



Transform your business with RISE with SAP and the Microsoft Cloud

Laz Uriza, Director, SAP on the Microsoft Cloud
Shaila Malyala, Director, SAP on the Microsoft Cloud

Las Vegas

2024

SAPinsider

The Microsoft and SAP partnership – move with confidence

30

Year partnership



Extensive customer overlap, serving most of today's largest enterprises*



SAP runs on Microsoft Azure and Microsoft runs on SAP



Ongoing global investments and an aligned ecosystem

**RISE
WITH
SAP**

Microsoft Adopted RISE with SAP to Drive Business Innovation**

“The case for digital transformation has never been more urgent. By bringing together the power of Azure and Teams with SAP's solutions, we will help more organizations harness the power of the cloud so they can more quickly adapt and innovate going forward”

Satya Nadella
CEO of Microsoft



“New ways of working, collaborating and interacting completely transform how we operate. By integrating Microsoft Teams across our solution portfolio, we will bring collaboration to the next level, jointly determining the future of work and enabling the frictionless enterprise”

Christian Klein
CEO of SAP SE



*Sources include SAP and Microsoft benchmarking and customer reference points

**Microsoft is the first public cloud provider to adopt RISE with SAP internally to transform some of its large SAP ERP deployments

RISE With SAP and the Microsoft Cloud



Trust

30 years of building solutions for others and ourselves



Innovation

World-leading innovation in ERP, cloud, app dev / integration (BTP), security and AI

