

YouTube Live

Why **RISE with SAP** is the most secure way to run your ERP

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Cybersecurity Challenges

Dealing with complexity and skills shortages

\$4M to \$10M

Average cost of a data breach by industry¹

Only 1/3

of data breaches are discovered by a company's own security teams and tools²

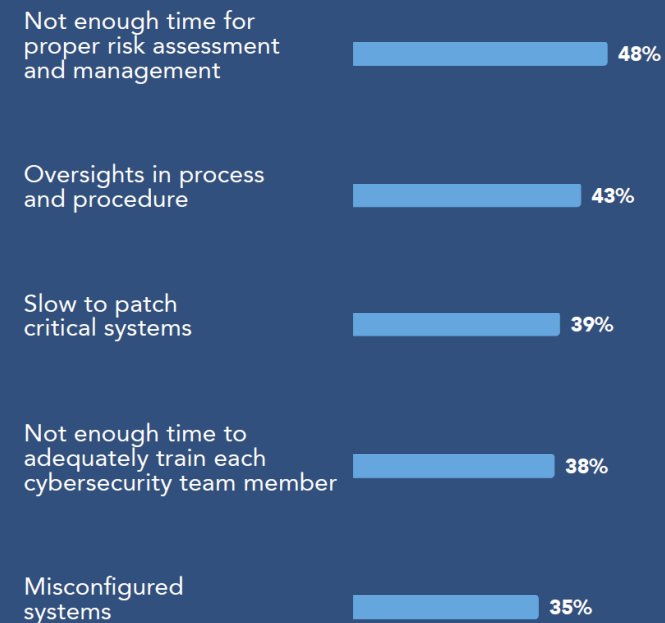
3.5 million

cybersecurity jobs are expected to remain unfilled through 2025³

^{1,2}IBM, Cost of Data Breach Report 2023 | ³ Cybersecurity Ventures

Chronic staff shortages are driving increased cyber risk

Which of the following factors do you feel would have been mitigated if you had enough cybersecurity staff?



Base: 4,967 global cybersecurity professionals whose teams have staff shortages

Security and Resilience strategies have to be designed around 3 key factors



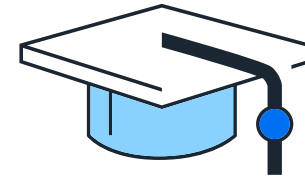
Defending against Cyber Attacks

- Coming in a **larger variety of forms** including ransomware, social engineering and DDoS
- **Evolving rapidly** (e.g., leveraging AI) making it difficult to defend using traditional methods



Managing Compliance

- **New and changing directives, laws and regulations** which vary globally.
- Challenges to assess overall compliance status, sometimes facing **fines and penalties** in case of non-compliance.



