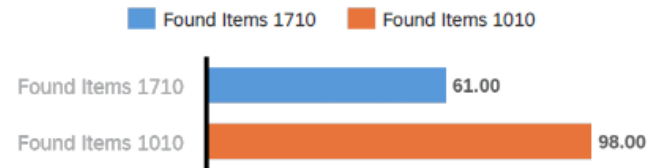
New SAC Story for Enterprise and embedded SAC (extract)

BUSINESS DATA DETAILS   Dec 19, 2024
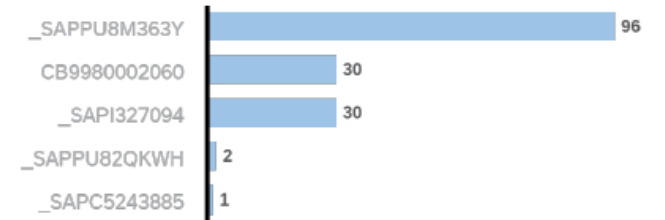
Found Items per Company Code

- Found Items 1710
- Found Items 1010

Found Items 1710	61.00
Found Items 1010	98.00

💡 The total so far for **Thu, Mar 16** is 96.00. **View more…**

Found Items per Ledger

- 1710
- 1010

OL: 61 | 98 | 159
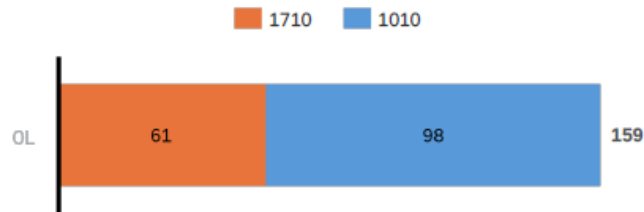
Found Items per Accounting Document Type

_SAPPU8M363Y	96
CB9980002060	30
_SAPI327094	30
_SAPPU82QKWH	2
_SAPC5243885	1

Found Items 1010 per Journal Entry Item
⚙ | 1 Filter | Top 10 - All Dimensions

- Found Items 1010

1	Average 57.00
2	30.00
4	10.00
3	1.00
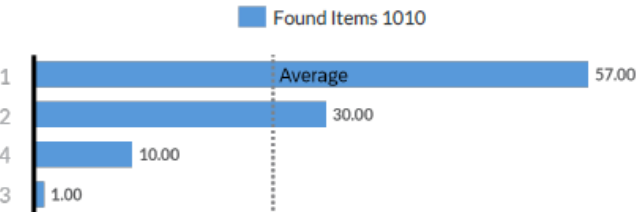
Found Items 1710 per Journal Entry Item
⚙ | 1 Filter | Top 10 - All Dimensions

- Found Items 1710

2	Average 46.00
1	15.00
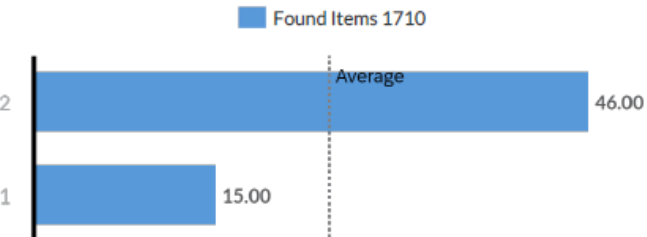
Found Items
⚙

Company Code	Journal Entry	Destination	Ledger	Work Package	Procedure
1010	100324704	FCMS4HC	OL	WP Period End Cut-Off_FP 2023 Jul 18, 2090	Extract Journal Entries Posted for Past F
				WP Period End Cut-Off_FP 2023 Jul 18, 2103	Extract Journal Entries Posted for Past F
	100324709	FCMS4HC	OL	WP Period End Cut-Off_FP 2023 Jul 18, 2072	Extract Journal Entries Posted for Past F
	100325480	FCMS4HC	OL	WP Period End Cut-Off_FP 2023 Jul 18, 2121	Extract Journal Entries Posted for Past F
	100325482	FCMS4HC	OL	WP Period End Cut-Off_FP 2023 Jul 18, 2097	Extract Journal Entries Posted for Past F
	100325617	FCMS4HC	OL	WP Period End Cut-Off_FP 2023 Jul 18, 2110	Extract Journal Entries Posted for Past F
	100325619	FCMS4HC	OL	WP Period End Cut-Off_FP 2023 Jul 18, 2071	Extract Journal Entries Posted for Past F
	100325625	FCMS4HC	OL	WP Period End Cut-Off_FP 2023 Jul 18, 2067	Extract Journal Entries Posted for Past F
	100325627	FCMS4HC	OL	WP Period End Cut-Off_FP 2023 Jul 18, 2024	Extract Journal Entries Posted for Past F