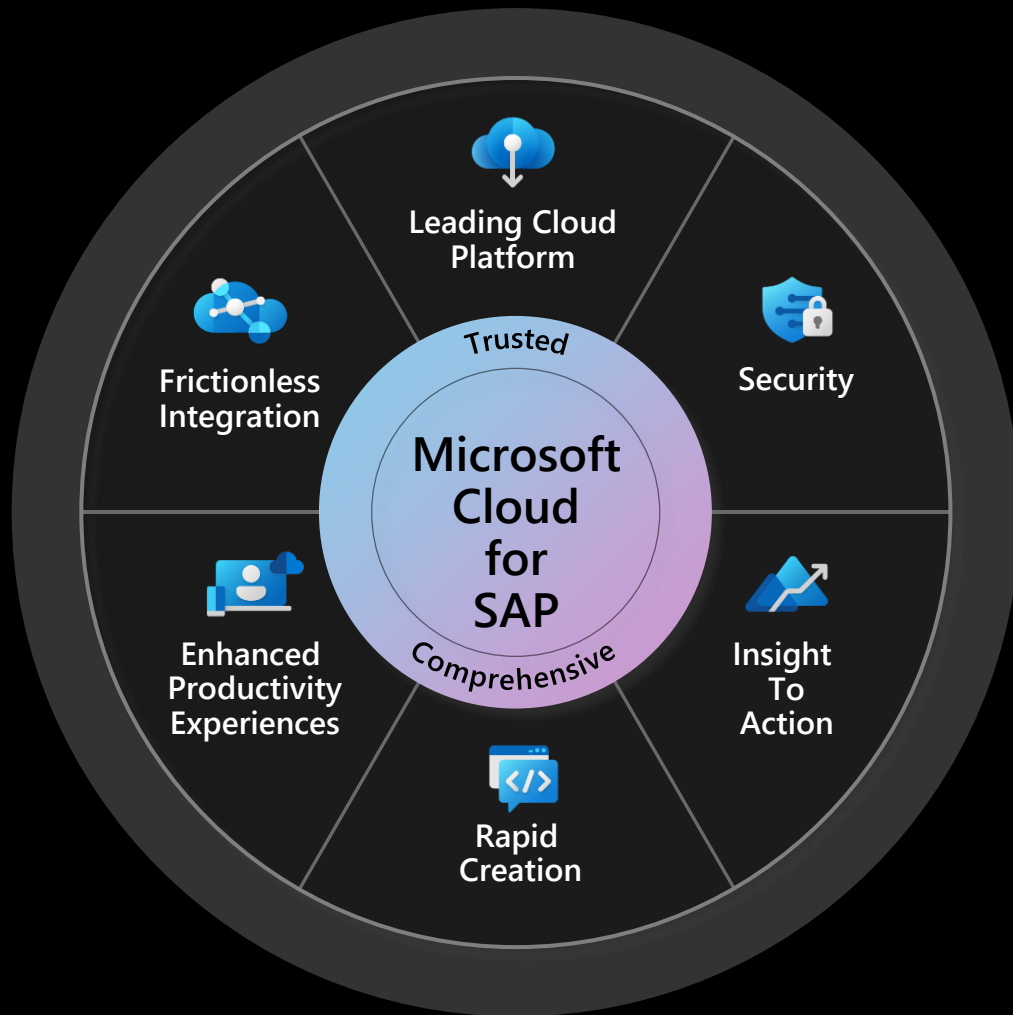
Security

Industry-leading identity, security and compliance partnership



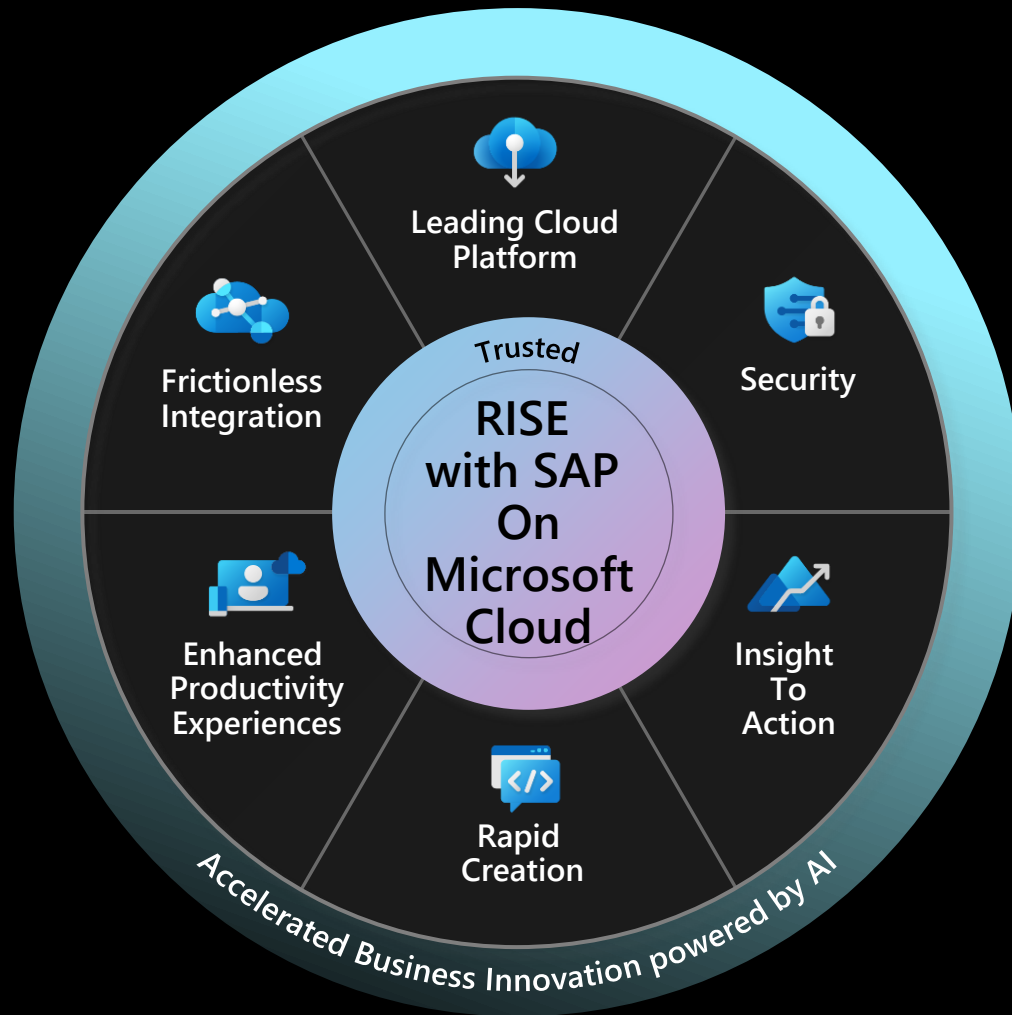
Leadership

More capabilities together than any other competitor derived through industry leadership in ERP, cloud, AI and security