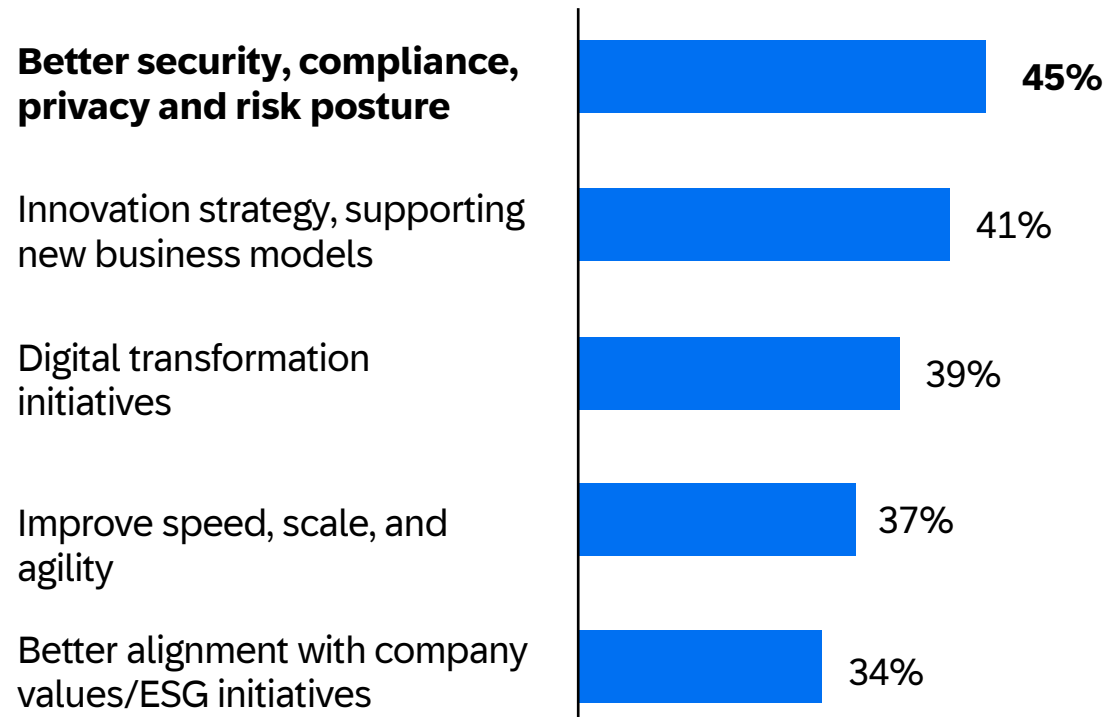
Mitigating Skills Shortage

- Difficult to **recruit and retain** trained cybersecurity staff – about **3,500,000** cybersecurity positions open globally
- Repetitive and **time-consuming maintenance tasks** prevent security teams from focusing on the broader cybersecurity strategy, posing a risk.

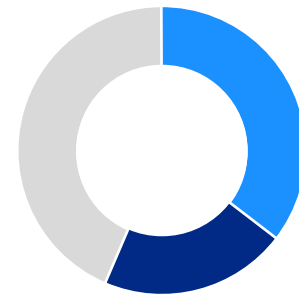
The move to the Cloud

Building Better Trust in Business with Cloud ERP Investments

Top strategic and operational reasons for migrating to cloud ERP



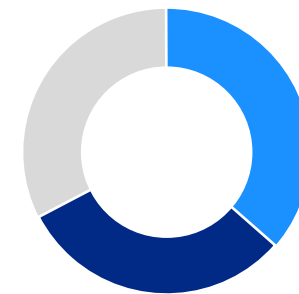
Key findings



Organizations recognize that **quickly changing security and regulatory landscape** is better supported by cloud providers.

On-Premises ERP users

Only 56% of on-premises ERP users report high trust



Cloud ERP users

67% of cloud ERP users report high trust in their platform (100% trust or close to 100% trust)

Security and Compliance in RISE with SAP

Our mission to stay Stronger Together



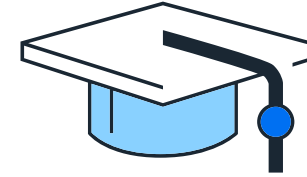
Defending against cyberattacks

while improving operational and cost efficiencies



Managing Compliance

with global and regional regulatory requirements



Mitigating skills shortages

with SAP security and compliance experts (+ ecosystem of partners)

99%

cloud security posture management compliance, exceeding the industry average

~130

internal and external audits, conducted regularly

~120k

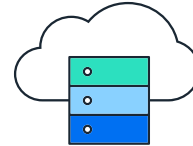
managed cloud systems secured across 26 industries (including critical infrastructures)

A Strategic, Collaborative Approach to Security Management

Work together with SAP experts through RISE with SAP



On-Premise
or IaaS



RISE with SAP

Benefits of
RISE with SAP



- Predictable cost-of-security ownership
- Reduced time-consuming repetitive work
- Mitigated security skills shortage
- Reliable system and service availability
- Always-on surveillance
- Regulatory compliance support
- Ready-to-run security
- Security patching support

Shared Security Responsibility Model

RISE WITH SAP
S/4HANA Cloud, Private Edition

SAP Enterprise Cloud Services (ECS)

- ✓ Resilient platform architecture (HA and DR)
- ✓ Single Tenanted Landscape
- ✓ Managed Backup and Restore
- ✓ Building Secure Virtual Machines, Operating systems, networking, HANA Database
- ✓ HANA DB Management
- ✓ Technical Managed Services [\(R&R Link\)](#)
- ✓ Operational Security and Managing security incidents
- ✓ 24x7 Security Monitoring
- ✓ Personal Data Breach Notification
- ✓ SLA and Support Services
- ✓ Threat Management & Patch Management



