

White Paper:

Simplifying ERP Security & Compliance with Fálaina



Welcome to a New Era of ERP Security

ERP systems like SAP, Oracle, and other platforms are the central nervous system of your business. They're designed to connect your teams, processes, and data into one seamless, harmonious ecosystem. Whether it's crunching payroll numbers, tracking inventory, managing human resources, or streamlining your supply chain, these systems are the backbone of your operations, ensuring everything keeps moving forward.

Here's the reality: ERP systems are growing more complex by the day. Between remote workforces, hybrid clouds, third-party integrations, and new regulations popping up left and right, managing an ERP system today is like trying to juggle flaming torches while riding a unicycle. The stakes are sky-high—one slip, and you're looking at potential data breaches, compliance fines, or, worst of all, losing customer trust.

And let's talk about the pace of business today. Everything is moving at lightning speed. Cyber threats are evolving daily, compliance regulations are getting stricter, and customers expect their data to be secure at all times. Relying on old-school tools and manual reviews just doesn't keep up. It's slow, clunky, and leaves your organisation exposed to unnecessary risks.

What's worse is the strain it puts on your team. IT teams are already stretched thin, juggling infrastructure, digital transformation projects, and daily troubleshooting. Adding manual security checks and fragmented tools into the mix is a recipe for burnout. Plus, when everything's reactive, you're always playing catch-up. By the time you've spotted a problem, the damage could already be done.

So yeah, traditional ERP security? It's not just outdated—it's a liability. The good news is, there's a better way to handle it. By embracing modern, proactive, and automated solutions, you can take control, stay ahead of risks, and let your team focus on driving the business forward instead of putting out fires.

Summary of Why Is This Era Different?

1. Your ERP System Is Bigger Than Ever

- ERPs aren't just for tracking accounting or procurement anymore. These days, they're the command centers for your entire business.
- They're connected to everything, from HR systems like SAP SuccessFactors to procurement platforms like Ariba, creating an intricate web of dependencies.

2. Threats Are Smarter and Faster

- Cybercriminals love ERP systems—they're packed with sensitive data that's worth its weight in gold.
- Ransomware attacks, insider misuse, privilege abuse... threats are evolving daily. Staying ahead feels like a full-time job.

3. Compliance Isn't Optional

- GDPR, SOX, ISO/IEC 27001—they're not just acronyms to memorise. They're frameworks that demand top-notch governance.
- Failing to meet these standards doesn't just mean fines; it risks your company's reputation and your customers' trust.

4. Time and Resources Are Limited

- IT teams already have their plates full with infrastructure updates and digital transformation projects.
- Manually reviewing access, resolving SoD conflicts, and prepping for audits? It's exhausting and often pushed to the back burner.

What Makes ERP Security So Tricky?

ERP systems are powerful, but with great power comes... well, you know the rest. Here's what keeps ERP managers up at night:

1. Who Has Access to What?

- Having visibility and managing permissions across thousands of users and dozens of systems is like trying to keep track of a room full of toddlers.
- Over-permissioning (giving users more access than they need) can leave the door wide open for security risks.

2. The SoD Struggle

- Segregation of Duties (SoD) policies are like checks and balances—they make sure no one person can control too much. For example, the same person shouldn't be able to create and approve a payment.
- But spotting and fixing these conflicts manually? It's like finding a needle in a haystack.

3. Privileged Accounts Without Oversight

- Admin accounts are like VIP passes—they give full access. But without proper monitoring, these can become your biggest risk.
- Imagine someone leaving their VIP pass lying around at a concert... not great, right?

4. Compliance Feels Like a Full-Time Job

- Regulations like GDPR, SOX, and PCI DSS are non-negotiable, but proving compliance can take weeks of manual work.
- Auditors want to see proof, and without streamlined reporting, getting there can feel like climbing a mountain.

5. Disconnected Systems

- Your ERP doesn't work alone—it's connected to other systems like Ariba, SuccessFactors, third-party and especially in-house built applications. But if these systems don't play nice together, you're left with gaps in visibility and control.

Fálaina: Your Partner in Simplicity

At Fálaina, we believe ERP security doesn't have to be rocket science. We've built a solution that's smart, simple, and designed to make your life easier.

1. Identity Governance and Administration (IGA)

- Automates user access from start to finish—onboarding, off-boarding, and everything in between.
- Keeps access clean and consistent with regular, automated reviews.
- Centralised role management lets you define and organise user roles without needing an IT wizard.

2. Privileged Access Management (PAM)

- Centralises control of high-risk accounts (like admin users) to ensure they're only used responsibly.
- Tracks and records every action taken during privileged sessions for complete transparency.
- Sends real-time alerts for any suspicious activity, so you can act fast.

3. Integrated Governance, Risk, and Compliance (GRC)

- Built-in SoD monitoring highlights and fixes conflicts before they become a problem.
- Automated compliance reporting means you'll be ready for your next audit in no time.
- Dashboards give you a full view of your security and compliance landscape—no guessing required.



Case Study #1: Large Energy Company

Streamlining Access and Security

The Challenge: With over 15,000 employees and multiple ERP systems, the company struggled with inefficient onboarding, unmanaged admin accounts, and compliance headaches.

How Fálaina Helped: Automated access management with IGA, monitored privileged accounts with PAM, and simplified compliance reporting.

The Result:

- 50% faster onboarding for new hires.
- 30% lower compliance costs.
- Audit prep time cut in half!