SAP and Microsoft Cloud

Over 30-year SAP partnership of co-engineering and innovation



In the age of AI,
every experience
should be assisted
by an intelligent
Copilot and/or
Azure AI

Azure AI

Azure AI services



Document Intelligence



Cognitive Search



Bot Service



Video Indexer



Metrics Advisor



Immersive Reader



Vision



Speech



Language



Decision



Azure OpenAI Service

ML Platform



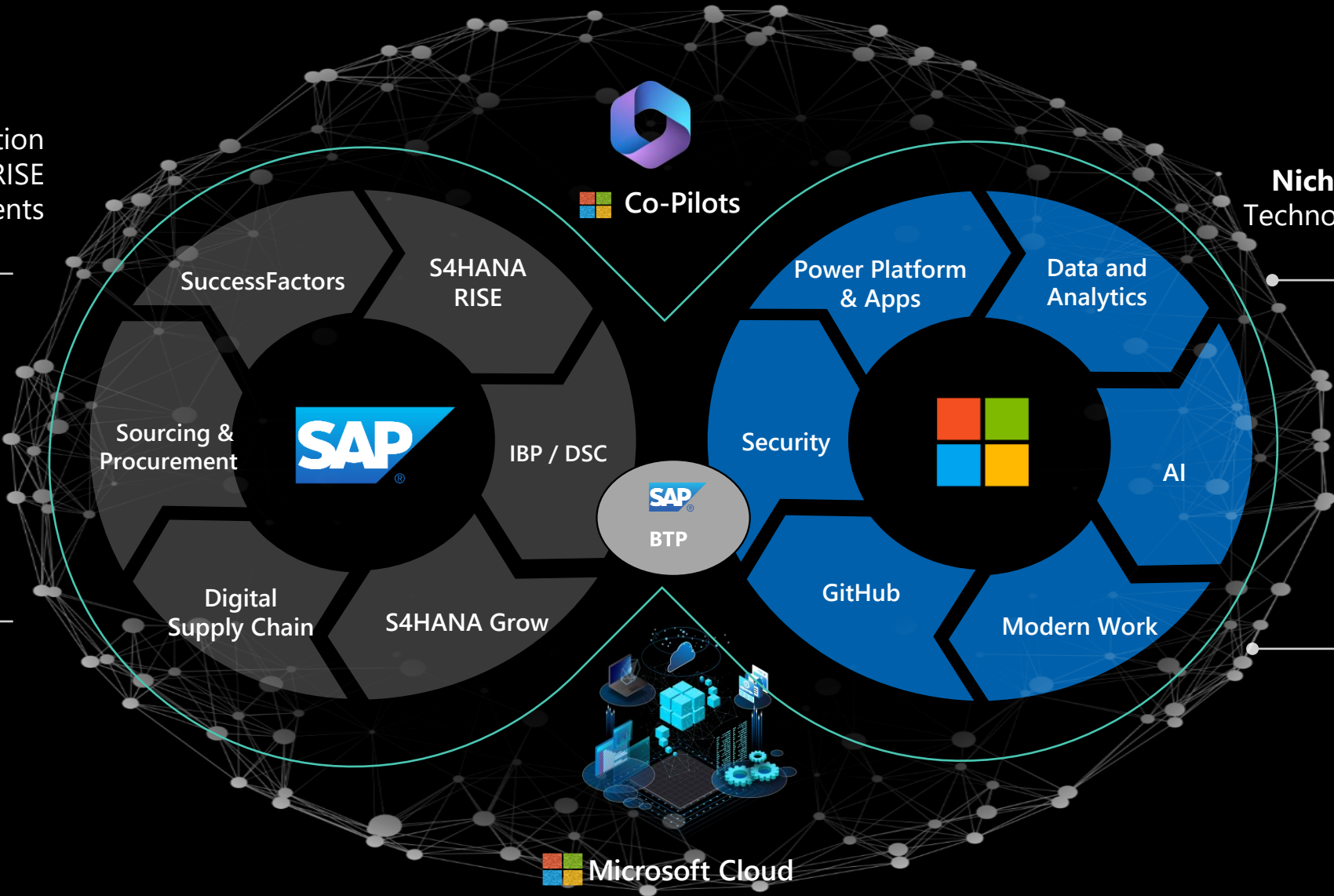
Azure Machine Learning

AI Infrastructure

Innovate with SAP | 2025 and beyond

Innovation and Transformation
driven by our Partners in RISE
on Microsoft Deployments

