



# Turn Risk into Reward with SAP Enterprise Risk and Compliance Solutions (Overview and Roadmap)

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**SAP**insider  
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## In This Session

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This session provides an overview and roadmap of SAP Enterprise Risk Compliance solutions and looks at how they can support continuous, automated risk and compliance monitoring across systems and processes.

- Learn how to manage risks while accomplishing business goals.
- Reduce the time and costs associated with risk management and compliance.
- Gain advanced insight into abnormalities and risks.
- Discover how to reduce auditing costs and risks.



# About this Document

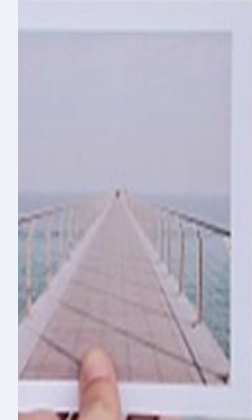
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# Agenda

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- Introduction
- Overview
- Recent Innovations
- Roadmap
- Wrap Up





# 01 Introduction

## Challenges and Opportunities Driving Transformation



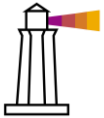


# Challenges and Opportunities Driving Governance, Risk, and Compliance (GRC) Transformation

## Need for managing increased risk and volatility



Rapid onset and diversity of risk events and potential for catastrophic losses



Stakeholder pressure for more reliable view of risk, accountability, transparency



Global reach and complexity of regulatory requirements



Growing focus on internal controls as a means of assurance over corporate and government resilience

## Proliferation of new business models and technology



Real-time processes that allow redesign of legacy practices for risk and control monitoring



Advances in predictive and machine learning capabilities, RPA adoption



Digitalization results in speed and accuracy pressure for Audits, Due Diligence, M&A, IPO, with increasing volume, velocity and variety



Collaboration within and beyond the four walls of the organization, which requires controlled information sharing and judgement of fair and accurate representation of company finances



## 02 Overview





# SAP GRC and Security Solutions

## Solution mapping to key themes



### Enterprise risk and compliance

- ✓ Manage risks, controls, and regulatory requirements in business operations
- ✓ Screen third parties and detect anomalies and fraud
- ✓ Provide independent assurance of risk and compliance standards



### Identity and access governance

- ✓ Manage access for enterprise applications – cloud or on-premise
- ✓ Manage identities, authorized information access, data use, and sharing conditions
- ✓ Eliminate excessive logins with single sign-on
- ✓ Mitigate access risk violations and monitor financial impact



### Cybersecurity, data protection, and privacy

- ✓ Manage cyber risk with greater alignment to information security standards
- ✓ Identify potential cyber threats and vulnerabilities in applications
- ✓ Secure files and data using transportable policies and encryption
- ✓ Enable greater control with sensitive data masking and logging



### International trade management

- ✓ Manage import and export compliance as well as free trade agreements in global supply chains
- ✓ Optimize trade utilizing special customs procedures such as bonded warehouses, processing trade in China, and free trade zones in NA
- ✓ Screen third parties for improved compliance



# SAP GRC and Security Solutions

## Solution mapping to key themes



### Enterprise Risk & Compliance

- ✓ **SAP Process Control**
- ✓ **SAP Risk Management**
- ✓ **SAP Audit Management**
- ✓ **SAP Business Integrity Screening**
- ✓ **SAP Financial Compliance Management**



### Identity & Access Governance

- ✓ SAP Access Control
- ✓ SAP Cloud Identity Access Governance
- ✓ SAP Access Violation Management by Pathlock



### Cybersecurity, Data Protection & Privacy

- ✓ SAP Enterprise Threat Detection
- ✓ SAP Customer Data Cloud
- ✓ SAP Data Custodian
- ✓ SAP Data Custodian, Key Management Service (KMS)
- ✓ UI masking for SAP
- ✓ UI logging for SAP

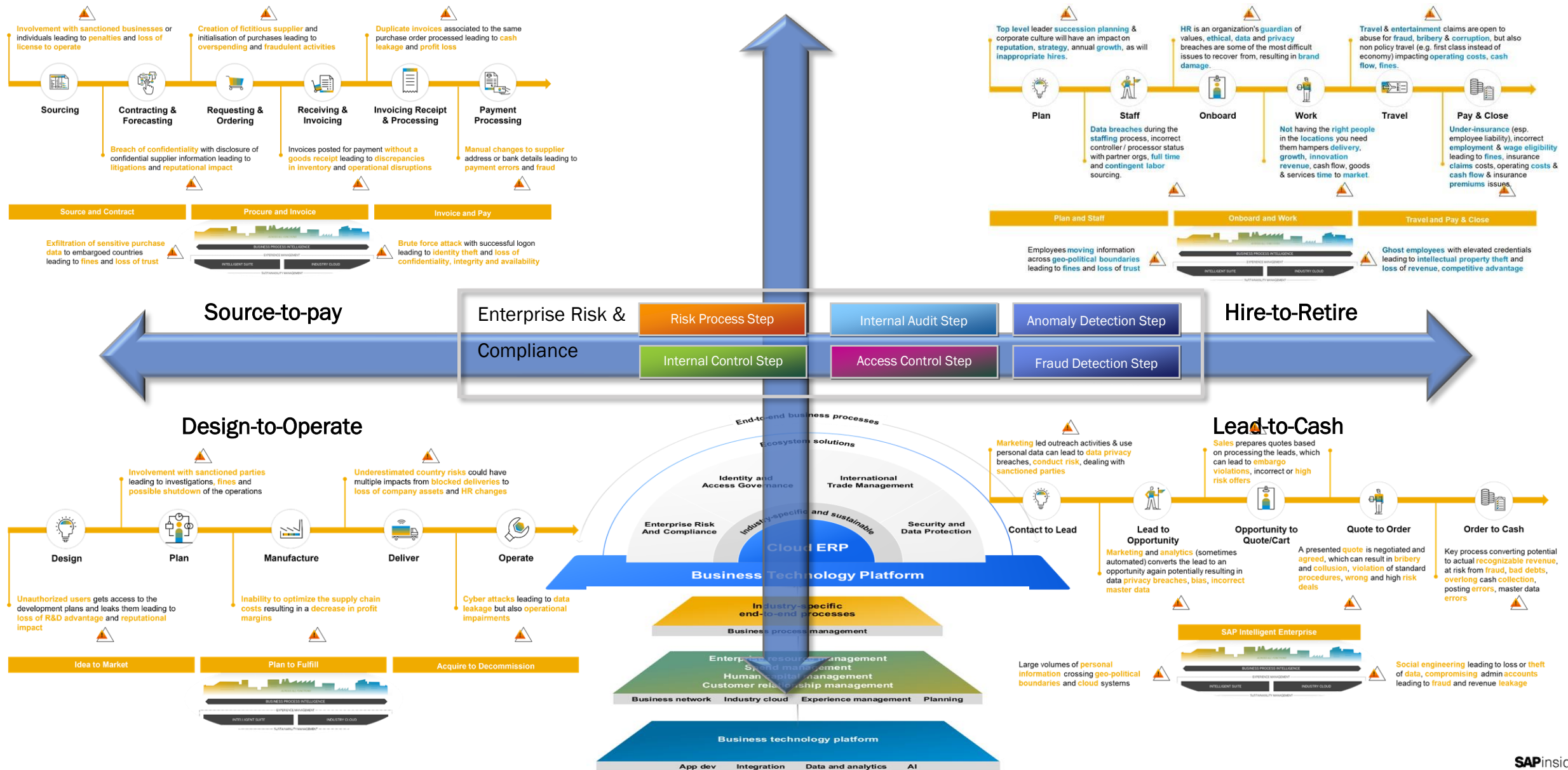


### International Trade Management

- ✓ SAP Global Trade Services
- ✓ SAP S/4HANA for international trade
- ✓ SAP Watch List Screening

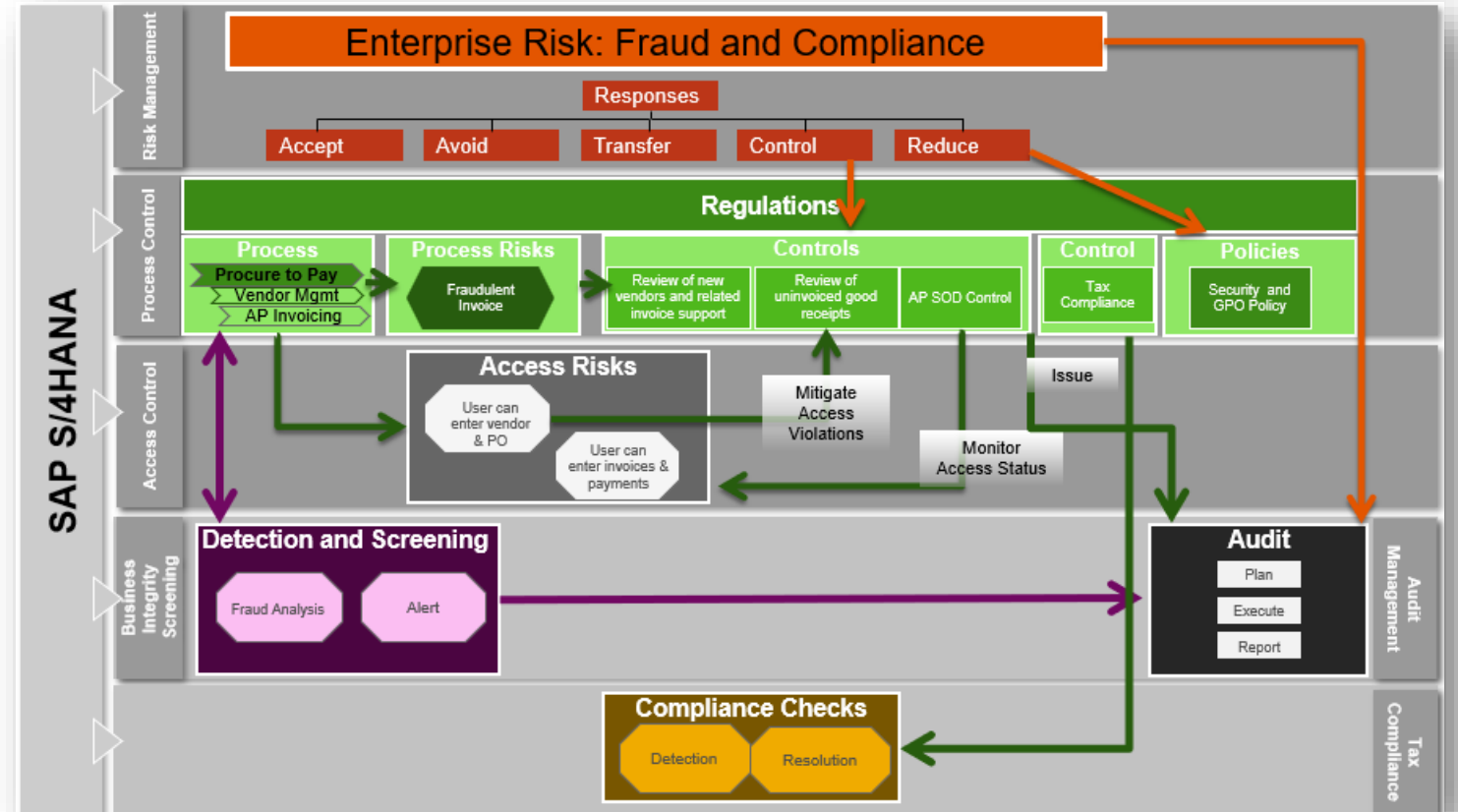
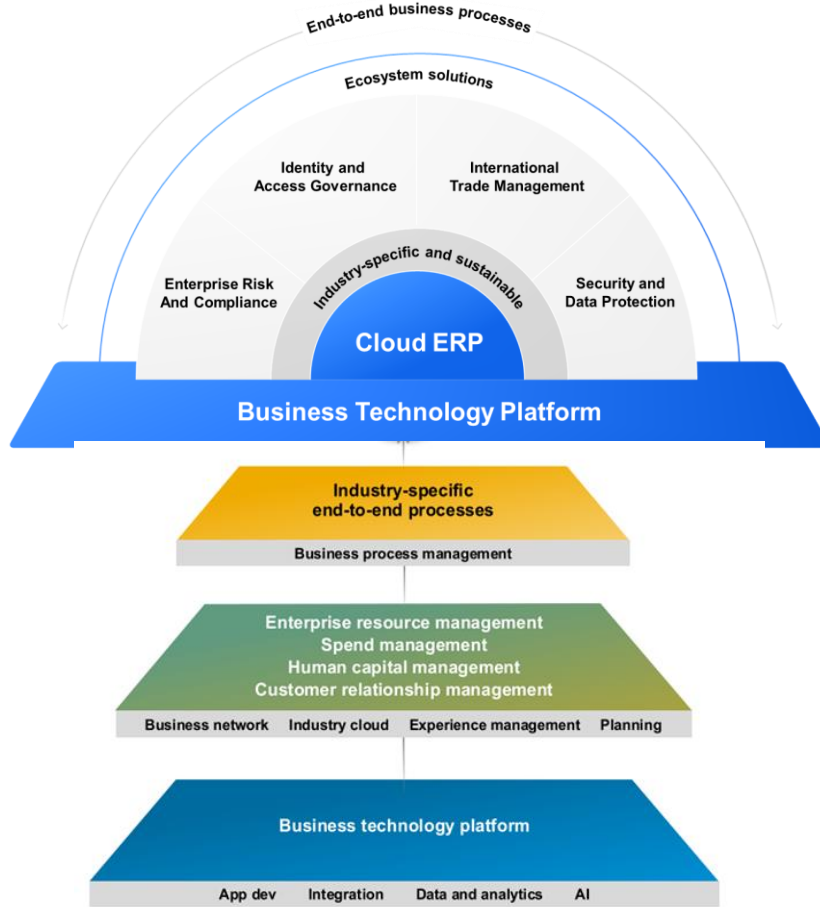


# Enterprise Risk & Compliance in SAP S/4HANA and the Intelligent Enterprise





# SAP GRC - Technology and Integration





# SAP Risk Management

## Preserve and grow value



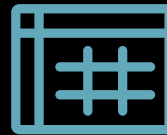


# Business Benefits of **SAP Risk Management**

Risk management is an important part of any business, and effective risk management can bring many benefits.



