

Security for RISE and GROW with SAP

Tobias Keller, Arndt Lingscheid and Gabriele Fiata
SAP

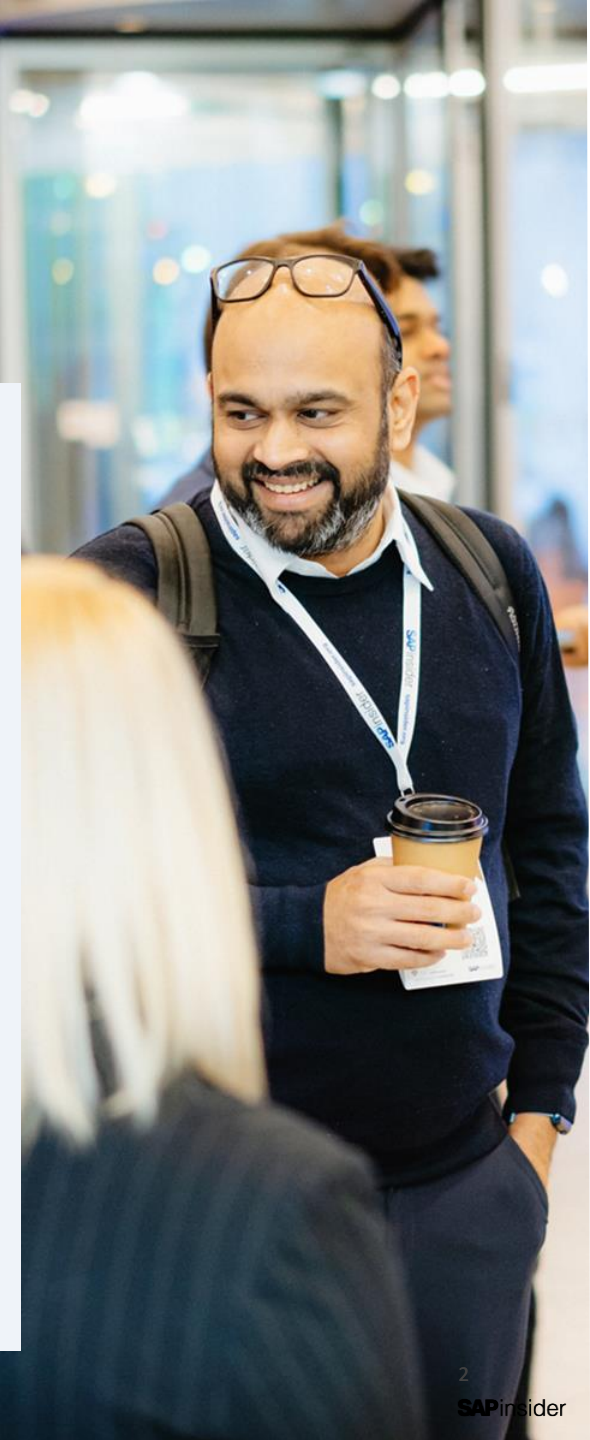
Las Vegas

2024

SAPinsider

What We'll Cover

- What is RISE with SAP and what is GROW with SAP
- Why is Security an important factor for RISE and GROW
- What are the Security advantages of RISE and GROW
- Examples of what changes from the on-prem SAP security
- Key points to take home



GROW and RISE with SAP | Differentiated Cloud journeys



RISE with SAP



GROW with SAP

Solution

SAP S/4HANA cloud, **private edition** + Acceleration services, tools, methodologies, and security as a service

SAP S/4HANA Cloud, **public edition** + Acceleration services, tools, methodologies, and security as a service

Best suited for

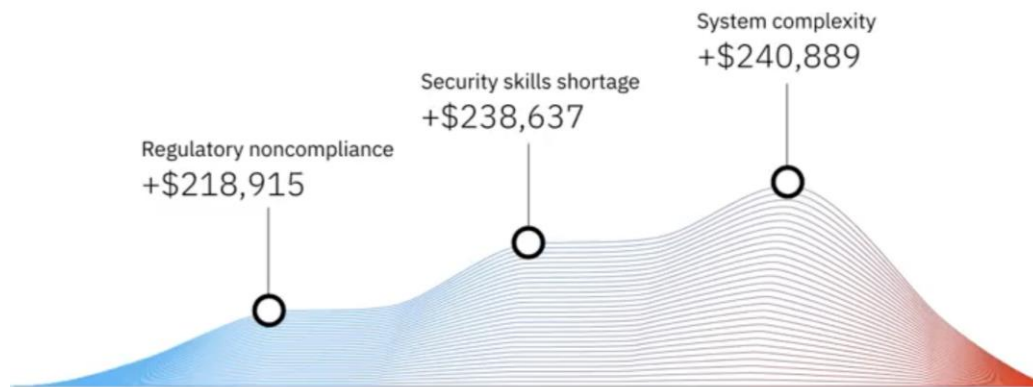
Large Enterprises or SAP ERP installed base customers migrating to the cloud by leveraging their existing solution