SI -Lighthouse Customers
on Innovation scenarios
leveraging Microsoft
Innovations



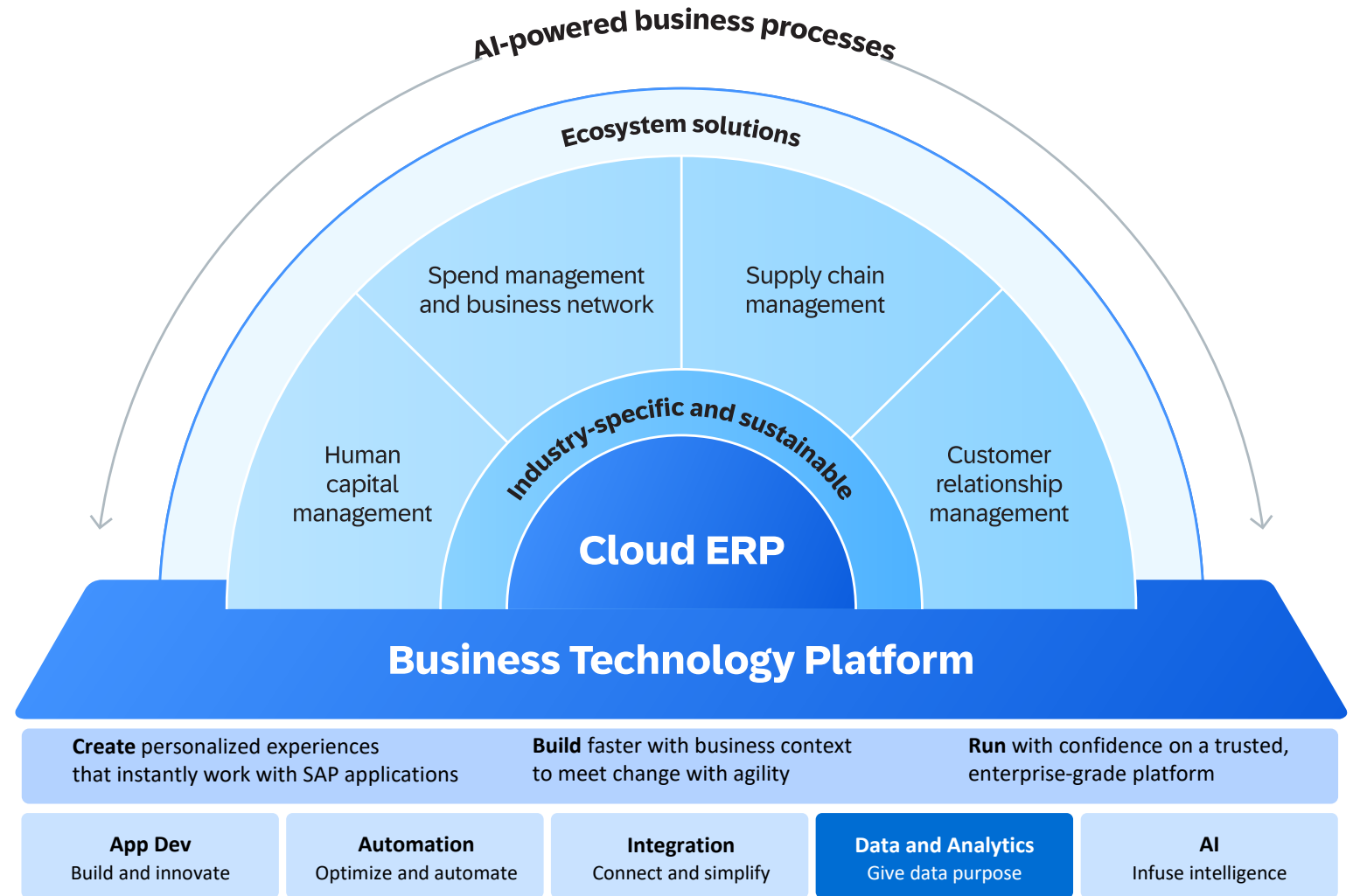
Niche ISV/SI - Microsoft
Technologies Embedded in
the SAP Solutions