Understand how risks and controls can be optimized to meet strategic business objectives.



Monitor risk levels, risk drivers, and key risk indicators continuously.



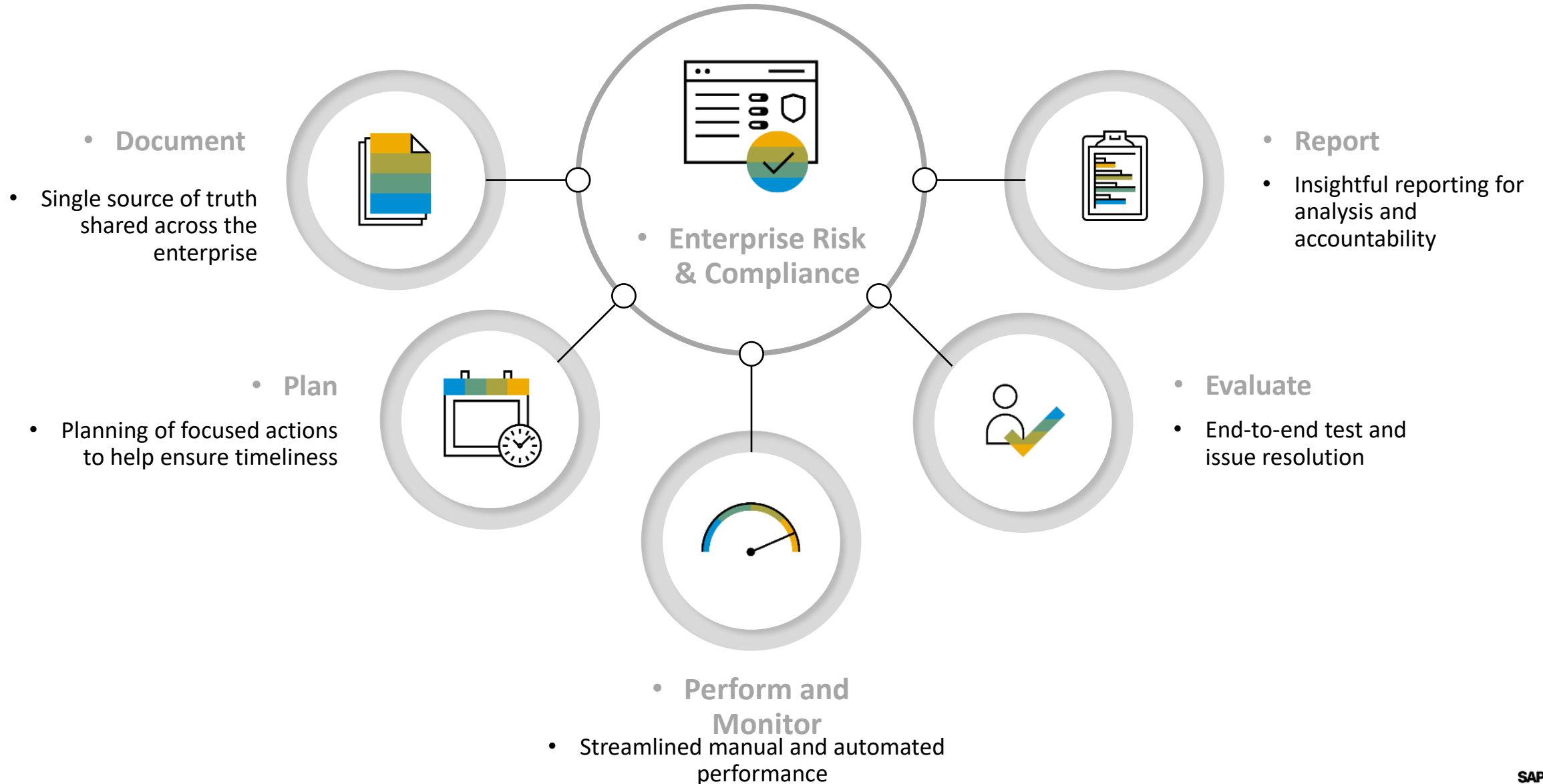
Identify and mitigate risks that can result in unacceptable losses.

Effective risk management can bring many benefits to a business, including gain insight into value-adding risks, scan the horizon for risks and opportunities, and preserve value by minimizing needless loss



# SAP Process Control

## Help ensure effective controls and ongoing compliance





# Business Benefits of **SAP Process Control**

SAP Process Control's Continuous Control Monitoring is a powerful tool for proactively managing compliance.



Streamline your process control operations by identifying, prioritizing, and focusing resources on key business processes and risks.



Gain real-time insights into all compliance and internal control processes with continuous control monitoring functionality.



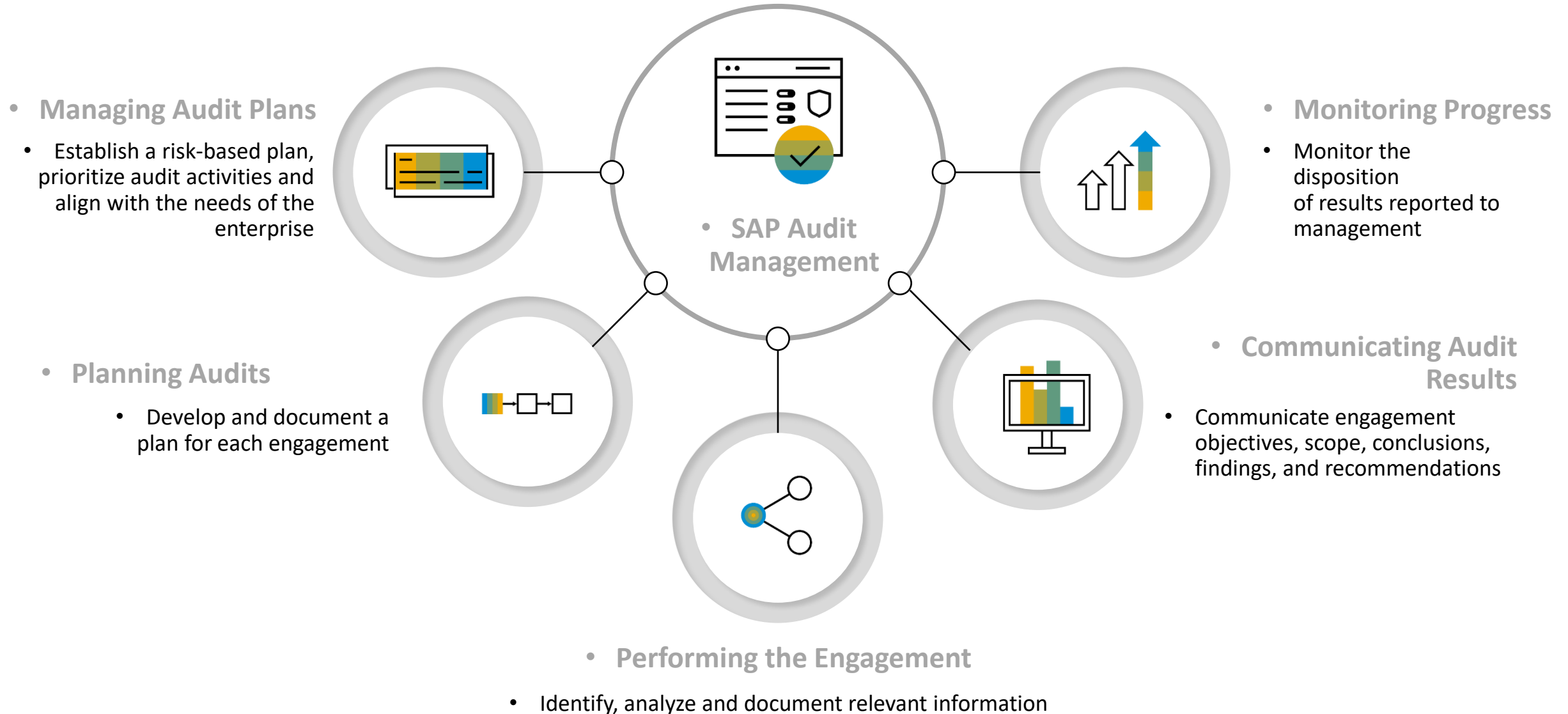
Support compliance efforts across regulations, including anti-bribery and corruption, financial compliance, IT controls, and industry-specific requirements.

Gain real-time insights into all compliance and internal control processes with continuous control monitoring functionality.



# SAP Audit Management

## Transform audit. Move beyond assurance.





# Business Benefits of **SAP Audit Management**

SAP Audit Management can help organizations gain a competitive advantage by streamlining their audit processes.



Choose high-value issues for further investigation and gain more precise insights with real-time audit analytics.



Empower internal auditors to perform timely risk assessments and collaborate in an integrated fashion.



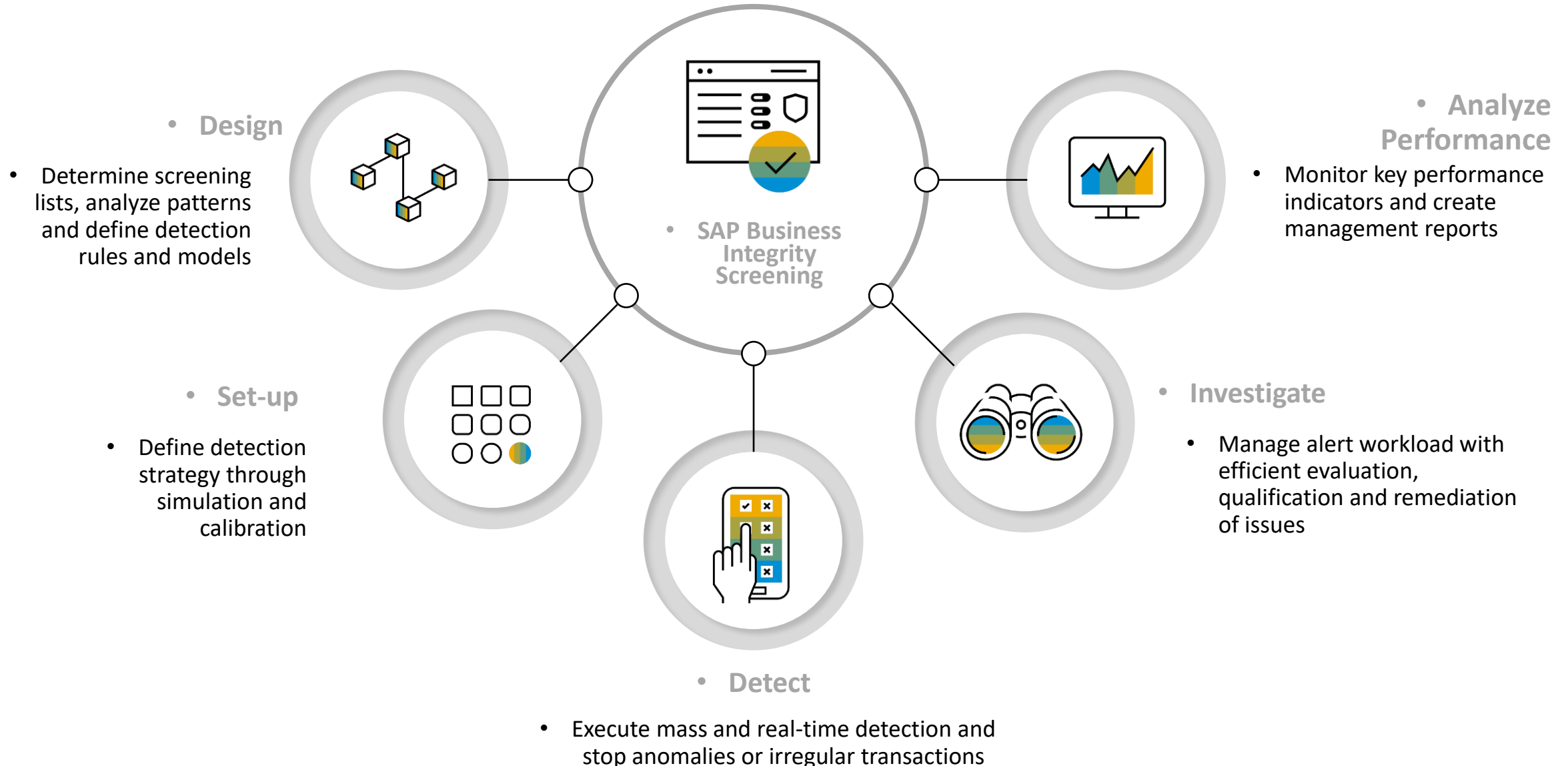
Reduce the cost of your internal audit procedures, while shrinking the cycle time needed to generate reporting.

“The SAP Audit Management application enables our internal audit team to provide management and the audit committee with **real-time updates on our audits** and the effectiveness of clearing management action plans across all of our segments, countries, and entities.”



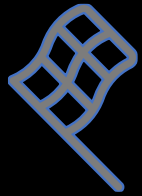
# SAP Business Integrity Screening

## Define detection and screening strategies using simulations and calibration





# Business Benefits of **SAP Business Integrity Screening**



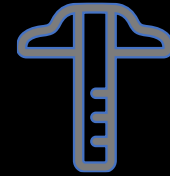
## Minimize fraud risk

Protect revenue and reduce fraud-induced losses by screening high volumes of transactions for anomalies



## Identify suspicious patterns

Use behavioral analytics to detect and investigate suspicious patterns, so you can take the necessary steps to mitigate future fraud risk.



## Increase productivity

Benefit from powerful analytics capabilities that reduce false positives, improving the productivity of investigative teams.

Improve the detection and prevention of anomalies to mitigate fraud risk and reduce losses – with powerful Big Data screening software from SAP.



# Business Benefits of **SAP Financial Compliance Management**



## Improve compliance efficiency and reduce costs

Adopt predefined, automated content to reduce manual workload and increase efficiency.



