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# Intelligent Automation and Compliance for Security and Controls Leveraging SAP GRC

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**Zohra Ibrahimi**, Partner, ENZO IT Solutions

Las Vegas

2024

**SAP**insider



## In This Session

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You will learn from industry experts on their extensive experience from both areas:  
implementing a successful digital transformation and maintaining regulatory compliance with SAP GRC.

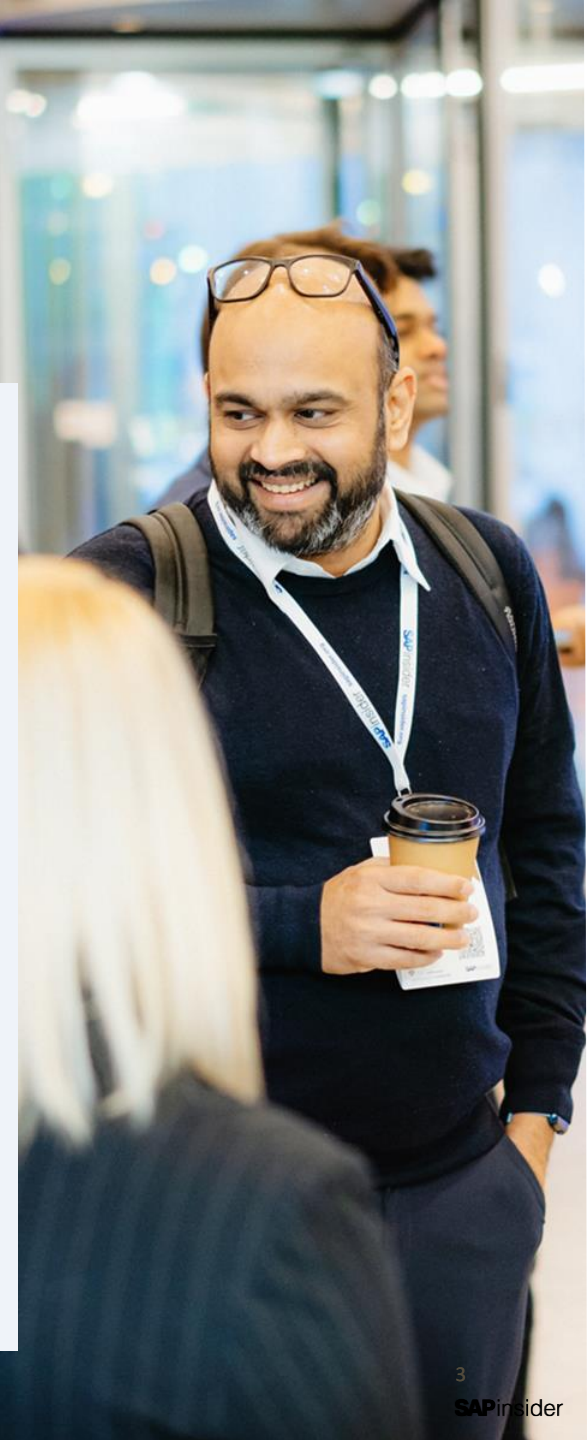
### **How AI is reshaping the future of SAP GRC.**

This experience comes from their professional careers during which they have been deeply involved with auditing IT systems in general (SAP systems in particular) and with the implementation of SAP ERP systems and the SAP solutions for GRC.

# What We'll Cover

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- Introductions
- About Us
- Industries We Serve
- Solution Offerings
- How AI is Reshaping the Future of SAP GRC?
- Utilizing SAP GRC access control and process control while maintaining regulation compliance
- ENZO's Automated BOT
- Wrap-up & Questions
- How To Contact Us



# Introduction – Naeem Khan

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Naeem has over 15 years experience as an information technology professional with hands-on SAP experience overseeing the digital transformation projects and end-to-end SAP implementation for 12 global companies. He has successfully supported various SAP clients in different industries, with the most recent in Manufacturing and Retail. Naeem is a Certified Information Systems Auditor (CISA) and Certified Information Security Manager (CISM).

Today, Naeem is a Partner at ENZO IT Solutions.

Previous roles include Global SAP and IAM Manager at McCormick & Company, Senior SAP Compliance Executive at American Water, Senior SAP Compliance Implementation Manager at The Walt Disney Company, Senior SAP and Compliance Manager at Computer Sciences Corporation (CSC), Global Senior Manager of SAP at 3M, and Senior SAP Compliance Manager at GATX.