ISV - Partners
developing solutions
made available on
Marketplace

Achieve business outcomes
with 60+ SAP BTP services
available on Azure

- SAP Datasphere
- SAP Analytics Cloud
- SAP HANA Cloud

And more...



Innovate by extending RISE with
Microsoft cloud services



Microsoft Fabric

Data analytics for the era of AI

Complete analytics
platform

Lake centric
and open

Empower every
business user

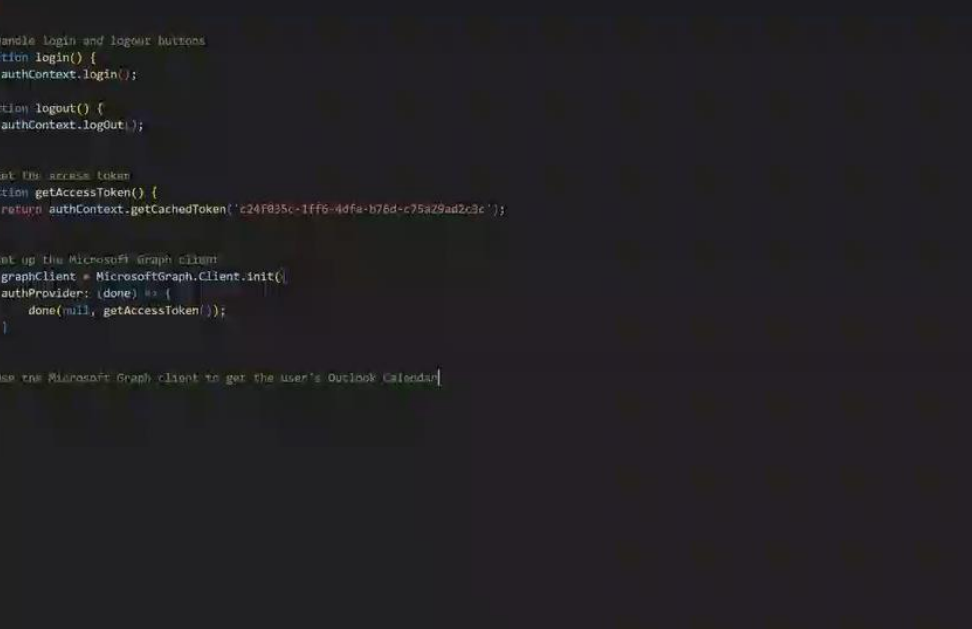
Copilot
powered



GitHub Copilot

"This is the single most mind-blowing application of machine learning I've ever seen."

Mike Krieger, Co-founder, Instagram



```
JS MicrosoftGraph.js
routes.js JS MicrosoftGraph.js
5 });
6
7 // Handle login and logout buttons
8 function login() {
9   authContext.login();
10 }
11 function logout() {
12   authContext.logout();
13 }
14
15 // Get the access token
16 function getAccessToken() {
17   return authContext.getCachedToken('c24f835c-1ff6-4d4a-b76d-c75a29ad2c3c');
18 }
19
20 // Set up the Microsoft Graph client
21 var graphClient = MicrosoftGraph.Client.init(
22   authProvider: (done) => {
23     done(null, getAccessToken());
24   }
25 );
26
27 // Use the Microsoft Graph client to get the user's Outlook Calendar
28
29
30
```



46% of new code is now written by AI

55% faster overall developer productivity

75% developers feel more focused on satisfying work

TS sentiment.ts -GO write_sql.go parse_expenses

```
1 #!/usr/bin/env ts-node
2
3 import { fetch } from "fetch-h2";
4
5 // Determine whether the sentiment of t
6 // Use a web service
7 async function isPositive(text: string)
8   const response = await fetch(`http://
9     method: "POST",
10    body: `text=${text}`,
11    headers: {
12      "Content-Type": "application/x-ww
13    },
14  });
15   const json = await response.json();
16   return json.label === "pos";
17 }
```