## Minimize the impact of control and risk failures

Shift your compliance practices from reactive to proactive by accelerating mitigation efforts with real-time alerting of predefined exceptions.



## Centralize and simplify compliance management

Benefit from a more intuitive compliance process with access to a consolidated view of statutory internal controls requirements and issues.

Improve Compliance with Confidence – Harnessing the Cloud



## 03 Recent **Innovations**









# SAP Process Control - CCM – MCP Integration

## Investment, Customer Value and Business Benefit



With SP14, respectively associated notes, we have delivered the integration of Manual Control Performance (MCP) and Continuous Control Monitoring (CCM)



- With the existing CCM
- › functionality based on data source and business rule, the control
- › logic is defined to generate exception data to be further analyzed and used for manual control performance.



- Business users can now combine automated controls with manual Control Performance for a holistic representation of associated tasks while automation is now supported to the extent possible.

## Look and Feel

## Video:



Manual Control Performance

Control Name: **Q2\_4\_1\_Embargo Country list check**  
Parent Subprocess: 4.1, Manage Data  
Organization: PM\_Manual Control Performance

In Process  
Period: Year 2022

Steps

Control Info

Forecast Info

Steps (4)

Step	Description	Sequence	Business Rule Name	Step Performer	Due Date	Status	Last Updated
Automatically gen.	Automatically generated list of embargo countries from GDS	001	IC_31111_10001 EMBARGOCCOUN TRES_A_TSP		Mar 11, 2022	Done	GRC_BATCH Mar 11, 2022 12:17:03 PM
Export Control L...	Export Control Legal get the notification from GSP, checks and confirms that list of Embargoes Countries is up to date, complete and accurate.	002		Paul Petrashik	Mar 12, 2022	In Process	

**Manual Control Performance Step**

---

### General Info

Type: Automatically generated from IDS  
 Description: Automatically generated list of embargo countries from IDS  
 Evidence Required: Yes  
 Comments Required: No

Comment:

---

### Evidence (1)

Type	Name	Updated By
#	<a href="https://api.bis.net/SAP/countryembargo/country_emb_id_json?entity_id=US_COFINEmbargo-Clashes_emb_id_USAEmb">https://api.bis.net/SAP/countryembargo/country_emb_id_json?entity_id=US_COFINEmbargo-Clashes_emb_id_USAEmb</a>	GRC BATCH May 31, 2022 12:17:02 PM

Manual Control Performance: PR\_Audit\_MCP\_CCM

**STEP 1** -> **STEP 2** -> **STEP 3** -> **STEP 4** -> **STEP 5**

Control Name: **GD\_4.1\_Embargo Country list check**

Parent Subprocess: **4.1\_Manage Deals**

Organization: **PR\_Manual Control Performance**

In Process

Period: Year 2022

Steps

Control info

Forward info

Steps (4)

Step	Description	Sequence	Step Performer	Due Date	Status	Last Updated
Automatically generated...	Automatically generated list of embargo countries from GDS	001		Mar 11, 2022	Done	GRC_BATCH Mar 11, 2022, 12:17:01 PM
Export Control Legal -	Export Control Legal get the notification from GDS, checks and confirms that list of Embargoes Countries is up-to-date, complete and accurate.					
Export Control Legal -	1. Open via the step overview Step 1, open the link and review the attached list 2. Navigate back to Step 2 and provide the comment if adaptations are needed Recommended Comment: a) No adaptations are needed b) "Following adaptations are needed" (Provide the details)	002	Paul Petrasch	Mar 12, 2022	In Process	

Adding Continuous Control Monitoring to Manual Control Performance | SAP Help Portal



# SAP Process Control - Search Work Items

## Investment, Customer Value and Business Benefit



With SP03, we have introduced the Work Item Search to support users and since then have continuously enhanced it up to SP19 to meet the different business user scenarios.



Dedicated Work items can now being searched for in a special view with filtering and sorting of all relevant attributes.



Business users and GRC admins now have a dedicated and comprehensive search function available for their work items (incl. sorting and filtering of associated attributes).

## Look and Feel










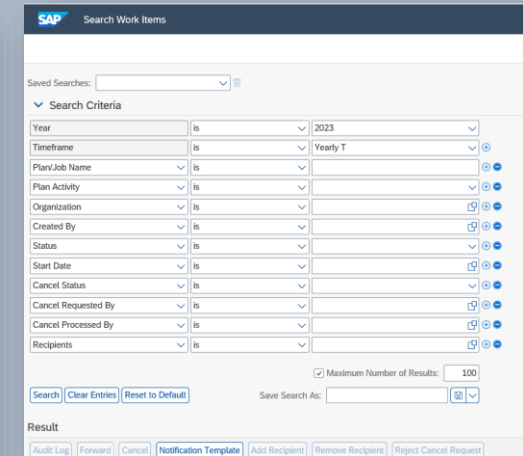
Check out this video



### Assessment Planning

Plan evaluations and other assessments

-  [Planner](#)
-  [Planner Monitor](#)
-  [Notification History](#)
-  [Notification Template Maintenance](#)
-  [Risk Consolidation Monitor](#)
-  [Sign-Off Monitor](#)
-  [Search Work Items](#)





# SAP Process Control - Cancel Work Items

## Investment, Customer Value and Business Benefit



Enhancement of workflow engine as well as associated audit log functionality together with full-blown notification template integration. Dedicated workflow items will be cancelled, but not physically be deleted.



Suitable obsolete Workflow items can now be forwarded cancelled by the users. In addition, a central administration view is available



Business users can now delete old / invalid Work Items from their inbox for a particular set of workflows. GRC admins can receive work item cancel requests and manage them.

## Look and Feel

Workitems: All (13) | Access Management (2) | Process Control (11) | Risk Management (5)

Workitems - All

View: (Standard View) **Cancel** Change Query Define New Print View

<input type="checkbox"/> Subject	Status	Created On	Due Date
<input type="checkbox"/> Validate Risk : SA_Risk Test	Ready	07.10.2021 17:27:03	
<input type="checkbox"/> Validate Activity : SA_Validation Test Activity 01	Ready	07.10.2021 17:27:03	
<input type="checkbox"/> Validate Activity : SA_Fiori_Guide	Cancel Requested	17.02.2022 09:24:38	
<input checked="" type="checkbox"/> Validate Risk : TR02 - UR001 - Fiori_Guide	Ready	17.02.2022 14:38:15	
<input checked="" type="checkbox"/> Validate Activity : RM_Test_Validate_Activities	Ready	17.02.2022 14:38:15	
<input type="checkbox"/> Perform Manual Control Performance CG_Innovation_SDWS Copy Review of annual VAT returns of German S	Ready	13.12.2022 17:32:39	20.12.2022
<input type="checkbox"/> Perform Manual Control Performance CG_Innovation_SDWS Copy Review of annual VAT returns of German S	Ready	13.12.2022 17:32:46	20.12.2022
<input type="checkbox"/> Perform Manual Control Performance CG_Innovation_SDWS Copy Review of annual VAT returns of German S	Ready	13.12.2022 17:33:01	20.12.2022
<input type="checkbox"/> Perform Control Design Assessment	Ready	13.12.2022 17:35:32	20.12.2022
<input type="checkbox"/> Perform Control Design Assessment	Ready	13.12.2022 17:35:33	20.12.2022

[Cancel Work Items | SAP Help Portal](#)



# SAP Process Control

Cancel Work Items can be used for the following:

- Perform Control Design Assessment
- Perform Subprocess Design Assessment
- Manual Control Performance
- Perform Control Disclosure Survey
- Perform Self-Assessment
- Perform Organization Disclosure Survey
- Perform Subprocess Disclosure Survey
- Test Control Effectiveness
- Workflow: Issue and Remediation Plan, Continuous Control Monitoring



# SAP Process Control - Integration with SAP Signavio

## Investment, Customer Value and Business Benefit



As a first step, a basic integration has been developed that allows to upload, download and link control information of SAP Process Control with SAP Signavio.



Reducing duplicate maintenance effort on controls while enabling a more seamless information integration.



Authorized users can directly drill down from the SAP Signavio control into SAP Process Control and subsequent local control details showing control results, evidence, and issues.

## Look and Feel

Check out the video:



[3341419 - Integration between SAP Signavio and SAP Process Controls - SAP ONE Support Launchpad](#)



# SAP Process Control

## ❑ Offline Workflow Process

You can customize to use the external email of the inbound process user instead of technical email address of the server when the offline work process is triggered. Prior to the enhancement, when offline survey pdf form is submitted, while responding to Offline survey, the generated e-mail uses internal technical e-mail address as a return address.

See SAP note [3146001](#)

## ❑ Role Assignment

It's possible to replace roles on Control, Subprocess or Process for users who have no authorization to assign role on any organizational unit. Prior to this enhancement, It is not possible to do replacements of roles assigned on the Control, Subprocess and Process in case the user doing the replacement has no role assignment authorization assigned on any orgunit.

See SAP note [3195849](#)



# SAP Process Control and SAP Risk Management - SAC Dashboards

## Investment, Customer Value and Business Benefit



Altogether 10 SAC dashboards (9 for RM and 1 for PC) are available out-of-the box and ready to use delivered with SP18 and 19.



### Out-of-the box reporting for:

- Risk Aggregation by Risk Category
- Risk Aggregation by Impact Category
- Risk Aggregation by Driver Category
- Driver Interdependencies
- Impact Interdependencies
- Probability Level
- Driver Risk Count Heatmap
- Risk Profile
- Risk Count Heatmap
- CCM



Powerful evaluations, aggregations as well as interdependency assessments are available for analysis together with monitoring capabilities on risk profile, risk bearing capacity, probability.

## Look and Feel

Check out the video:



[Configure URL of NetWeaver Business Client for SAC Dashboards | SAP Help Portal](#) [Configure SAC Risk Profile Dashboard | SAP Help Portal](#)

[Configure Currency Conversion for SAC Dashboards | SAP Help Portal](#)







# SAP Risk Management - Personalization Options for One Single Entry Screen

## Investment, Customer Value and Business Benefit



With the component UIGRRMPC 200, we have introduced additional personalization options for all three new Fiori applications.



Switch off and of course also switch back on sections or fields that are not relevant for the daily work, while of course mandatory fields may not be excluded.



An ultimately streamlined end-user experience to make daily work easier and more efficient.

## Look and Feel

**SAP Personalization Settings**

UI Section

- Manage Activities
- Manage Risks
- Manage Responses
- Field Visibility
- Report Template

**Sections**

Show or hide the sections.

Show on UI	Section
<input type="radio"/>	General Information
<input checked="" type="radio"/>	Roles
<input checked="" type="radio"/>	Related Risks
<input checked="" type="radio"/>	Analysis
<input checked="" type="radio"/>	Responses
<input checked="" type="radio"/>	Survey
<input checked="" type="radio"/>	Validation
<input type="radio"/>	Attachments & Links
<input type="radio"/>	Notes

**SAP Personalization Settings**

UI Section

- Manage Activities
- Manage Risks
- Manage Responses
- Field Visibility
- Report Template

**Field Visibility**

Show or hide the fields.

Show on UI	Field	Mandatory
<input checked="" type="radio"/>	Name	<input checked="" type="checkbox"/>
<input checked="" type="radio"/>	Organizational Unit	<input checked="" type="checkbox"/>
<input checked="" type="radio"/>	Secondary Org. Unit	
<input checked="" type="radio"/>	Activity	
<input checked="" type="radio"/>	Risk Category	<input checked="" type="checkbox"/>
<input checked="" type="radio"/>	Trend	
<input checked="" type="radio"/>	Valid From	<input checked="" type="checkbox"/>
<input checked="" type="radio"/>	Valid To	<input checked="" type="checkbox"/>
<input checked="" type="radio"/>	Description	



# SAP Risk Management - UI Flexibility

## Investment, Customer Value and Business Benefit



We have introduced a field control view for risk, called **V\_GRRM\_FLD\_CNTRL** that can be maintained via transaction SM30 and has been developed from SP14-SP16.



Now it can be centrally determined which fields are visible, which are mandatory and what kind of tool tip text should be displayed, including custom-defined fields.



This feature allows to adapt screens to the real business processes and activities while increasing the end-user support with adaptable messages as well as reducing the “noise”.

## Look and Feel

Field Control for Risk Applications					
App. Name	UI Field	Visible	Mandatory	Action	ToolTip
Manage Activity...	ActivityCategory				
Manage Activity...	Description				
Manage Activity...	Name				
Manage Activity...	OriginId				
Manage Activity...	ValidFrom				
Manage Activity...	ValidTo				
Manage Risk...	Activity				
Manage Risk...	Description				
Manage Risk...	Name				
Manage Risk...	OriginId				
Manage Risk...	RiskCategory				
Manage Risk...	ValidFrom				
Manage Risk...	ValidTo				
Manage Response...	Completeness				
Manage Response...	Effectiveness				
Manage Response...	Name				
Manage Response...	OriginId				
Manage Response...	Owner				
Manage Response...	ResponseType				
Manage Response...	ShareResponse				



# SAP Risk Management - Reporting Options and Personalization

## Investment, Customer Value and Business Benefit



Enhancement of reporting engine and integration into the application *Generate Report*. Template provisioning to provide starting point.



Reporting templates can now directly be developed in MS Word and can then be used from within the application including custom defined fields.



Business users can now create their individual reporting templates to meet the needs of various stakeholders utilizing the powerful MS Word features and toolbox.

## Look and Feel

**Uploading Global Report Template**

Entity: Risk

☐ Download template

☒ Upload template

☐ Delete template

Upload Template

Upload template name:

Upload path and file:

Customer Defined Fields

Customer defined fields:  to

Click or tap here to enter text.

TOTAL LOSS: Click or tap here to enter text.

EXPECTED LOSS: Click or tap here to enter text.

CURRENCY: Click or tap here to enter text.

RISK CATEGORY: Click or tap here to enter text.

RISK TYPE: Click or tap here to enter text.

ORGANIZATION UNIT: Click or tap here to enter text.

**CUSTOM DEFINED FIELDS**

Field Name	Field Value
Click or tap here to enter text.	Click or tap here to enter text.