Mid-market companies starting a green-field ERP deployment

Customer journey

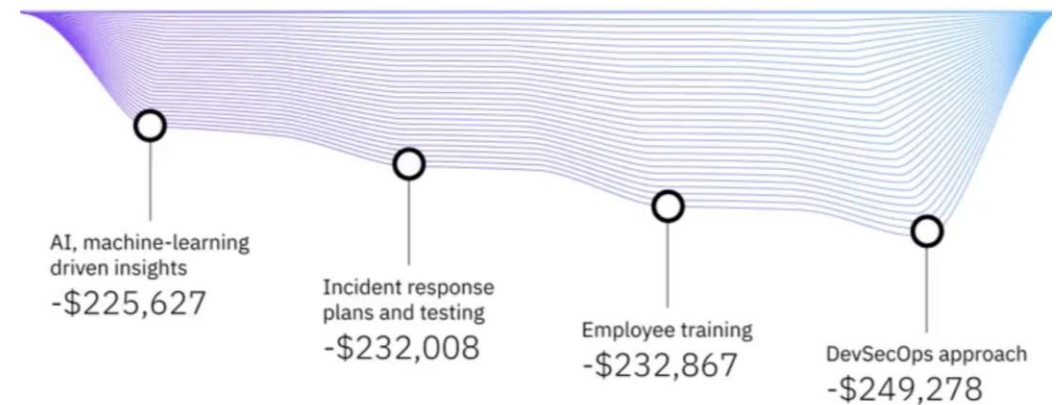
Designed to provide innovation and cloud value while allowing customers to retain their investments by **converting their existing system(s)**

Strategic choice for companies ready to embrace the future of ERP with a **new implementation and pre-defined processes**



Factors that increase
breach costs

Factors that reduce
breach costs



*IBM Cost of a Data Breach 2023

RISE With SAP - Security Framework Built Into the SAP Offering...

Where you may be today

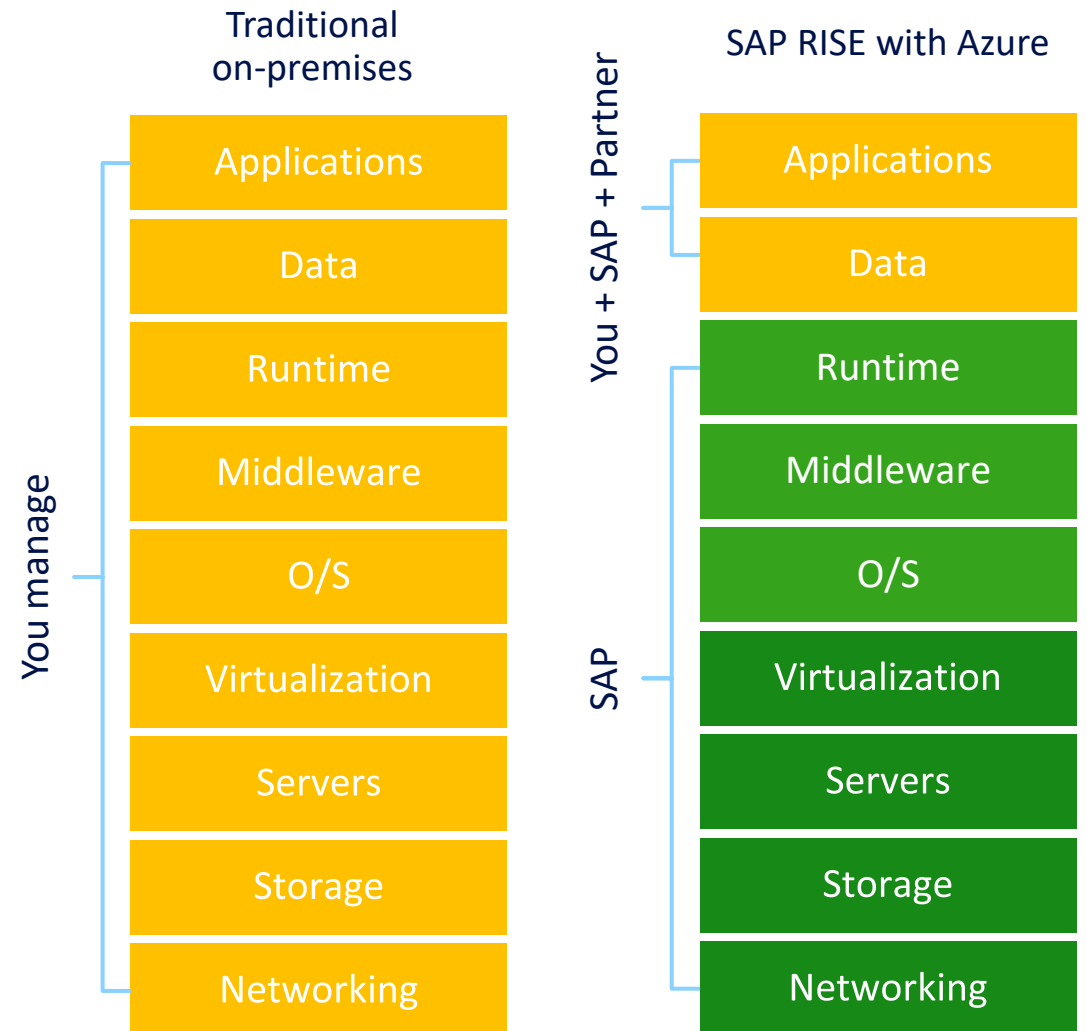
- ✓ Landscapes on older releases
- ✓ Home Built Extensions with security vulnerabilities
- ✓ Difficult to secure complex hybrid landscapes
- ✓ Desire to offload infrastructure
- ✓ Need security and compliance support