# Introduction – Zohra Ibrahimi

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Zohra has over 13 years of direct experience in the design, operation, management, and auditing of information technology systems, with the past 5 years focused on information systems security where she led the global information security division in a highly regulated environment (FDA, CCPA, GDPR, and SOX). Zohra brings a unique perspective as she served in roles as an external auditor, internal auditor, and most recently, in an industry role as a Director of IT GRC at a fortune 500 company. Zohra has a proven track record in developing, implementing, enhancing, and maintaining information security operations and resiliency while enabling business objectives. Zohra is a Certified Information Systems Auditor (CISA) and Certified Information Security Manager (CISM).

Today, Zohra is a Partner at ENZO IT Solutions.

Previous roles include Director of IT Governance, Risk, and Compliance at McCormick & Company, Experienced Manager of IT Risk Advisory at Grant Thornton, and Senior IT Risk Assurance at EY (Ernst & Young).

[www.enzoitsolutions.com](http://www.enzoitsolutions.com)



## About Us

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ENZO IT Solutions, "ENZO", is a leading organization of security, audit, and advisory experts. We are dedicated to empowering businesses to achieve their full potential. With a team of seasoned professionals and a wealth of industry experience, we offer tailored consulting services to help organizations overcome challenges and seize opportunities. We provide clients a way to build, protect and maximize value through our trusted expertise. We believe business should be more personal and that the strongest results start with trust. **We are your trusted advisors.**



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# Industries We Serve

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Whether you're a small business looking to establish a roadmap or a large enterprise seeking to revamp your strategy, our firm is dedicated to unleashing your success. With over a decade of experience delivering highly successful results in highly complex environments, you can trust ENZO's certified consultants to understand and meet your needs. **Trust us to bring your vision to life and transform your business to set you apart from the competition.**

- ✓ Agriculture
- ✓ Banking & Finance
- ✓ Education
- ✓ Energy & Utilities
- ✓ Food & Beverage
- ✓ Government
- ✓ Healthcare
- ✓ Pharmaceutical
- ✓ Technology
- ✓ Retail
- ✓ Manufacturing
- ✓ Non-profit

## Solution Offerings

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By choosing to work with us, you can expect meticulous attention to detail, personalized solutions tailored to your unique needs, and a collaborative approach that keeps you involved at every stage of the engagement. **We pride ourselves on delivering projects on time, within budget, and exceeding expectations.**

→ *12*  
Years of operations

*200+*  
Happy clients

→ *09*  
Solution offerings

*150+*  
Employees



*We take pride in our ability to understand the intricate nuances of each business we work with. By combining our technical expertise with a deep understanding of our clients' industries, target audiences, and goals, we create tailored solutions that deliver tangible results. Our dedication to client success is reflected in our track record of helping businesses achieve increased brand visibility, higher conversion rates, and sustained growth.*

**Zohra Ibrahimi**

President, ENZO IT Solutions





### **SAP S/4HANA Infrastructure**

Plan, deploy, optimize, operate, and maintain a state of the art on-premises, cloud, or hybrid cloud.



### **SAP Implementation & Support**

Optimize system's performance, reduce the risk of downtime, improve security, and increase productivity.



### **Cloud Optimization & Implementation**

Modernize, deploy, and manage applications on hybrid infrastructures, freeing your teams from complexity so you can focus on staying competitive.



### **Governance, Risk, & Compliance**

Streamlining processes and improving operational effectiveness by providing insights and advisory services to tackle risk and compliance challenges.



### **Identity & Access Management**

Leveraging technology for efficiency and competitive advantage. Keep your applications and data safe in this complex and ever-changing environment.



### **Privilege Access Management**

Monitor, detect, and prevent unauthorized privileged access to critical resources while having visibility into who is using privileged accounts.



### **Security Intelligence Operations**

Design a robust SOC that helps streamline threat analysis and speed the adoption of new use cases and rules.



### **Managed Service Provider**

Remotely manage a customer's information technology (IT) infrastructure and end-user systems. Handle management services on a daily basis so customer organizations can focus on improving their services without worrying about extended system downtimes or service interruptions.



### **Consulting & Staff Augmentation**

Get the most out of your IT investments, while reducing costs and improving efficiency.



# QUICK SHOW OF HANDS



# AI in GRC

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Artificial intelligence is the science of making machines that can think like humans. **AI technology can process huge amounts of data in ways and at speeds unattainable by humans.**<sup>1</sup> The goal for AI is to be able to do things such as recognize patterns, make decisions, and judge like humans.

No longer a distant promise of science fiction, **AI has become a pivotal force in helping organizations navigate the intricate web of rules, regulations, and risks.** AI is reshaping GRC and transforming the way businesses ensure compliance, mitigate risks, and bolster governance strategies.