**DRIVERS**

Driver	Driver Category	Impact	Impact Category
Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.

**ROLES**

Name	User ID	Full Name	Email
Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.

**XML Mapping**

Custom XML Part: <http://www.sap.com/gtc/rm/gras/1>

```
ANALYSIS_RE_FREQUENCY
ANALYSIS_RE_PROBABILITY_LEVEL
ANALYSIS_RE_PROBABILITY_SCORE
ANALYSIS_RE_EXPECT_LOSS
ANALYSIS_RE_TOTAL_LOSS
ANALYSIS_RE_IMPACT_LEVEL
ANALYSIS_RE_IMPACT_LEVEL_OV
ANALYSIS_RE_IMPACT_SCORE
ANALYSIS_RE_IMPACT_SCORE_OV
ANALYSIS_RE_SOO_SCORE
ANALYSIS_RE_RISK_LEVEL
ANALYSIS_RE_RISK_SCORE
ANALYSIS_RE_FREQUENCY
ANALYSIS_RE_PROBABILITY_LEVEL
ANALYSIS_RE_PROBABILITY_SCORE
ANALYSIS_RE_EXPECT_LOSS
ANALYSIS_RE_TOTAL_LOSS
ANALYSIS_RE_IMPACT_LEVEL
ANALYSIS_RE_IMPACT_LEVEL_OV
ANALYSIS_RE_IMPACT_SCORE
ANALYSIS_RE_IMPACT_SCORE_OV
ANALYSIS_RE_SOO_SCORE
ANALYSIS_RE_SOO_SCORE
```

**RISK/51096673** 2022-12-20 - 9:00:17:01

RM_SOW_2__MO_GRP_2017_TR06_UL R4	RISK LEVEL	IMPACT_ID	PROBABILITY LEVEL
	Low	-	Unlikely
MO_GRP_2017_TR06_ULR4 Description	TOTAL LOSS	EXPECTED LOSS	CURRENCY
	1000000.00 EUR	300000.00 EUR	EUR
	RISK CATEGORY	RISK TYPE	ORGANIZATION UNIT
	Cybersecurity and Security	Operational	LA_Brazil
<b>CUSTOM DEFINED FIELDS</b>			
Field Name	Field Value		
Rationale and Source	MO_GRP_2017_TR06_ULR4 Condition, Lorem ipsum dolor sit amet.		

[Get Sample Custom XML File | SAP Help Portal](#)

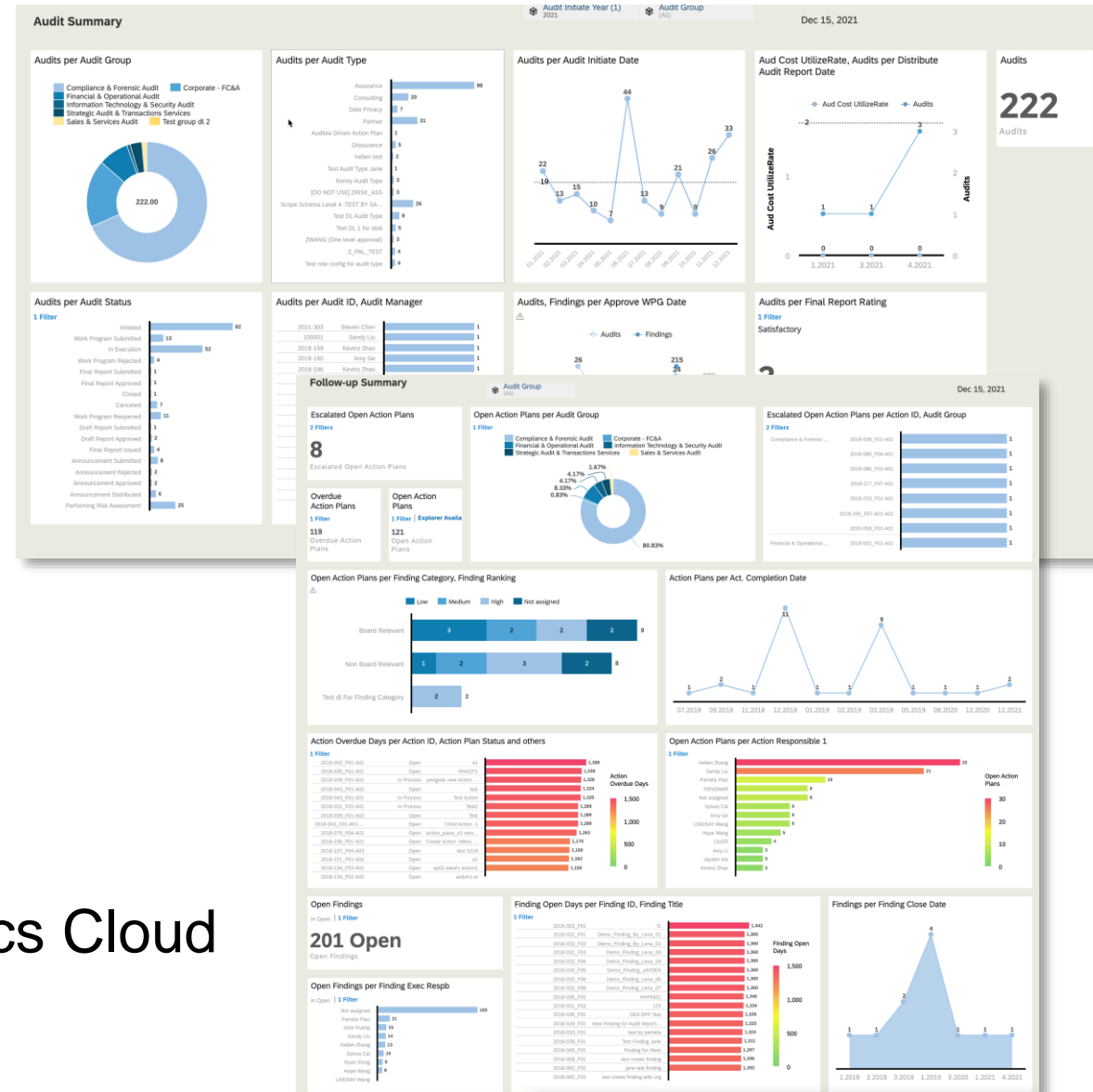
[Generate Report | SAP Help Portal](#)

[Create Word Templates with Content Controls | SAP Help Portal](#)



# SAP Audit Management (1.5) - SAC integration

- 31 Queries are provided for
  - Audit
  - Finding
  - Action Plan
  - Audit Plan
  - Organization
  - Dimension
  - Auditable Item
  - Risk
  - Control
  - Resource Management
- Queries can be directly used to build dashboard in SAP Analytics Cloud





## Audit Summary

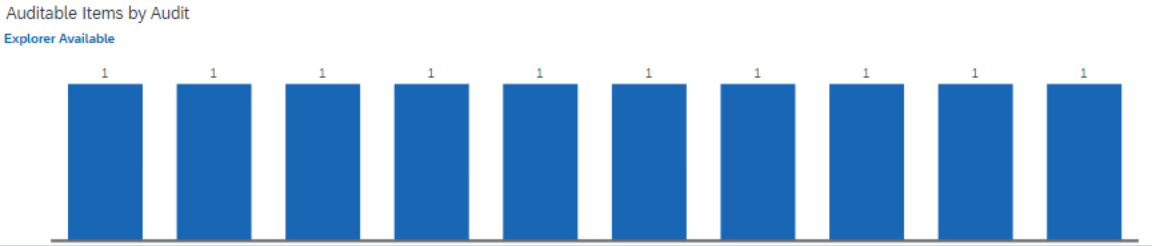
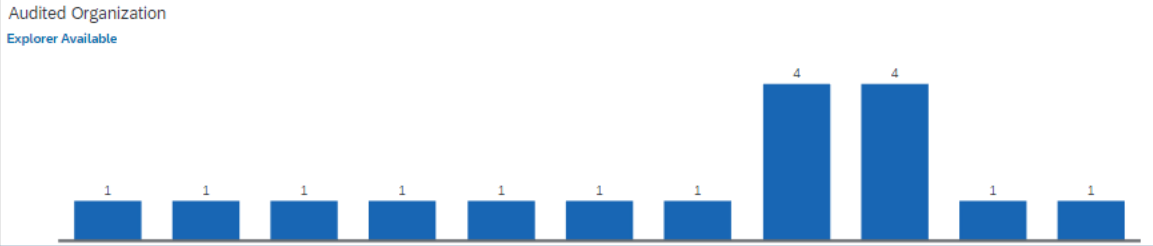
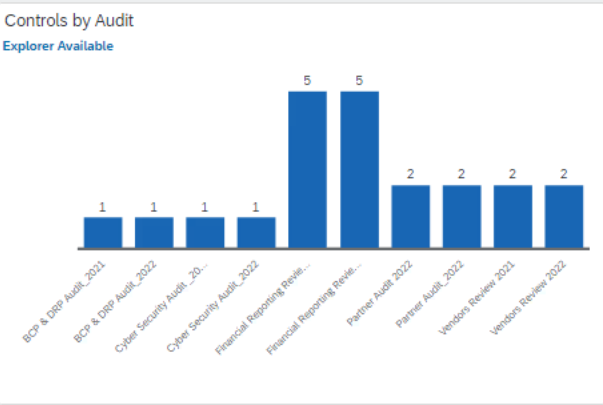
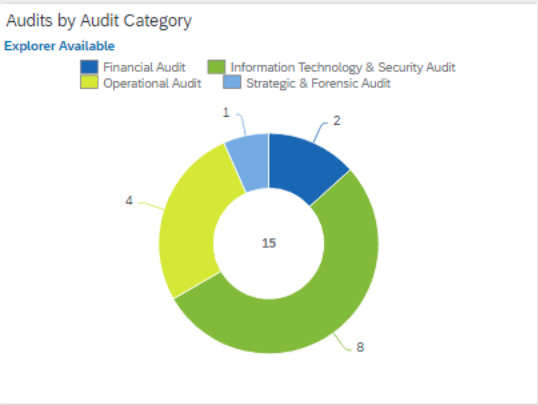
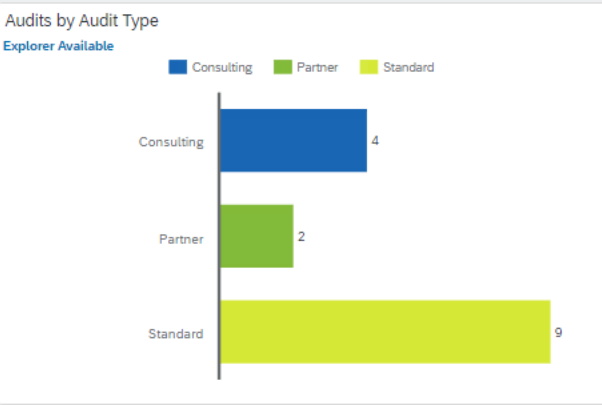
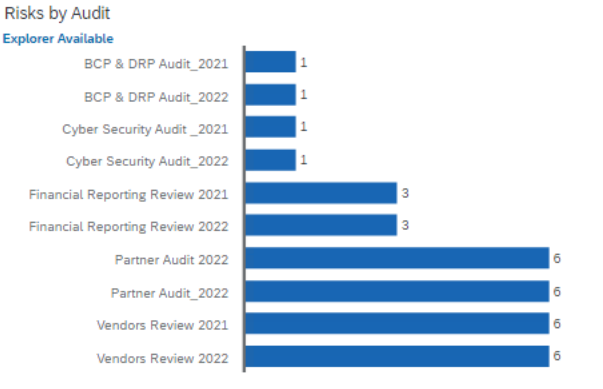
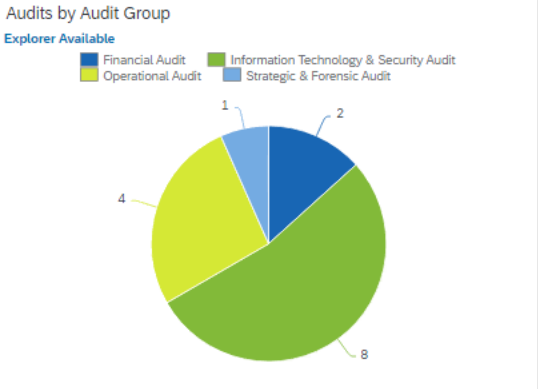
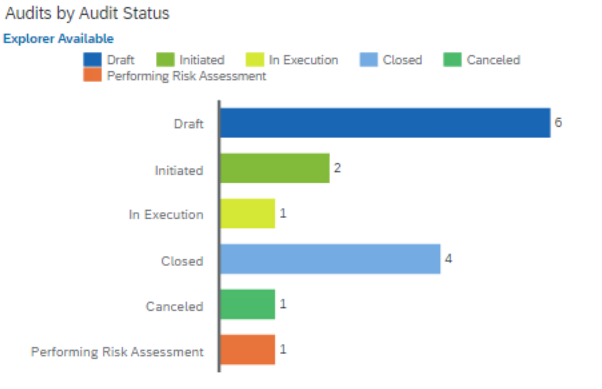
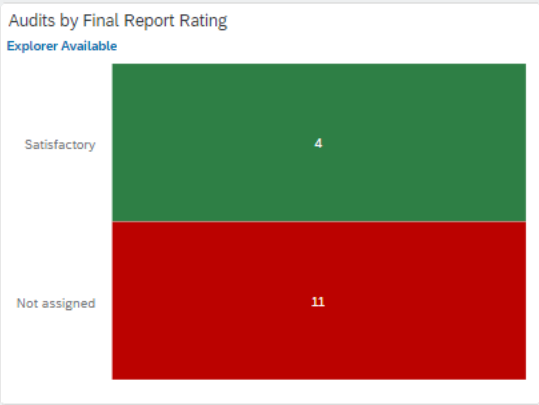
Audit Status  
(All)

Audit Group  
(All)