How SAP helps you run an Intelligent Enterprise

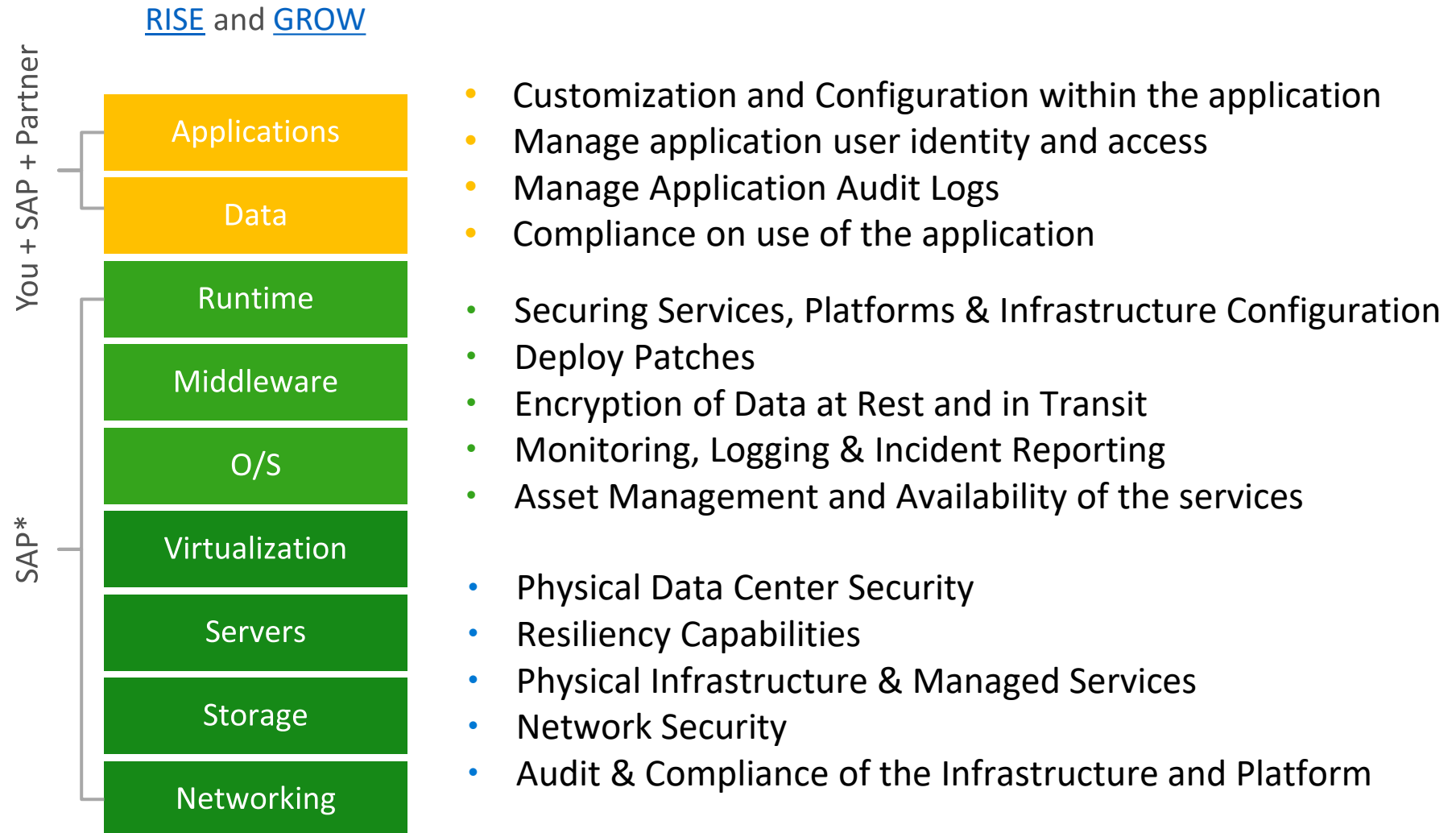
- ✓ Move your system to cloud and upgrade to S/4HANA
- ✓ Move custom dev to BTP and standardize
- ✓ SAP manages O/S, DB, Servers
- ✓ Seamlessly connect to BTP and LoB cloud Apps
- ✓ Make use of SAP people, processes and technologies