Copilot

Microsoft AI SDK for SAP

Easily bring AI to SAP ABAP



ABAP ready data types

Azure Active Directory and
key support

Enterprise controls



Learn more: [AI SDK for SAP | AI SDK for SAP \(microsoft.github.io\)](https://microsoft.github.io/AI-SDK-for-SAP/)

Microsoft Security

Comprehensive visibility, automation, and intelligence

Protect
everything

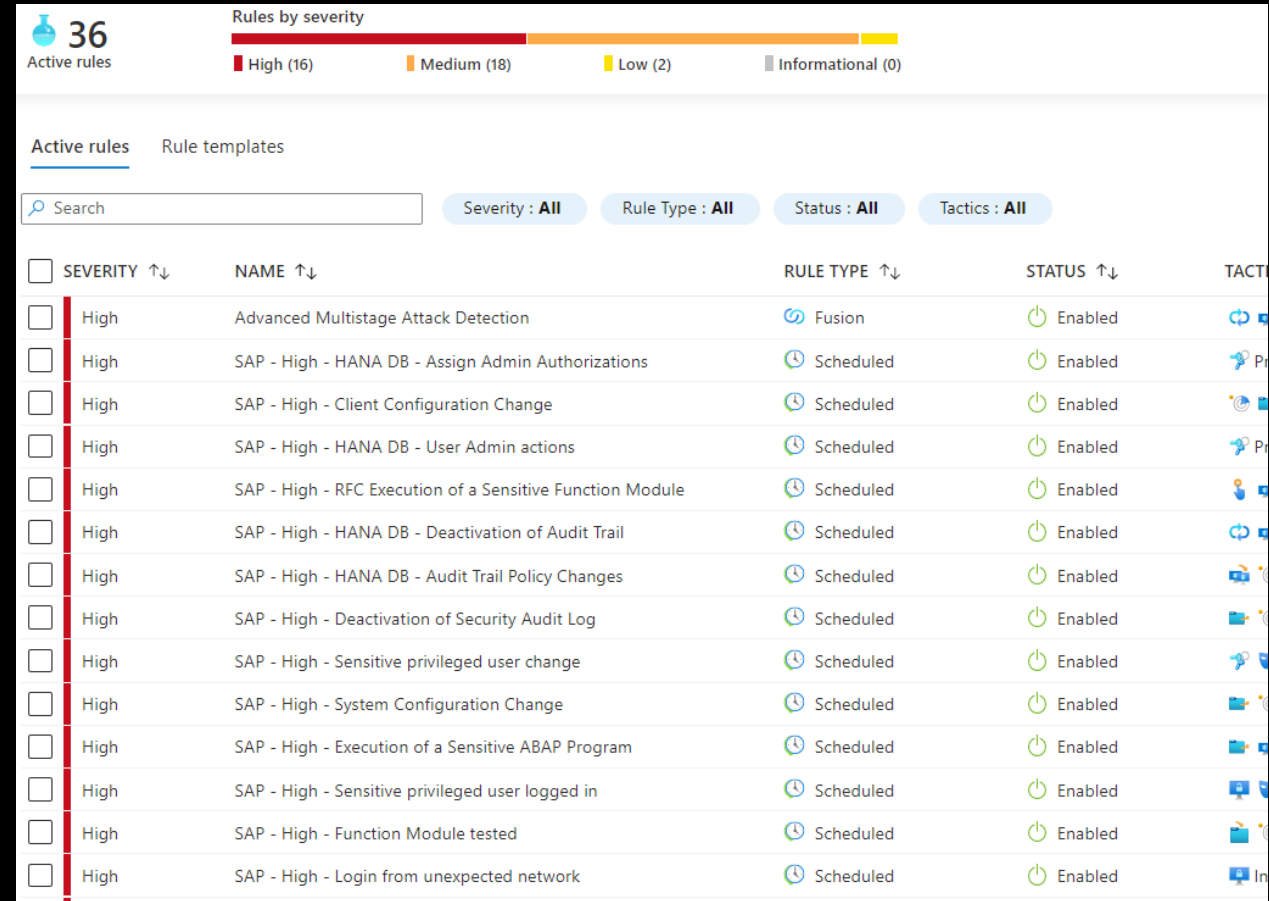
Simplify the
complex

Catch what
others miss

Grow your
business

Microsoft Sentinel solution for SAP applications

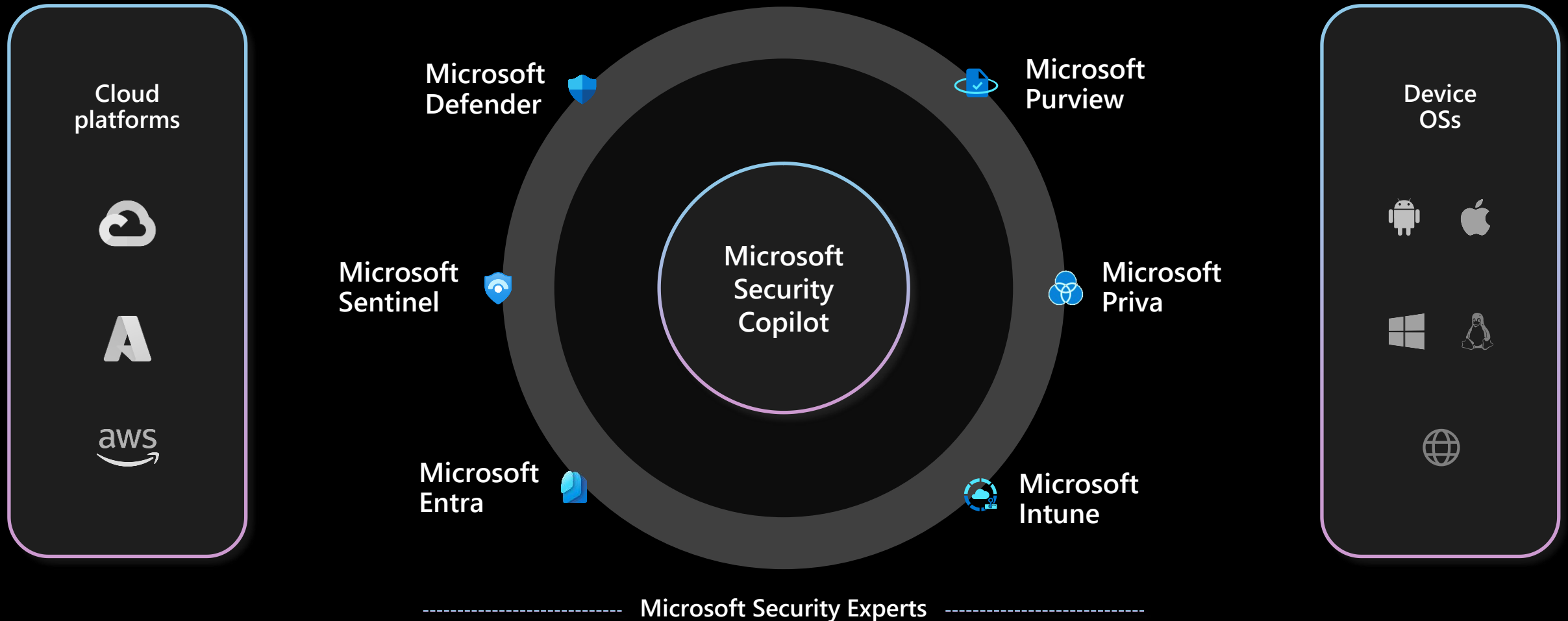
- First cloud-native SIEM solution certified for RISE with SAP
- Ingest data into Sentinel from SAP Netweaver and SAP S/4 HANA on any cloud or on-premises including SAP BTP
- Continuously monitor SAP systems for threats across all layers: business logic, application, database, and OS
- Detect threats like privilege escalation, unapproved change and more with out-of-the-box detections
- Respond to incidents in SAP using a built-in SAP connector (SOAR)



The screenshot displays the Microsoft Sentinel 'Active rules' page. At the top, a 'Rules by severity' bar shows 36 active rules: 16 High (red), 18 Medium (orange), 2 Low (yellow), and 0 Informational (grey). Below this, the 'Active rules' tab is selected, showing a search bar and filter buttons for Severity (All), Rule Type (All), Status (All), and Tactics (All). A table lists 16 high-severity rules, all with a status of 'Enabled'.