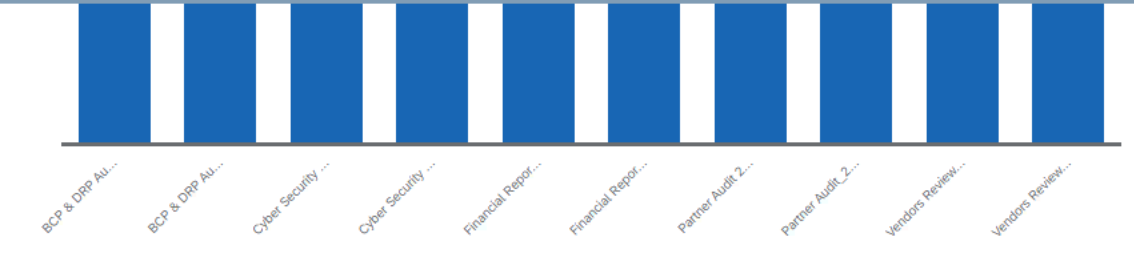
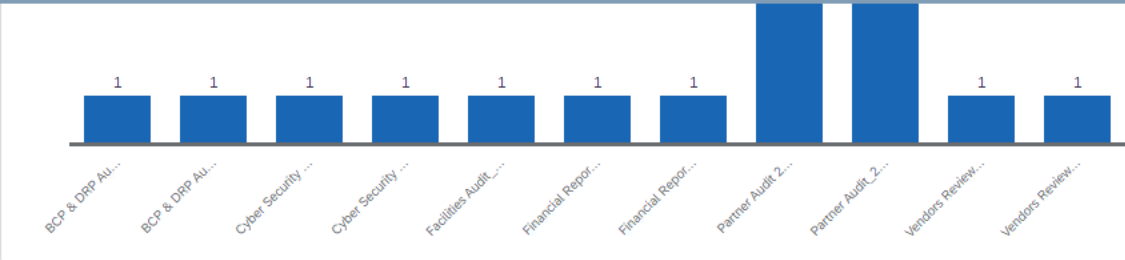
Audit Type  
(All)

Audit Category  
(All)

Audit Title  
(All)

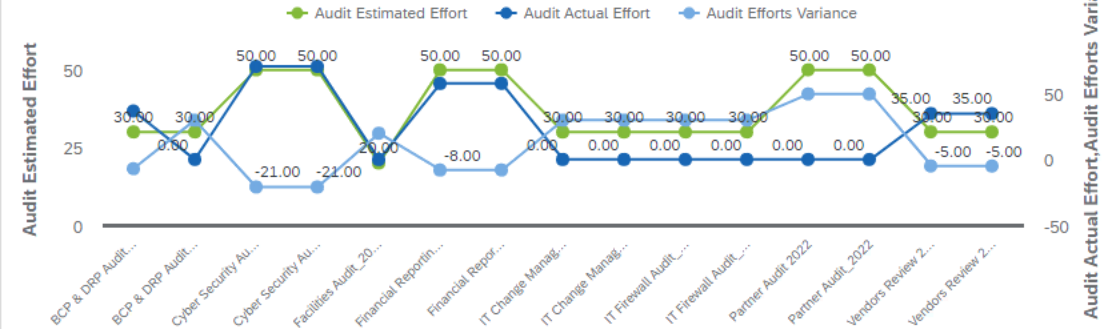






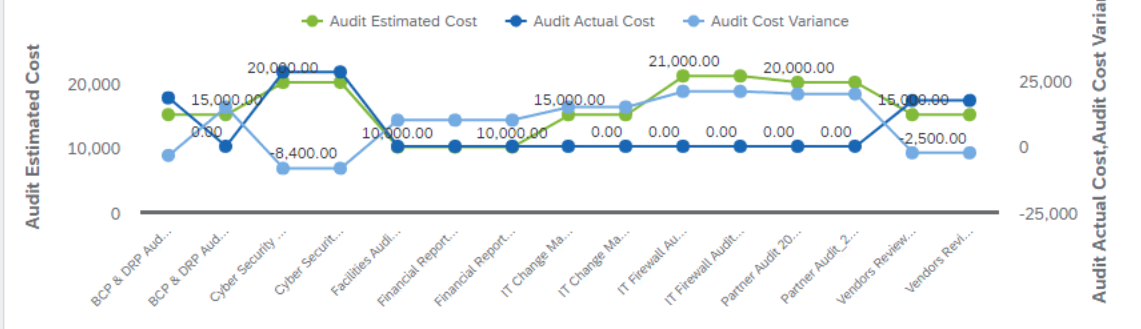
Audit Efforts Variance

Explorer Available



Audit Costs Variance

in USD | Explorer Available



						Audit Estimated Effort	Audit Actual Effort	Audit Efforts Variance	Audit Estimated Cost	Audit Actual Cost	Audit Cost Variance
	Planned Start Date	Actual Start Date	Planned End Date	Actual End Date	Final Report Rating						
Security Audit	03.05.2021	03.05.2021	30.06.2021	31.05.2021	Satisfactory	50.00	58.00	-8.00	\$10,000.00	\$0.00	\$10,000.00
	01.06.2021	02.06.2021	15.07.2021	06.07.2021	Satisfactory	30.00	35.00	-5.00	\$15,000.00	\$17,500.00	-\$2,500.00
	01.08.2021	04.08.2021	30.09.2021	15.09.2021	Satisfactory	50.00	71.00	-21.00	\$20,000.00	\$28,400.00	-\$8,400.00
	01.09.2021	01.09.2021	30.09.2021	30.09.2021	Satisfactory	30.00	37.00	-7.00	\$15,000.00	\$18,500.00	-\$3,500.00
	01.10.2021	#	31.10.2021	#	Not assigned	30.00	0.00	30.00	\$15,000.00	\$0.00	\$15,000.00
	01.12.2021	#	31.12.2021	#	Not assigned	30.00	0.00	30.00	\$21,000.00	\$0.00	\$21,000.00
	01.05.2022	#	30.09.2022	#	Not assigned	50.00	58.00	-8.00	\$10,000.00	\$0.00	\$10,000.00
	01.08.2021	#	31.08.2021	#	Not assigned	30.00	35.00	-5.00	\$15,000.00	\$17,500.00	-\$2,500.00
	01.08.2022	04.08.2021	30.09.2022	15.09.2021	Not assigned	50.00	71.00	-21.00	\$20,000.00	\$28,400.00	-\$8,400.00



# SAP Audit Management ( 1.6) - Business Processes

## Investment, Customer Value and Business Benefit



Business process audits allow companies to evaluate industry trends and make improvements. It also identifies business risks.



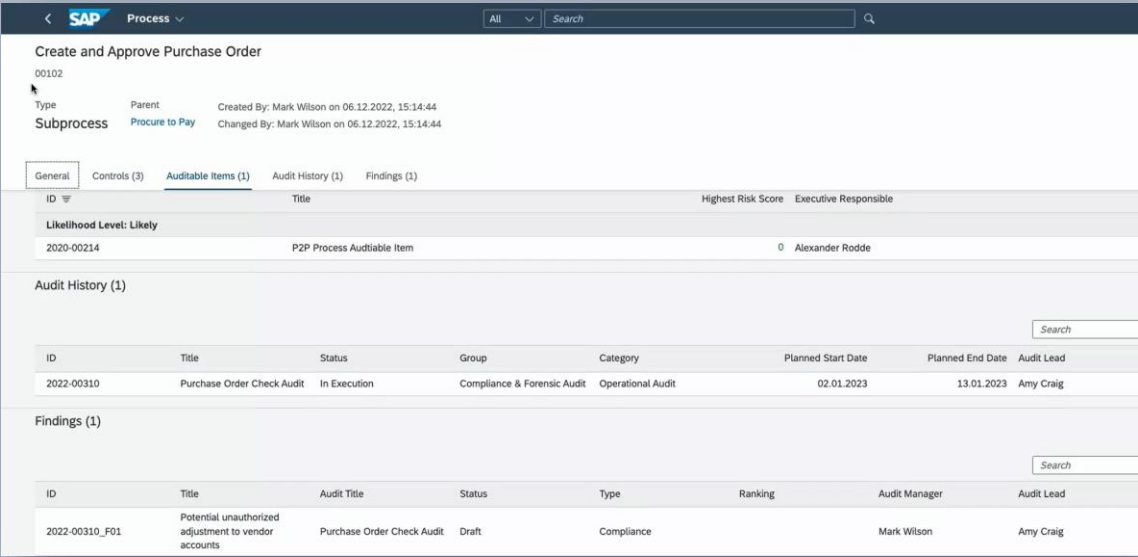
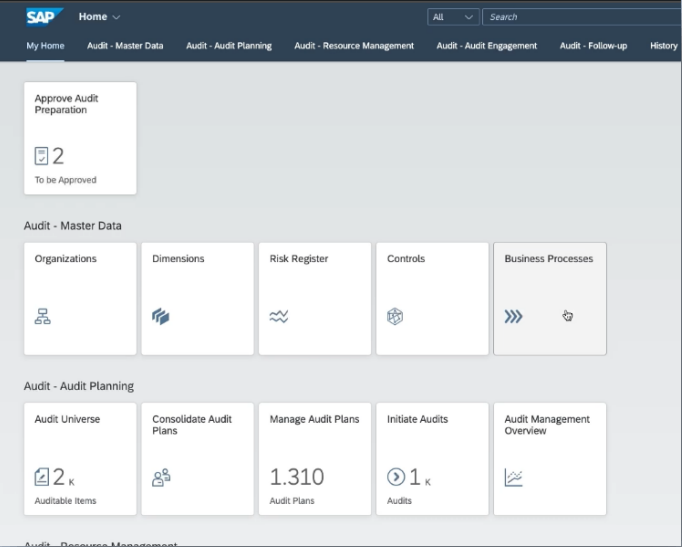
- Create and upload business hierarchies
- Integration with SAP Process Control



Assign organizations  
Assign controls, auditable items, audit history, and audit findings

## Look and Feel

[Business Processes in SAP Audit Management - SAP Media Share](#)





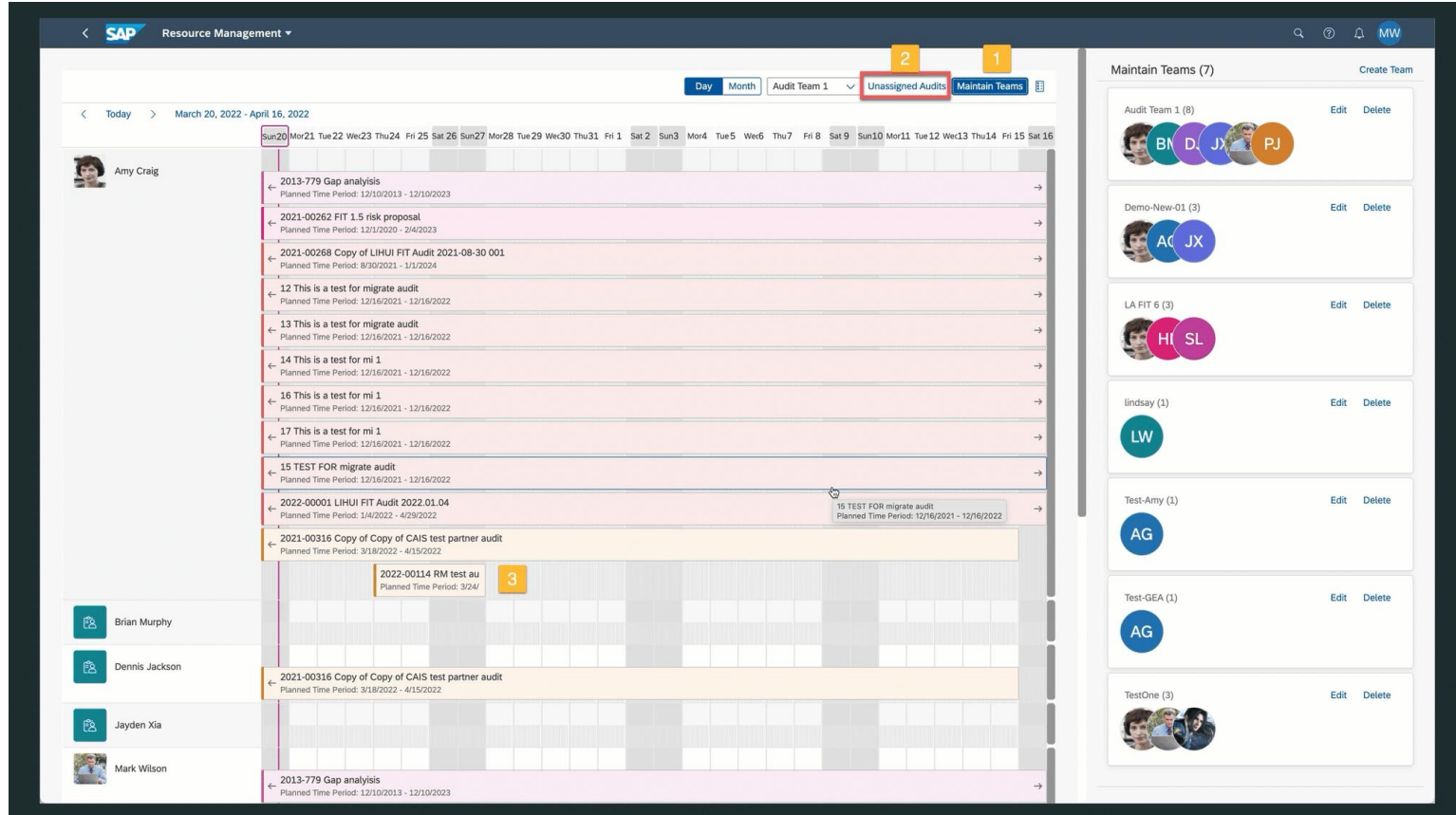
# SAP Audit Management (1.6)

- New application roles for “Partners” and “external Auditors”.  
Custom application roles can also be made specific to certain audit types
- New Fiori app “Resources Management” with additional capabilities including:
  - Group audit staff into teams
  - Create new audits
  - Check the unassigned audits



# SAP Audit Management (1.6) - Resource Management Fiori App

- Drag and drop to change planned time period
- Create audit from planning calendar
- Maintain audit teams
- Check unassigned audits