The Result

- ✓ Consistent and harmonized security architecture at all levels
- ✓ Minimized blind spots and overall TCO
- ✓ One point of contact for security & resilience matters
- ✓ Peace of mind with shared security fate



Collaborating to support your cloud and security journey



*SAP maintains responsibility for the infrastructure that the hyperscaler provides on SAP's behalf and for helping ensure each hyperscaler performs as per the contractual agreement.

Examples – Backup and Disaster Recovery



On-Premise

→ Managed by you

SAP S/4HANA cloud, **private**
edition



RISE with SAP

→ Managed by SAP

SAP S/4HANA cloud, **public**
edition



GROW with SAP

→ Managed by SAP

Examples – Patching for DB, O/S, Server and Middleware



On-Premise

→ Managed by you

SAP S/4HANA cloud, **private**
edition



RISE with SAP

→ Managed by SAP

SAP S/4HANA cloud, **public**
edition



GROW with SAP

→ Managed by SAP

Examples – Implementing SAP S/4HANA Security Notes



On-Premise

→ Managed by you

SAP S/4HANA cloud, **private**
edition



RISE with SAP

→ Managed by SAP (Very High CVSS > 9.0)

→ Identify, Analyze and implement security notes*

→ Customer responsible for testing (if required)

→ Customer checks authorizations changes needed in prod client after functional upgrades

SAP S/4HANA cloud, **public**
edition



GROW with SAP

→ Managed by SAP

→ Customer to check if authorizations changes are needed after functional upgrades

* This task is automatically delivered for noted <9.0 if Customer has relevant Cloud Application Services (CAS) Packages.

Customers without relevant CAS Package(s) can check security notes <9.0 on SAP for Me (formerly known as the ONE Support Launchpad) and create a Service Request.

Examples – SAP S/4HANA Security Hardening



On-Premise

→ Managed by you

SAP S/4HANA cloud, **private**
edition



RISE with SAP

- Managed by SAP
- Following the ECS Hardening
- Customers can request security profile value changes within pre-approved ranges by ECS (Enterprise Cloud Services)

SAP S/4HANA cloud, **public**
edition



GROW with SAP

- Managed by SAP
- Security Configurations are predefined – customer can only adapt a few settings
- Details: Security Recommendations

Examples – SAP S/4HANA Users and Permissions (Client 100)

SAP S/4HANA cloud, **public**
edition



Business Roles

Business Catalogs

Business Apps or
Custom Apps

Assign to

Business Users

Examples – Logging and Monitoring



On-Premise

→ Managed by you

SAP S/4HANA cloud, **private edition**



RISE with SAP

→ Customer can retrieve application (client 100) logs

→ SAP provides private cloud logs from O/S, HANA DB and network*

→ SAP Enterprise Threat Detection optional (also available as a service through specialized partners)