How we do it at Fálaina

Below are key real world use cases how Fálaina helps organisations on ERP security:

✓ Access & Risk Analytics

A multinational corporation managing sensitive financial data across SAP and Oracle ERP systems needs a real-time view of user access and associated risks.

How Fálaina Helps:

- Current State Analytics: Provides a detailed map of "who has access to what," highlighting any excessive or misaligned permissions.
- Access Timelines: Tracks when access was granted or modified, helping organisations pinpoint anomalies.
- SoD & Sensitive Access (SA) Analysis: Identifies users with conflicting roles or access to high-risk functions, ensuring SoD compliance.
- Consolidated Dashboards: Centralises data into actionable reports, enabling IT teams to prioritise risk mitigation efforts.

✓ Access Review Management

An organisation facing annual compliance audits struggles with manual access review processes, delaying audit preparation and increasing operational overhead.

How Fálaina Helps:

- Automated Access Reviews: Enables periodic, automated reviews for user accounts, roles, SoD conflicts, and SA permissions.
- Integrated Workflow: Schedules, tracks, and executes reviews with minimal manual intervention.
- Close-Loop Remediation: Automatically flags risky access and initiates workflows to resolve issues, ensuring a clean audit trail.
- Certification Compliance: Ensures certifications are audit-ready and align with regulatory standards such as GDPR and SOX.

✓ Role Management

A healthcare organisation using multiple ERP systems struggles with fragmented role definitions and lacks visibility into role hierarchies.

How Fálaina Helps:

- Centralised Role Visibility: Provides a single platform to view, manage, and update roles across SAP, Oracle, and other ERPs.
- Business-Friendly Cataloging: Translates technical roles into business terms for easier understanding by non-technical stakeholders.
- Role Automation: Automates the creation, cataloging, and updating of roles to maintain consistency and compliance.
- Integrated Change Management: Incorporates workflows to ensure role changes are approved and tracked, reducing the risk of role misuse.

✓ Access Provisioning and De-Provisioning

A global retail company struggles with onboarding delays, leaving new employees waiting for access to critical systems. Similarly, former employees retain access long after leaving.

How Fálaina Helps:

- Automated Lifecycle Management - On-boarding: Grants access based on predefined birthrights (role-based provisioning).
- Automated Lifecycle Management - Off-boarding: Swiftly removes access for terminated employees, eliminating security risks.
- Request-Based Approvals: Simplifies ad-hoc access requests with dynamic workflows, reducing bottlenecks.
- SoD Enforcement: Ensures that all provisioning processes include built-in SoD checks, preventing conflicts before they arise.

✓ Emergency and Privileged Access Management (PAM)

A financial services provider needs to monitor and control privileged accounts like SAP Firefighter IDs, which are often used during emergencies.

How Fálaina Helps:

- Privileged Account Oversight: Centralises management of all critical accounts, ensuring proper controls and visibility.
- Session Recording and Monitoring: Tracks all actions performed during privileged sessions with video recording, keystroke logging, and remote monitoring.
- Real-Time Alerts: Flags suspicious activities or unusual behaviours in privileged sessions, enabling immediate intervention.
- Audit-Ready Logs: Maintains detailed records of privileged activities, simplifying compliance reporting and accountability.

Case Study #2: Technology Service Provider

Tackling SoD Conflicts and Compliance

The Challenge: SoD violations and a fragmented role management process were slowing down the organisation's operations.

How Fálaina Helped: Centralised role management and automated SoD monitoring ensured every user had the right access—and nothing more.

The Result:

- 70% fewer SoD violations.
- Compliance processes streamlined, saving hours of manual work.
- Privileged accounts secured with real-time monitoring.



Why Fálaina?

We get it — ERP security can feel overwhelming. That's why we've built a solution that takes the weight off your shoulders and puts you back in control.

1. Security Without the Stress

- Real-time monitoring and alerts mean you're always one step ahead of risks.
- Everything integrates seamlessly with your existing ERP ecosystem.

2. Automation That Saves Time

- Automate the busy work, like onboarding, access reviews, and compliance reporting.
- Focus your energy on driving your business forward, not fixing security gaps.

3. Compliance, Made Easy

- Built-in tools for GDPR, SOX, ISO/IEC 17001, and more ensure you're always audit-ready.
- re-built reports and audit trails make inspections painless.

4. Designed for Humans

- User-friendly dashboards and workflows mean anyone can use it—not just your IT team.
- Simple tools for complex problems? Yes, please.

Let's Build a Safer, Simpler Future Together

ERP security doesn't have to be a maze of confusion and complexity. With Fálaina, you'll have everything you need to keep your systems secure, compliant, and running like clockwork.

Ready to Simplify Your ERP Security?

- Visit www.falainacloud.com to learn more.
- Email us at sales@falainacloud.com to schedule a demo or talk to our team.

Let's turn ERP security into your business's strongest advantage



About Fálaina

Fálaina is at the forefront of cybersecurity innovation, delivering Converged Identity and Access Management (IAM) solutions that empower organisations to protect and optimise their digital ecosystems with unparalleled precision, scalability, and efficiency. Purpose-built to tackle the complexities of modern cybersecurity, Fálaina's unified platform integrates powerful capabilities, including Identity Governance and Administration (IGA), Privileged Access Management (PAM), Data Access Governance (DAG), Access Management (AM), and Zero Trust Architecture.

With Fálaina, identity security becomes the foundation of progress, helping businesses navigate the future with confidence, resilience, and agility.