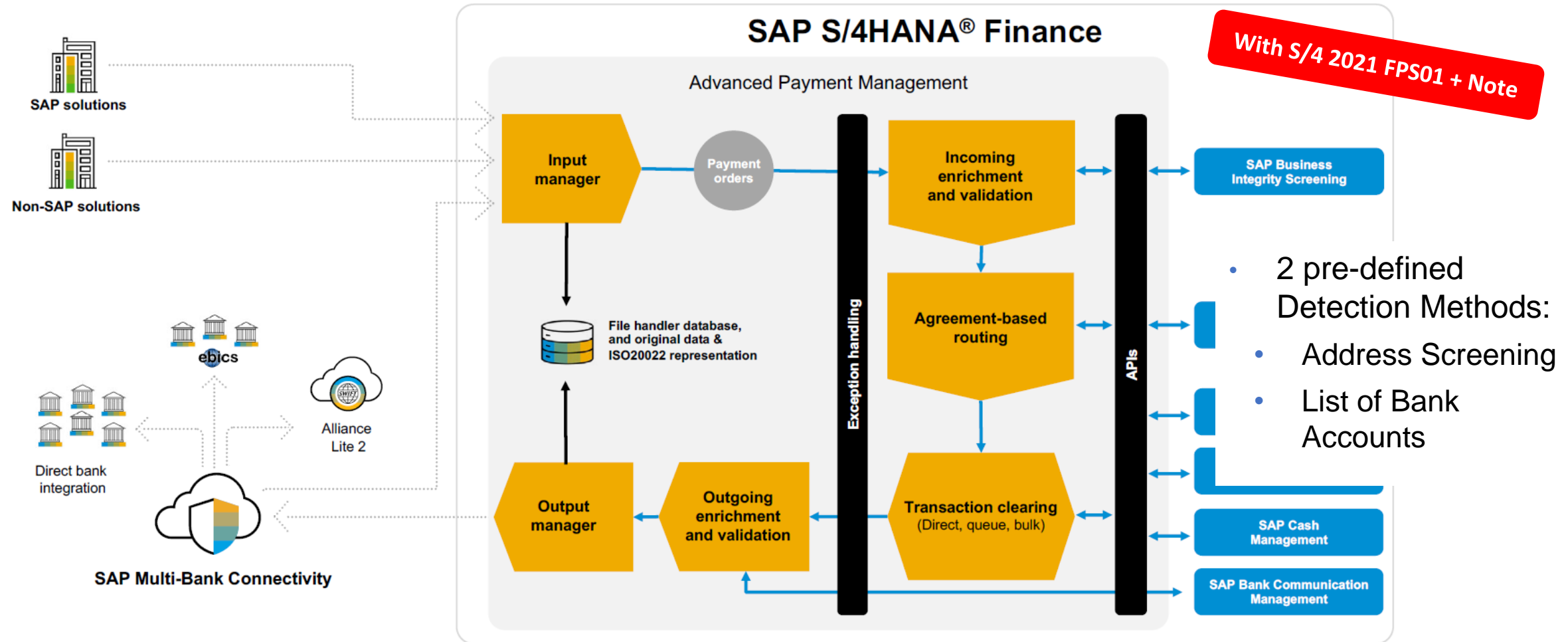


## **SAP Business Integrity Screening**

- Include workflow-based task management features from Tax Compliance
- Integration with SAP S/4HANA Finance for advanced payment management
- Customer enhancements, including User Interface improvements and additional fields for address screening and compliance check results



# SAP Business Integrity Screening - Integration with SAP S/4HANA Advanced Payment Management

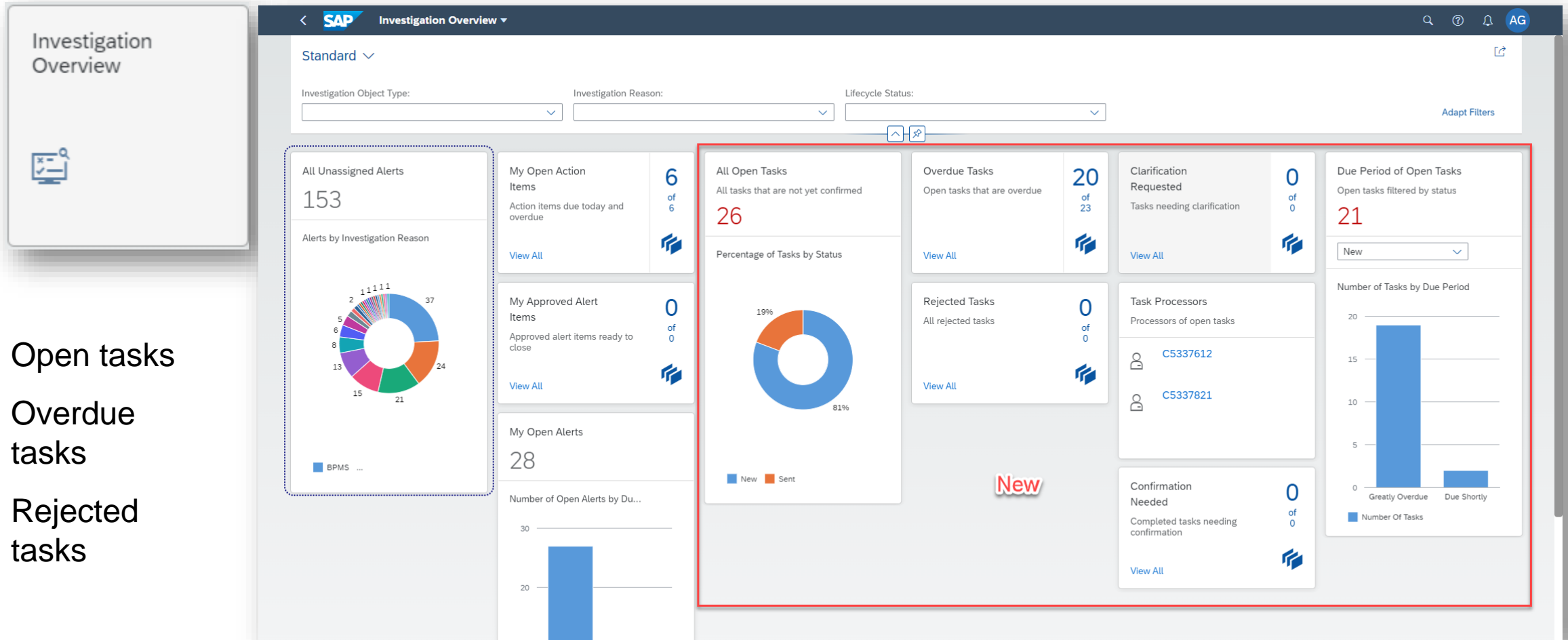


SAP S/4HANA Finance for advanced payment management provides centralized payment factory to manage payments from various systems – SAP, non-SAP and manual payments.



# SAP Business Integrity Screening - Workflow-based Task Management

- Open tasks
- Overdue tasks
- Rejected tasks





## **SAP Financial Compliance Management – Public Cloud**

- 70+ predefined controls for SOX and Tax Compliance delivered to increase compliance level and accelerate project completion by leveraging the most-commonly used controls
- GRC Business Content Hub – allows partner ecosystem to develop content, and position in SAP Store
- Integration with SAP Signavio to help ensure consistent process and control repositories and help reduce manual maintenance effort



# SAP Financial Compliance Management - Ready to Use Content with SAP S/4HANA

[< Previous](#)

## Content Overview ☆

The content for SAP S/4HANA Cloud involves checks on business data and transactions in SAP S/4HANA Cloud to help detect non-compliant activities or activities that may pose risks.

### Prerequisites

In order to use the content for SAP S/4HANA Cloud, you first need to perform the following actions:

1. Establish a connection to SAP S/4HANA Cloud. For instructions, see [Connectivity](#) in the *Administration Guide for SAP Financial Compliance Management*.
2. Follow the [Set-up Instructions](#) for Scope Item 3KY.

### Content Overview

Content Item			Minimum Release Required
Controls	Automated Procedures	Manual Procedures	SAP S/4HANA Cloud
Journal Entries			
<a href="#">Check General Journal Entries Entered on Weekends</a>	<a href="#">Extract General Journal Entries Entered on Weekends</a>	N/A	2102
<a href="#">Period End Cut-Off</a>	<a href="#">Extract Journal Entries Posted for Past Fiscal Period</a>	<a href="#">Cut-Off Testing</a>	2102
<a href="#">Check for Duplicate Journal Entries</a>	<a href="#">Duplicate Journal Entries with Same General Ledger Account and Description</a>	N/A	2105
	<a href="#">Duplicate Journal Entries with Same Amount and Description</a>	N/A	2105
	<a href="#">Duplicate Journal Entries with Same General Ledger Account and Amount</a>	N/A	2105
<a href="#">Investigate Journal Entries</a>	<a href="#">Journal Entries Posted by General Ledger Accounts Not Used for Specified Amount of Time</a>	N/A	2105
	<a href="#">Journal Entries That Exceed Defined Threshold Amount</a>	N/A	2105
	<a href="#">Journal Entry Items That Exceed Defined Threshold Amount</a>	N/A	2105
<a href="#">Check Manual Postings</a>	<a href="#">Manual Postings Created By Dialog User Accounts</a>	N/A	2105
<a href="#">Check Intercompany Bookings</a>	<a href="#">Intercompany Bookings with No Trading Partner</a>	N/A	2105
<a href="#">Check Purchase Orders with Goods Receipts</a>	<a href="#">Purchase Orders with Cleared Invoices and No Goods Receipt</a>	N/A	2105
	<a href="#">Purchasing Document Items With Overpaid Goods Receipts</a>	N/A	2105
	<a href="#">Purchase Order Items Where Delivery of Excess Goods is Possible</a>	N/A	2105
Suppliers			
<a href="#">Check Suppliers</a>	<a href="#">Blocked Suppliers with Open Items</a>	N/A	2105
	<a href="#">Suppliers with Duplicate Invoice Check Disabled</a>	N/A	2105
	<a href="#">Suppliers with Evaluated Receipt Settlement Enabled</a>	N/A	2105

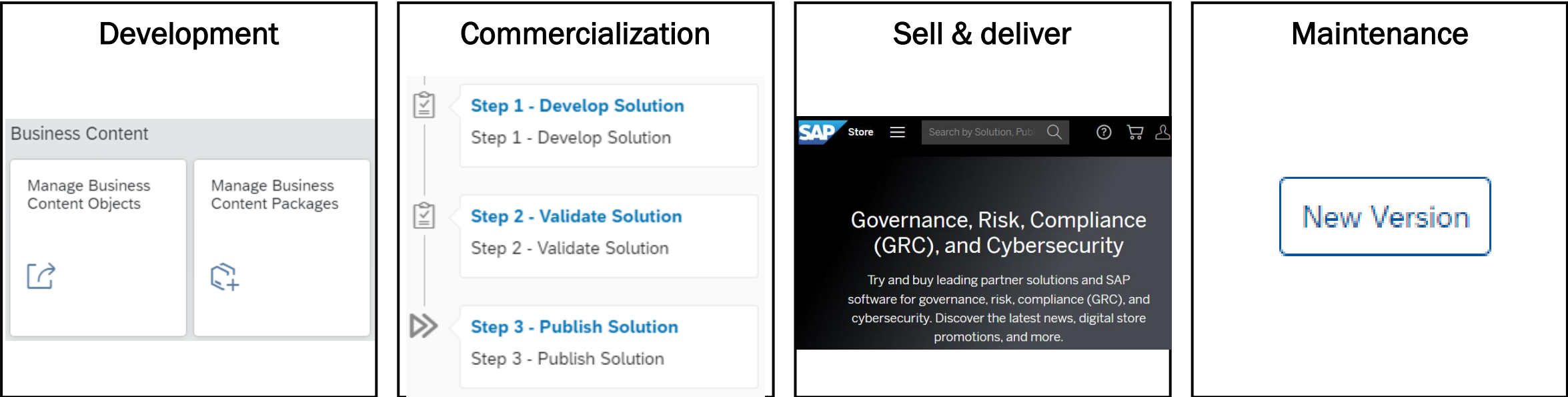
- SAP Financial Compliance Management ships with over 70 rules for use as Automated Procedures (3 for Tax Compliance)
- These can be added to by customers
- Partners will produce and sell their own content packages too, via the GRC Content Hub Service

<https://help.sap.com/viewer/eb2cb166f76248bdba43bf04fccd143e/1.0/en-US/c6bccce22805495c8c2432209bf80474.html>



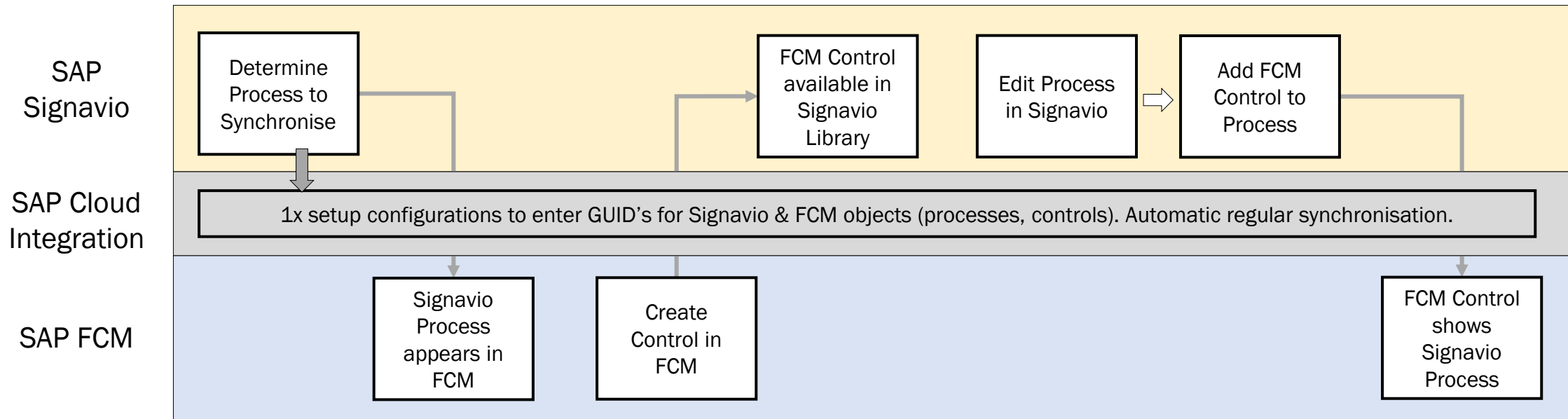
# SAP Financial Compliance Management - GRC Content Hub Service

- Partners and SAP offer content via standardized offerings in order to support a scalable business model and distribution channel, that enables an easy and fast consumption by cloud customers for cloud GRC solutions like Financial Compliance Management





# SAP Financial Compliance Management – SAP Signavio Integration



- How the FCM- Signavio process and control integration works, also showing SAP Cloud Integration service.