SAP S/4HANA cloud, **public edition**



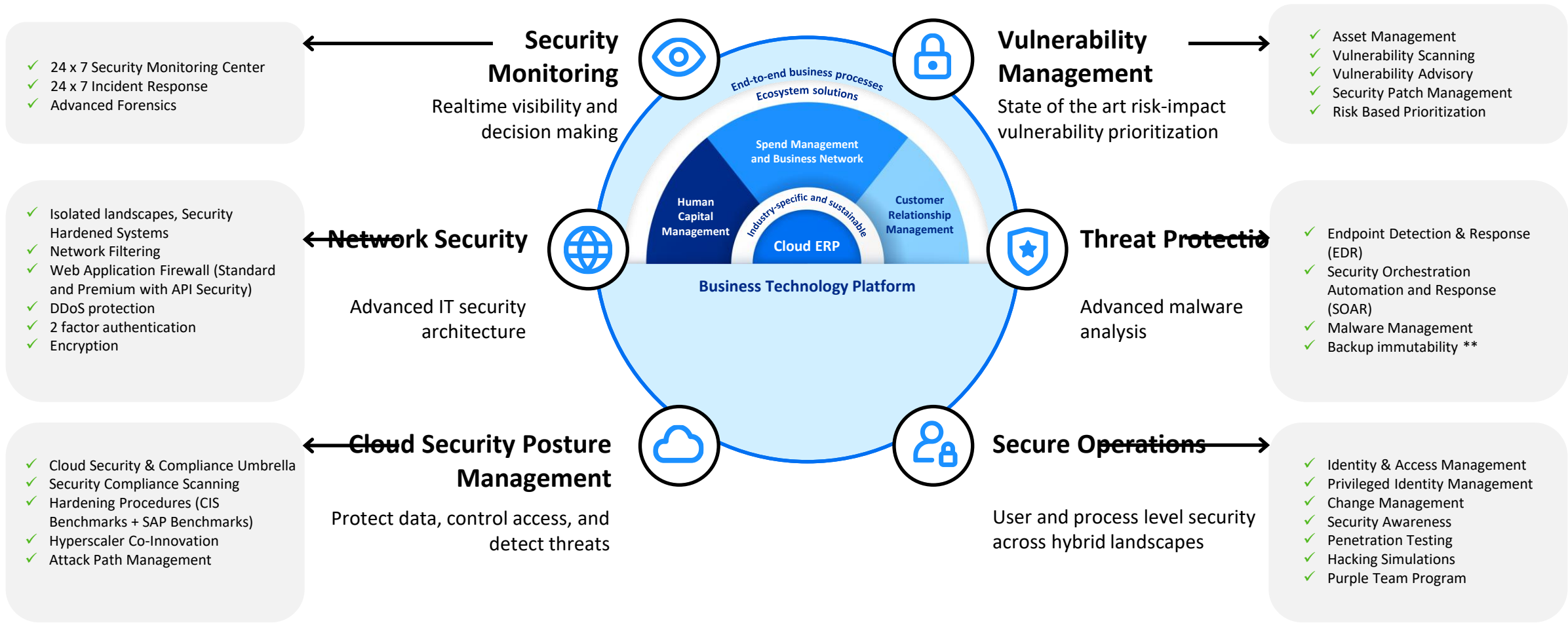
GROW with SAP

→ SAP provides application logs to customers

→ SAP Enterprise Threat Detection optional (also available as a service through specialized partners)

*Premium Offering with LogServe

SAP Cloud ERP – Security Features Highlights



SAP RISE Delivers Tangible Value

by help protecting business and managing risk



Business continuity and disaster recovery

Leverage SAP and hyperscaler service level agreements for business continuity, disaster recovery, and uptime capabilities



Compliance

Leverage SAP and hyperscaler third party audits (validated through various Certifications & Attestations) to support compliance that can assist with CMMC and build Zero Trust efforts



Security maintenance cost

Improve efficiency in the areas of patch management, security configuration, vulnerability scanning, threat management, compliance costs



Security hiring and continuous training costs

Leverage SAP skilled cybersecurity resources and best practices to reduce risk related to the cybersecurity talent shortage



Incident response time

Leverage SAP's Global Security Operations Center with 24 x 7 support including incident response, threat hunting for proactive security management



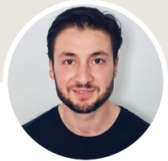
Focus on strategic & transformational initiatives

Free up IT and security resources to focus on strategic security initiatives and overall security governance for the company.

Key Points to Take Home

- Customers are supported with security and compliance in both RISE with SAP and GROW with SAP.
- It's crucial for SAP customers to grasp which security tasks remain their responsibility.
 - There are available SAP solutions that customers can opt-in to streamline and automate these security tasks
 - An ecosystem of skilled SAP partners is available to support
- Various packages of managed services are available to assist customers with tasks they prefer SAP to manage.

Thank you.



Gabriele Fiata

Enterprise Risk Management & Cybersecurity



Tomorrow:

- The Big Picture: Securing SAP with a framework for structured Security Processes
- Securing SAP Systems Against the Ever-Growing SAP Malware and AI Threat