<input type="checkbox"/>	SEVERITY ↑↓	NAME ↑↓	RULE TYPE ↑↓	STATUS ↑↓	TACTICS
<input type="checkbox"/>	High	Advanced Multistage Attack Detection	Fusion	Enabled	
<input type="checkbox"/>	High	SAP - High - HANA DB - Assign Admin Authorizations	Scheduled	Enabled	Pr
<input type="checkbox"/>	High	SAP - High - Client Configuration Change	Scheduled	Enabled	
<input type="checkbox"/>	High	SAP - High - HANA DB - User Admin actions	Scheduled	Enabled	Pr
<input type="checkbox"/>	High	SAP - High - RFC Execution of a Sensitive Function Module	Scheduled	Enabled	Pr
<input type="checkbox"/>	High	SAP - High - HANA DB - Deactivation of Audit Trail	Scheduled	Enabled	
<input type="checkbox"/>	High	SAP - High - HANA DB - Audit Trail Policy Changes	Scheduled	Enabled	
<input type="checkbox"/>	High	SAP - High - Deactivation of Security Audit Log	Scheduled	Enabled	
<input type="checkbox"/>	High	SAP - High - Sensitive privileged user change	Scheduled	Enabled	
<input type="checkbox"/>	High	SAP - High - System Configuration Change	Scheduled	Enabled	
<input type="checkbox"/>	High	SAP - High - Execution of a Sensitive ABAP Program	Scheduled	Enabled	
<input type="checkbox"/>	High	SAP - High - Sensitive privileged user logged in	Scheduled	Enabled	
<input type="checkbox"/>	High	SAP - High - Function Module tested	Scheduled	Enabled	
<input type="checkbox"/>	High	SAP - High - Login from unexpected network	Scheduled	Enabled	In

Defend at machine speed with Microsoft Security Copilot



Microsoft 365 Copilot

Embedded across Microsoft 365 apps



Business Chat brings together data from documents, presentations, email, calendar, notes, and contacts – all using natural language



Customer:
Hilti Group

Industry:
Manufacturing

Size:
10,000+ employees

Country:
Liechtenstein

Products and services:
Microsoft Azure
Azure Firewall
Azure Storage
FastTrack for Azure
SAP on Azure

[Read full story here](#)



"RISE with SAP on Azure helped us move our experts and resources into areas where they can add the most value, which was a game-changer."

—Dr. Christoph Baeck, Head of IT Platforms, Hilti Group

Construction industry supplier Hilti Group relies on its SAP landscape to enhance direct-to-consumer relationships and back-end processes, including shipping and accounting. To accelerate its innovation roadmap, Hilti sought to transform its IT environment in the cloud.

The company migrated its massive SAP landscape to RISE with SAP on Microsoft Azure. In parallel, it upgraded from a 12-terabyte to a 24-terabyte SAP S/4HANA enterprise resource planning application and is about to shut down its on-premises datacenter to make Azure its sole platform.

In less than a year, Hilti's migration project and subsequent IT upgrades helped it increase resilience and prepare for more rapid growth. The project also helped the company move its experts and resources into the most business-critical areas, supporting its goal of digitizing the industry.

Thank you! Any Questions?

Laz Uriza, Director, SAP on the Microsoft Cloud
Shaila Malyala, Director, SAP on the Microsoft Cloud

Please remember to complete
your session evaluation.

SAPinsider



SAPinsider.org

PO Box 982Hampstead, NH 03841
Copyright © 2024 Wellesley Information Services.
All rights reserved.

SAP and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP SE (or an SAP affiliate company) in Germany and other countries. All other product and service names mentioned are the trademarks of their respective companies. Wellesley Information Services is neither owned nor controlled by SAP SE.

SAPinsider comprises the largest and fastest growing SAP membership group with more than 800,000 members worldwide.