## 04 Roadmap





## Customer Connect - Influencing the Roadmap

- We have received 119 customer requests
- **Thereof:**
  - 66 qualified with necessary votes
  - 5 are already offered
  - **24** have been accepted for development
  - **11** have been added as long-term requests to backlog
  - 26 not planned due to prioritization





# Delivered

## Delivered Improvement Requests

ID	IR Title	# of Votes	Improvement Note
<a href="#">288913</a>	Email notification to delegate user upon delegation	23	<a href="#">3277193</a>
<a href="#">288977</a>	Delegation: "you are working on behalf of ...." - message in work Inbox & delegation tile	16	<a href="#">3277193</a>
<a href="#">289641</a>	PC: Warning message to prevent duplicate controls in CCM Jobs	12	<a href="#">3274618</a>
<a href="#">287705</a>	PC: Enhanced Audit Log comprehensibility with business rule changes	10	<a href="#">3271598</a> , <a href="#">3281118</a>
<a href="#">287593</a>	Add selection fields to "My Processes" fiori application	9	<a href="#">3285963</a>
<a href="#">289639</a>	PC: Enhance Comment Field in CCM Jobs and display it in Automated Monitoring	8	<a href="#">3351745</a>
<a href="#">290514</a>	Mass download attachments for Process Control	6	<a href="#">3284154</a>
<a href="#">290733</a>	Improvement of downloading option in Mass Attachments Download for Process Control	6	<a href="#">3284154</a>
<a href="#">286072</a>	RM Individual Risk movement /plotting on Heatmap	6	<a href="#">3339458</a> (planned to be delivered soon)



# Already Offered

## Already offered Improvement Requests (IRs)

### Already offered

There is already a solution or workaround available to achieve the desired enhancement.

ID	IR Title	# of Votes	Comment
<a href="#">288930</a>	Ability to download attachments via reports also for closed cases / workflows	12	<a href="#">3032121</a>
<a href="#">287703</a>	PC: Searching CCMs in the frontend for the current / last processor and forwarding them via frontend	11	Please use Assessment -> Assessment Planning -> Search Work Item
<a href="#">287709</a>	PC: Sending reminders and escalations constantly to support comprehensive compliance activities	10	Please configure notification rules in Assessment -> Assessment Planning -> Notification Template Maintenance
<a href="#">291219</a>	Forwarding option for within a manual work item to another processor/user	9	Please use Assessment -> Assessment Planning -> Search Work Item
<a href="#">290380</a>	CCM: Limit results displayed on the Monitoring Jobs tab based on session timeframe	6	<a href="#">3060138</a>



# Planned Innovations **SAP Process Control**

Removal of connectors not used from data source and business rule

When an application system is not used for continuous control monitoring (CCM) anymore, the compliance manager removes the following from the system:

- Make sure no planned job steps exist for this business rule
- Remove connectors from business rule and data source
- Remove the connectors information from the back-end configuration





# Upcoming: UCF Integration



Common Controls Hub

Upgrade Now

?

2

marie-luise.wagener-kirchner

Search Authority Documents

GEOGRAPHY

SUBJECT MATTER

Show Selected Documents as a List

Africa0 / 6

Asia0 / 54

Australia-Oceania0 / 23

Europe0 / 90

International0 / 399

Middle East0 / 2

North America0 / 560

South America0 / 5

Unique Citations0

Mandates in Citations0

De-duplication Factor0%

Common Controls

KEY

0 Mandated

0 Implied

0 Implementation

Create as many different Authority Document lists as you need. Some organizations have an overarching set of mandates and additional requirements for different geographies or business units.

Select your Authority Documents1

Pick one or more Authority Documents. Scroll through the list by Geography or Subject Matter or enter a search term to find the ADs you need.

Instant Access to Research2

Click the information icon ⓘ next to any Authority Document or Common Control to learn more about it.

Save your List3

Once you have created your masterpiece, save your list. Next, use the list you created to generate a Build and Custom Compliance Templates, if you subscribed to them.



Holistic integration of UCF and corresponding content (authority document, citation, common control) into SAP Process Control by introducing a common control objective that supports the assignment to existing central and local controls as well as the creation thereof with corresponding subsequent integration to SAP Risk Management.

Manage Common Control Objectives

Search

Standard

Editing Status: All

Regulation:

Requirement:

Impact Zone:

Go

Common Control Objectives (1,235)

Search

Delete

<input type="checkbox"/>	Name	Reference ID	Regulation	Requirement	Impact Zone	Classification	Validity Period
Regulation: Framework for Improving Critical Infrastructure Cybersecurity, v1.1							
<input type="checkbox"/>	Monitor systems for inappropriate usage and other security violations.	585	Framework for Improving Critical Infrastructure Cybersecurity, v1.1	DE.AE Anomalies and Events	Monitoring and measurement	Detective	01.01.2023 - 12.
<input type="checkbox"/>	Determine the incident severity level when assessing the security incidents.	1650	Framework for Improving Critical Infrastructure Cybersecurity, v1.1	DE.AE Anomalies and Events, DE.AE-4	Operational management	Corrective	01.01.2023 - 12.
<input type="checkbox"/>	Review and update event logs and audit logs, as necessary.	596	Framework for Improving Critical Infrastructure Cybersecurity, v1.1	DE.AE-2	Monitoring and measurement	Detective	01.01.2023 - 12.

Common Control Objective

Search

Determine the incident severity level when assessing the security incidents.

1650

General Information

Regulation Requirement

Controls

Impact Zone: Operational management

Regulation: Framework for Improving Critical Infrastructure Cybersecurity, v1.1

Source: UCF

Valid From: Jan 01, 2023

Classification: Corrective

Type: Monitor and Evaluate Occurrences

Reference ID: 1650

Valid To: Dec 31, 9999

Regulation Requirement

Name

Description

DE.AE Anomalies and Events

Anomalous activity is detected in a timely manner and the potential impact of events is unders

DE.AE-4

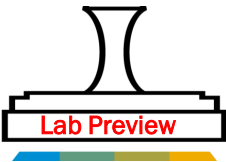
Impact of events is determined

Controls

Central Control



# Upcoming: Fieldglass Integration



SAP Display View "Integration Configuration": Overview

Con.Type	Target Connector	OAuth 2.0 Profile	OAuth 2.0 Client Configuration for API
<input type="checkbox"/> FG	ZAKS_FG01	Fieldglass	FIELDGLASS

SAP Change View "Fieldglass Report API Configuration": Overview

Target Connector	Rep ID	Fieldglass Report Name	Fieldglass Report URL Path	Onboarding
<input type="checkbox"/> ZAKS_FG01	1	External Worker Timesheet Report (2022 - All data)	/api/vc/report/z2209291434..	<input checked="" type="checkbox"/>
<input type="checkbox"/> ZAKS_FG01	2	External Worker Timesheet Report	/api/vc/report/z2209291434..	<input checked="" type="checkbox"/>
<input type="checkbox"/> ZAKS_FG01	3	NEW2	/api/vc/report/z1807091335..	<input type="checkbox"/>

## 1. Connection

## 2. Report Registration

SAP Change View "Configuration for Fieldglass Report Columns": Overview

Target Connector: ZAKS\_FG01  
Fieldglass Report ID: 1

Column ID	Column Name	Data type	Length
<input type="checkbox"/> C11_CONSOLIDATEDWORKERID	Consolidated Worker ID	Character	14
<input type="checkbox"/> C12_WORKERTYPE	Worker Type	Character	30
<input type="checkbox"/> C13_MAINDOCUMENTID	Main Document ID	Character	30
<input type="checkbox"/> C14_WORKERID	Worker ID	Character	14
<input type="checkbox"/> C15_WORKER	Worker	Character	30
<input type="checkbox"/> C16_BUYERREFERENCE	Buyer Reference	Character	20
<input type="checkbox"/> C17_WORKERSTARTDATE	Worker Start Date	Date (DD/MM/YYYY)	
<input type="checkbox"/> C18_WORKERENDDATE	Worker End Date	Date (DD/MM/YYYY)	
<input type="checkbox"/> C19_COSTOBJECTCODE	Cost Object Code	Character	10
<input type="checkbox"/> C20_TIMESHEETID	Time Sheet ID	Character	14
<input type="checkbox"/> C21_TIMESHEETSTATUS	Time Sheet Status	Character	20
<input type="checkbox"/> C22_WORKINGHOURS	Working Hours	Integer	
<input type="checkbox"/> C23_TIMESHEETSTARTDATE	Time Sheet Start Date	Date (DD/MM/YYYY)	
<input type="checkbox"/> C24_TIMESHEETENDDATE	Time Sheet End Date	Date (DD/MM/YYYY)	
<input type="checkbox"/> C25_TIMESHEETFREQUENCY	Time Sheet Frequency	Character	20
<input type="checkbox"/> C26_TIMESHEETAMOUNT	Time Sheet Amount	Floating point	
<input type="checkbox"/> C27_CURRENCY	Currency	Character	3

SAP GRC-Fieldglass Integration: Program to onboard Fieldglass Report

Options

Onboard Report: ☒  
Transport Report Configuration: ☐

Report Selection

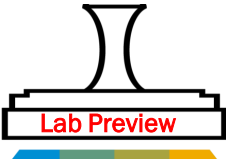
Fieldglass Connector:   
Fieldglass Report ID:   
Production Mode: ☐

## 3. Report Configuration

## 4. Report Onboarding



# Upcoming: Fieldglass Integration



Timeframe: 10.10.2023 ID: 50123869 Last Modified On: 09.10.2023 16:10:50

Basic Information Data for Analysis Input Parameter Filter Criteria Deficiency Criteria Conditions and Calculations Output Format Technical Settings Ad-hoc Query Controls Attachments and Links

Target Connector: ZAKS\_FG01 Apply Rule Deficiency: \*Total\_hours\_Booked\_Q1\_2022 ( 10 ) Max. Rows: 100 Timeframe: Annual Year: 2022 Start

View: [Standard View] Print Version Export

Sequence Number	Deficiency Type	Deficiency Description	Consolidated Worker ID	Worker Type	Time Sheet ID	Time Sheet Status	Working Hours	Time Sheet Start Date	Time Sheet End Date	Time Sheet Frequency	Total_hours_Booked_Q1_2022
1	High	> More than 800 hours booked in period	SAPXW	Statement of Work	SAPX	Paid	160	01.02.2022	28.02.2022	Monthly	832
2	High	> More than 800 hours booked in period	SAPXW	Contingent	SAPX	Paid	280	01.02.2022	28.02.2022	Monthly	840
3	Medium	Between 751 and 800 booked hours in period	SAPXW	Statement of Work	SAPX	Paid	120	01.01.2022	31.01.2022	Monthly	752
4	Medium	Between 751 and 800 booked hours in period	SAPXW	Statement of Work	SAPX	Paid	160	01.03.2022	31.03.2022	Monthly	792
5	Medium	Between 751 and 800 booked hours in period	SAPXW	Statement of Work	SAPX	Paid	152	01.03.2022	31.03.2022	Monthly	792
6	Medium	Between 751 and 800 booked hours in period	SAPXW	Statement of Work	SAPX	Paid	160	01.02.2022	28.02.2022	Monthly	784
7	High	> More than 800 hours booked in period	SAPXW	Statement of Work	SAPX	Paid	176	01.03.2022	31.03.2022	Monthly	832
8	Medium	Between 751 and 800 booked hours in period	SAPXW	Statement of Work	SAPX	Paid	144	01.01.2022	31.01.2022	Monthly	784
9	High	> More than 800 hours booked in period	SAPXW	Statement of Work	SAPX	Paid	232	01.03.2022	31.03.2022	Monthly	824
10	Medium	Between 751 and 800 booked hours in period	SAPXW	Statement of Work	SAPX	Paid	152	01.01.2022	31.01.2022	Monthly	788

Ready to use as data source to apply any business rule.