Customer

- ✓ Dedicated Private Connectivity to Hyperscaler
- ✓ Application User Identity Management
- ✓ Application User Authentication and Authorisation Management
- ✓ Application User Roles, User Groups, Access Control
- ✓ Customer Data Ownership
- ✓ Compliance to Government & Industry Regulations
- ✓ Application Security Audit Logging (SAL)
- ✓ Integration and Extensions, Custom Applications Development
- ✓ Configuration of the Customer Business Processes
- ✓ Application Change Management

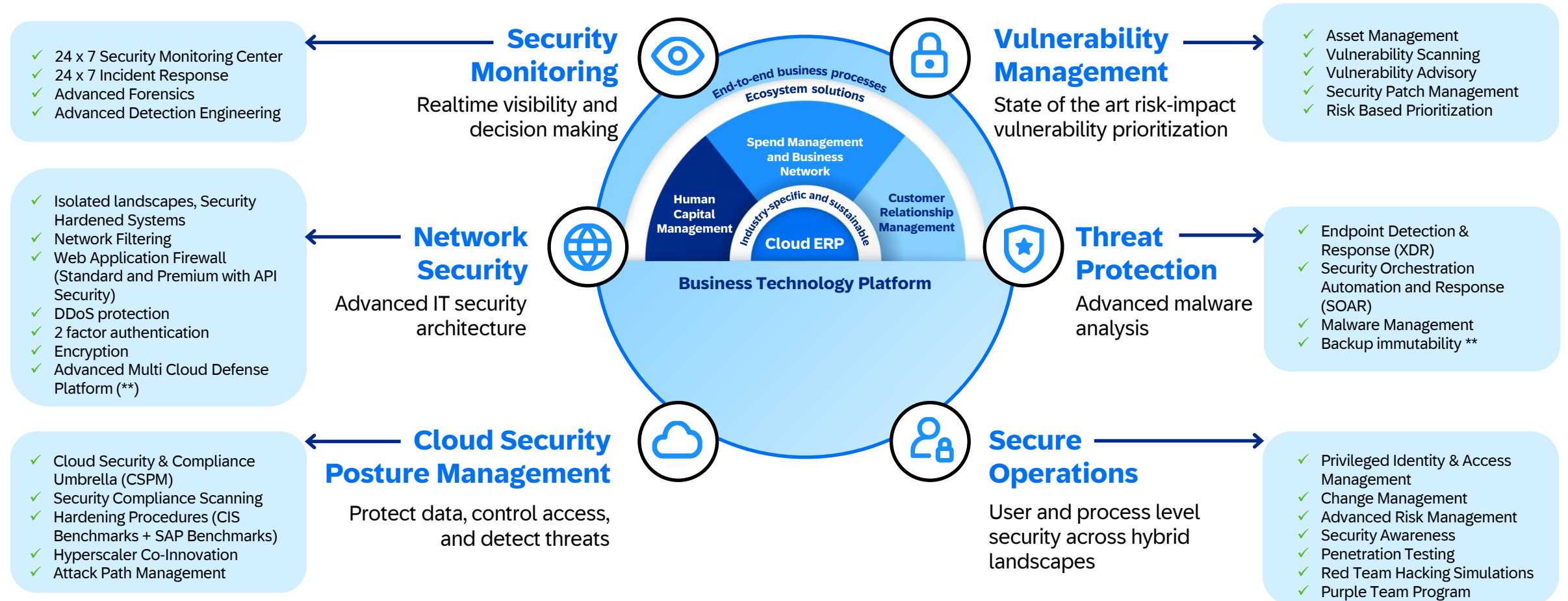
- ✓ Physical Data Center Security in multiple Regions
- ✓ Resilient Network Connectivity and Availability Zones
- ✓ Underlying Physical, Virtual Infrastructure & Hypervisor
- ✓ Network Availability with built-in basic DDoS protection
- ✓ Audit, Security and Compliance on IaaS

IaaS Provider
(Customer selected deployment Region)
Managed by SAP SE

Supported Hyperscalers



SAP Private Cloud – Security Framework



Learn More



- [RISE with SAP Security and Compliance, Video](#)
- [RISE with SAP Security and Compliance, Brief](#)
- [RISE with SAP, shared roles and responsibilities documents](#)
- [SAP Community Security and Compliance Blogs](#)
- [Security and Compliance for S/4HANA Cloud – Community Page](#)
- [SAP Trust Center](#)

Thank you.