SAP Risk and Assurance Management …

- …supports the goal of compliance with an out-of-the-box cloud solution

- …contains a ready-to-use library for automated procedures (SAP and partner content)

- …reduces the overall costs of compliance through simple system provisioning, content, dedicated consulting services to accelerate set-up, simple user experience and clear, audit-proof processes

SAP for **Internal Controls, Compliance and Risk Management Conference**
March 11-12, 2025, Budapest

SAP
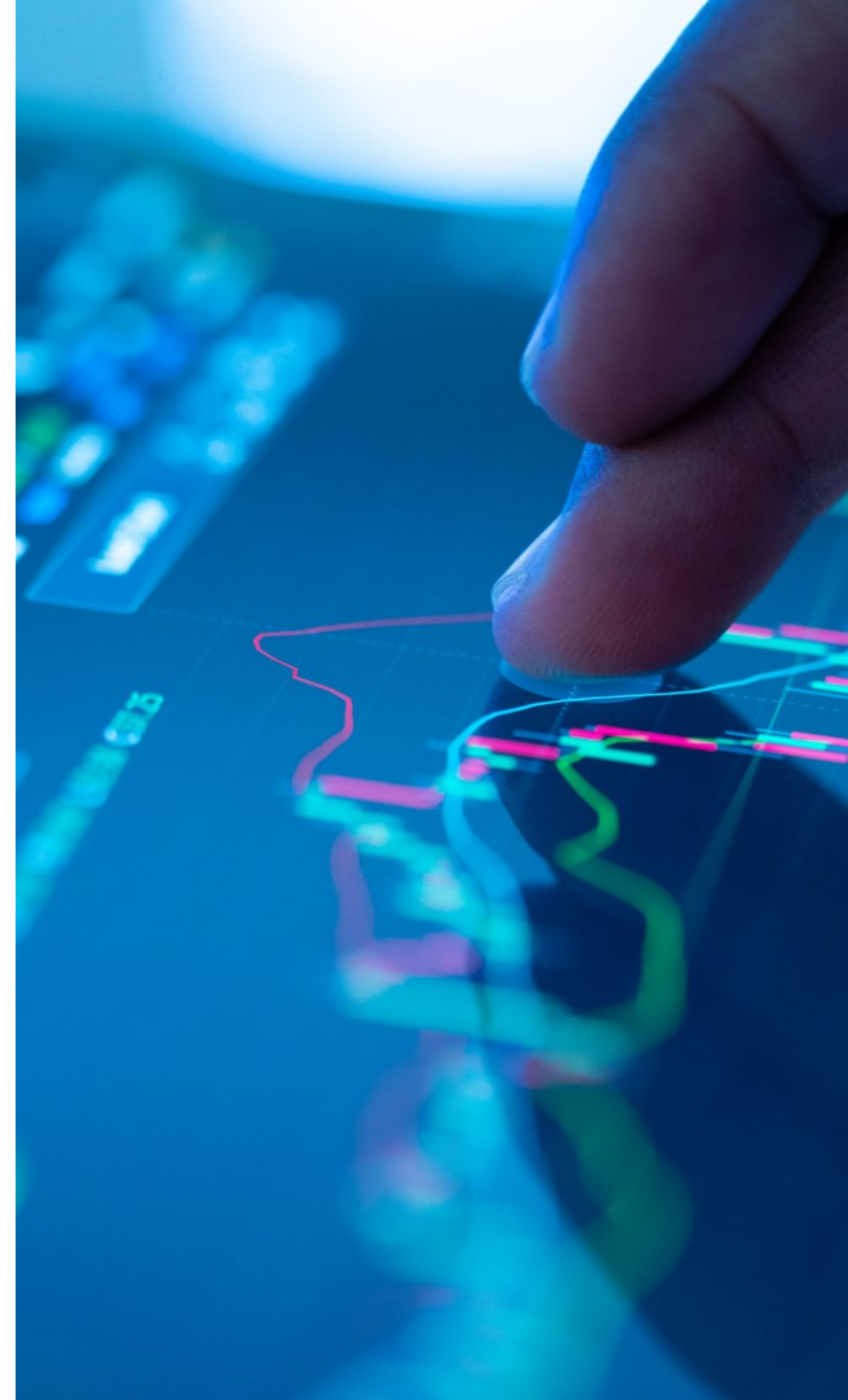
Thank you.

Alain-Brieuc Gall
Strategic Product Manager
SAP Risk and Assurance Management

alain-brieuc.gall@sap.com

SAP SE
69190 Walldorf