# Planned Innovations **SAP Risk Management**

- Rule-based risk response recommendation
- Situation Handling for Key Risk Indicators violation
- Business Continuity Planning and Business Impact Assessment
- Third Party Risk Management





# Planned Innovations **SAP Audit Management**

- Regularly retrieve KRIs from SAP Risk Management
- Use KRIs to prioritize auditable items
- Enable users to check out and answer all the questions within a work package on a single page
- Upload evidence and create findings for questions





# Upcoming: Embedded Analytics for Audit Reporting

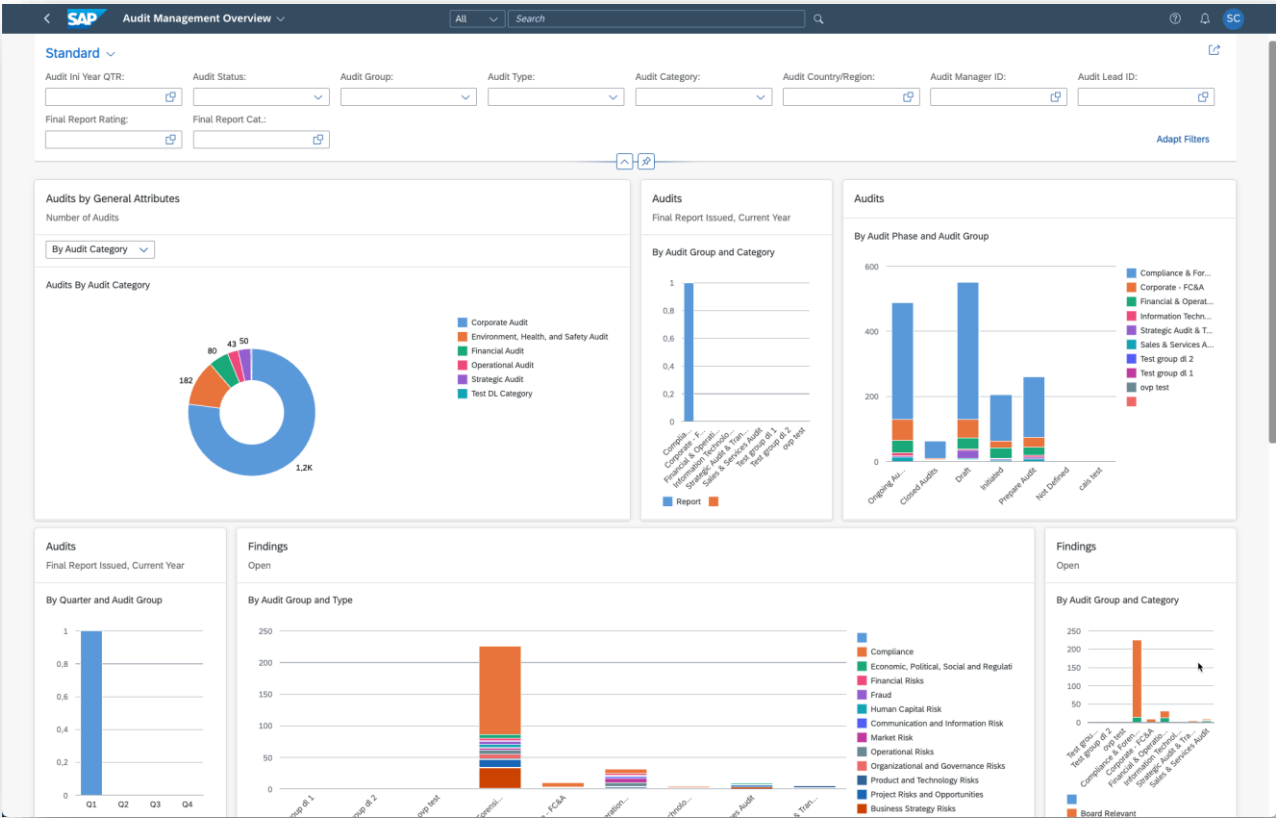
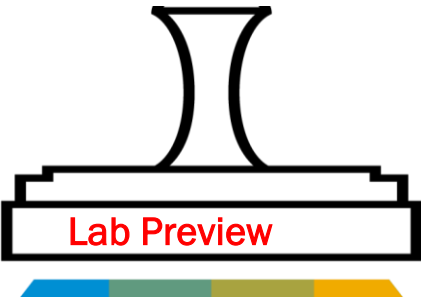


3 Apps

- Analyze Audit Engagements
- Analyze Findings
- Analyze Action Plans



10+ Charts





# Planned Innovations **SAP Financial Compliance Management**

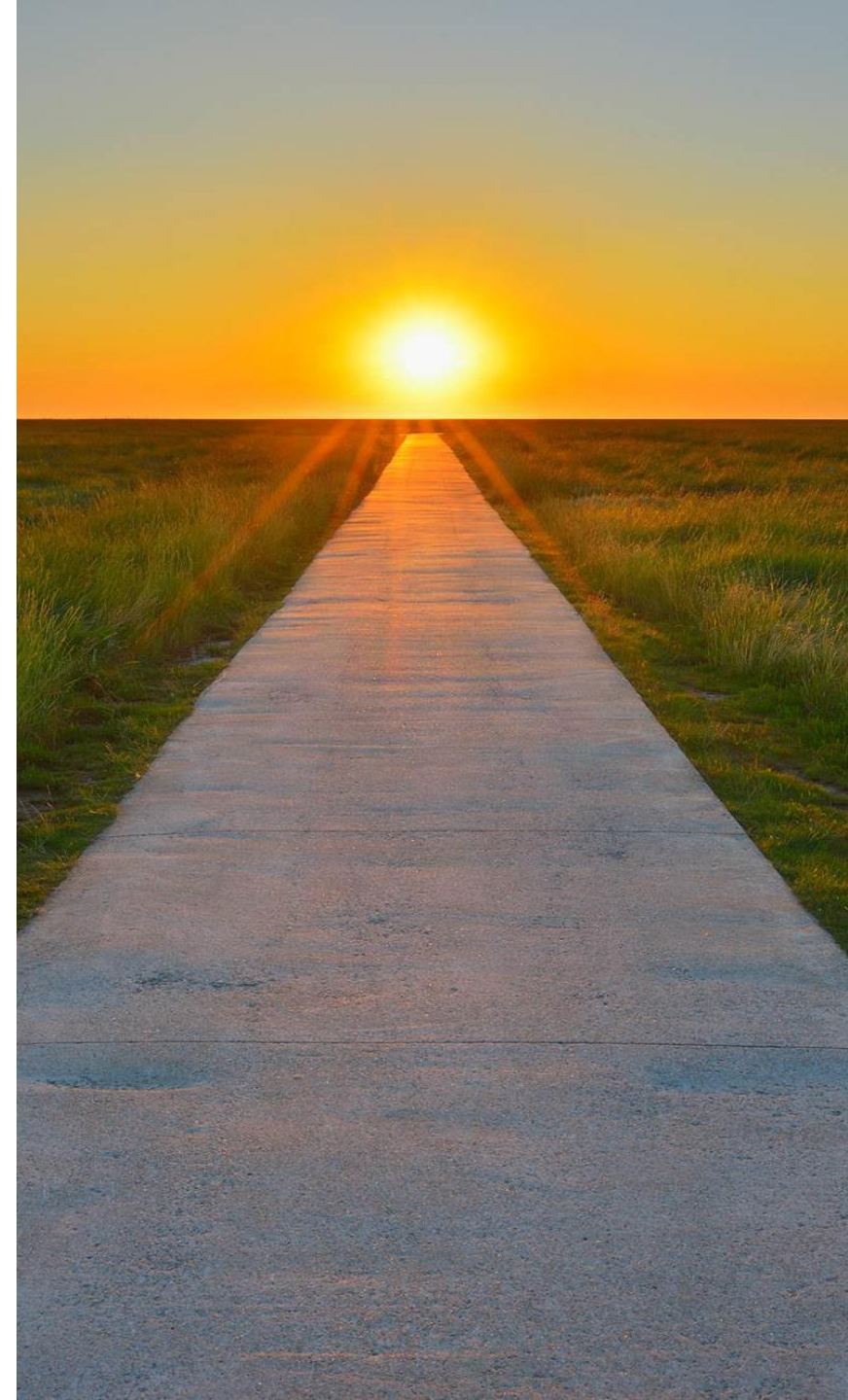
- Risk services capability
- Decision support by Machine Learning





# Upcoming: New Release in 2026

- [GRC Tuesdays: Announcing SAP's plans for a next generation Governance, Risk, and Compliance Platform: SAP GRC edition for SAP HANA | SAP Blogs](#)
- SAP Access Control, SAP Process Control and SAP Risk Management and is planned for the 1<sup>st</sup> quarter of 2026. Regular updates will be provided in the [GRC Tuesdays blogs](#). To give customers sufficient time to plan their transition to the new release, SAP is also planning on extending the maintenance timeline for SAP GRC version 12.0 by one year, until the end of 2028.
- SAP has also just announced a new SAP S/4HANA version of SAP Audit Management, SAP Business Integrity Screening (previously known as SAP Fraud Management) and SAP Tax Compliance. This update is also planned for Q1 2026.
- This means a complete new suite of solutions for Three Lines (of Defense) planned for early 2026!
- In addition to being built exclusively on SAP S/4HANA Foundation and SAP S/4HANA, this new release will deliver a technical landscape harmonization and an effortless upgrade path for existing customers.
- Note [3326989 - Announcement of the Upcoming Release of SAP Access Control, SAP Process Control and SAP Risk Management in 2026 - SAP ONE Support Launchpad](#)
- More details: [SAP Note 3334350](#) – Announcement of the Upcoming Release of SAP assurance and compliance software for SAP S/4HANA





## Wrap Up







## Reimagine risk and compliance with integrated, automated, and embedded solutions to protect your business

Adopt the Three Lines Model recommended by the Institute of Internal Auditors and others by linking operations, risk management, compliance, and internal audit. SAP GRC solutions support automation for tasks and decision-making, real-time visibility with continuous control monitoring, and predictive analytics to inform business operations and planning.



Leverage predictive capabilities for improved risk management

Protect your company's reputation and intellectual property enterprise-wide. Flexible solutions for cyberthreat monitoring, data controlling, identity and access governance, and privacy management help keep systems and data more secure in a continuously changing environment while enabling powerful and flexible monitoring, detection, and response.



Reduce cyberthreats and manage user identities

Conduct trade in evolving global markets with greater confidence and agility. With SAP solutions, you can maximize the potential of trade strategies and partnerships by centrally managing trade compliance based on ever-evolving regulatory requirements, geopolitical risks, changing market opportunities, tariffs, trade agreements, and other customs processes.




Optimize global trade with agile compliance processes

Just some samples. You want to see more innovations? Visit SAP's [Roadmap Explorer](#).



## Project One Pager





### Innovation project regulatory intelligence for SAP GRC

AI-powered risk and compliance management  
Leveraging digitization, automation, and smart technologies, our initiative aims to enable effective risk and compliance management.


#### Customer value

Automatic detection of regulatory requirements & changes, and recommendations to mitigate risks for non-compliance:

**Goal 1**  
Decrease manual effort by automatically detecting & extracting control definitions from regulatory and policy documents

**Goal 2**  
Enable up-to-date & seamless compliance by providing automated delta, coverage and gap analysis


#### Identified customer use cases



Stay up to date with local, regional and global regulations, such as NIST, FITSM and COBIT



Identify required changes to stay compliant with internal policies and controls



Prototype aspiration is to be part of BTP and used in GRC in SAP S/4HANA to map regulatory changes to internal controls



# Key Points to Take Home

---

- ✓ Think BIG, but start small
- ✓ Stick to the standard
- ✓ Check out regular updates on deliveries (Notes and Support packs)
- ✓ Check out what's really in GRC
- ✓ Training, enablement and feedback are key
- ✓ User support never ends
- ✓ Change is the only constant!



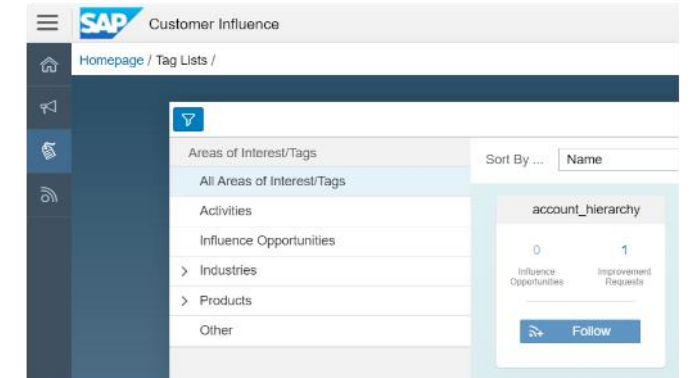
# How to Influence SAP

[influence.sap.com](https://influence.sap.com)

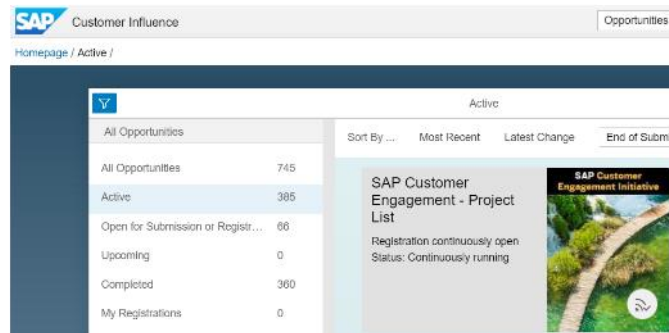
provides a public overview of all influence & adopt offerings at SAP



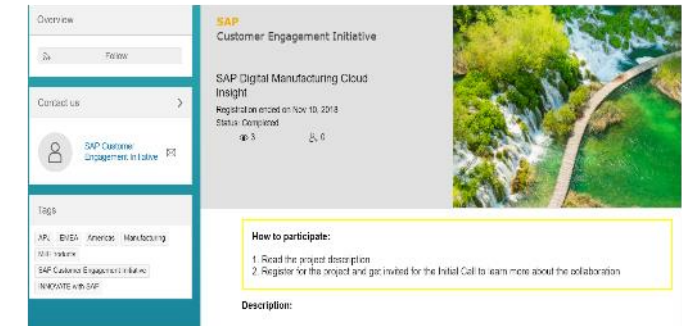
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# Where to find more information

## GRC on sap.com

- Governance, Risk, and Compliance (GRC) Solutions: <https://www.sap.com/products/financial-management/grc.html>
- What is GRC: <https://www.sap.com/insights/what-is-grc.html>

## General help with SAP Governance Risk and Compliance

- Help Portal: <https://help.sap.com/docs/> Then search for the product you need
- SAP Process Control: [https://help.sap.com/docs/SAP\\_PROCESS\\_CONTROL](https://help.sap.com/docs/SAP_PROCESS_CONTROL)
- SAP Risk Management: [https://help.sap.com/docs/SAP\\_RISK\\_MANAGEMENT](https://help.sap.com/docs/SAP_RISK_MANAGEMENT)
- SAP Audit and Compliance Software (ACS): <https://help.sap.com/docs/acs>

## Governance, Risk, Compliance (GRC), and Cybersecurity Blogs and our Community

- GRC blogs: <https://blogs.sap.com/tags/237150e2-6555-4a16-b49e-e93dbf1891da/>
- SAP GRC Community: <https://community.sap.com/topics/grc>



# Thank you! Questions?

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# SAPinsider



## SAPinsider.org

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