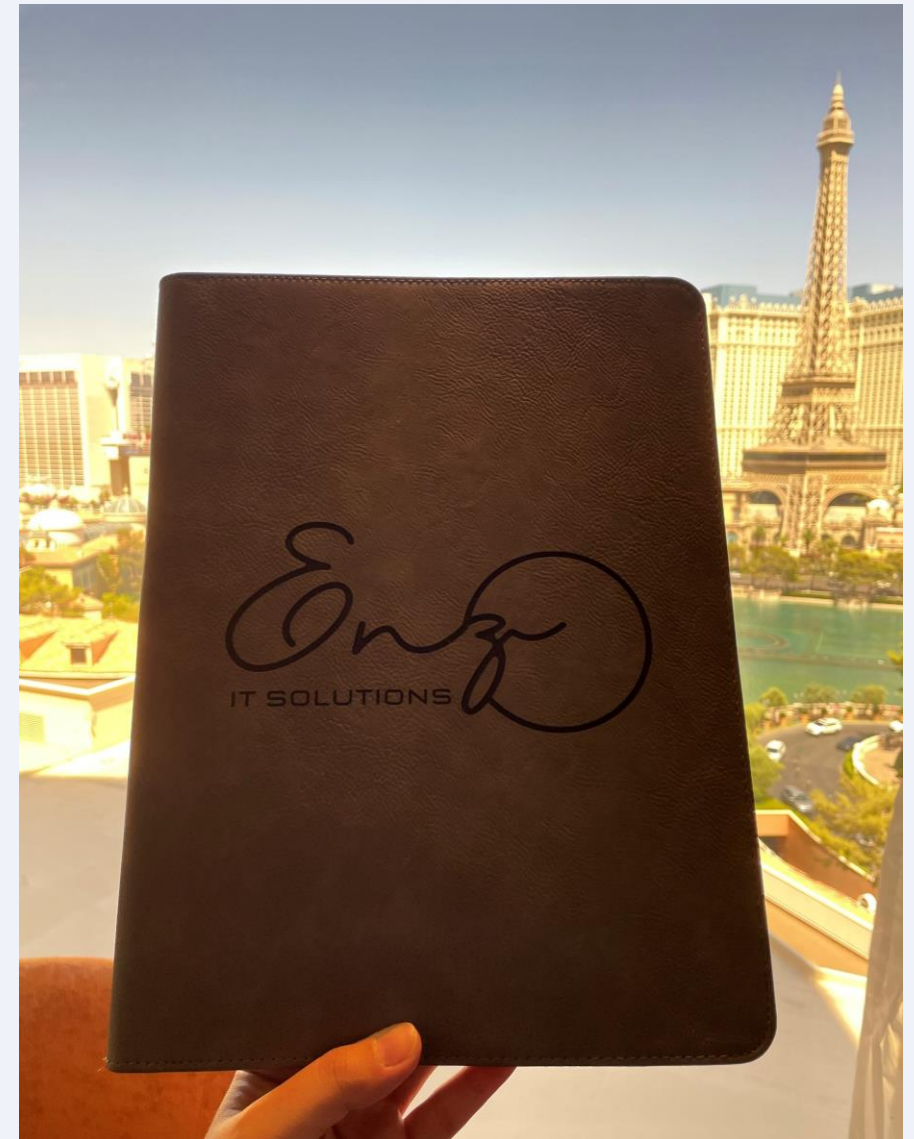
Source 1: "Artificial Intelligence, defined in simple terms", Aruna Pattam, September 16, 2021



# AI in GRC

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From automating compliance and predicting risks to bolstering governance and strengthening cybersecurity, **AI is transforming GRC from a static, rule-based framework into a dynamic, data-driven powerhouse.** As AI continues to advance, organizations that embrace these technologies are poised to achieve greater efficiency, agility, and resilience in the face of evolving regulatory landscapes and complex risks.



# How is AI Reshaping the Future of SAP GRC?

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## Advanced Risk Prediction

AI-powered algorithms can analyze vast amounts of data to identify patterns and predict potential risks before they occur. This enables organizations to take preventive measures, minimizing the impact of risks and enhancing risk management strategies.

## Real-time Monitoring and Fraud Detection

AI-driven monitoring systems continuously analyze transactional data, detecting anomalies and potential fraud in real-time. By leveraging machine learning algorithms, organizations can proactively identify fraudulent activities and take immediate action, safeguarding their assets and reputation.

## Intelligent Compliance Management

AI-powered tools can automate compliance processes, keeping up with evolving regulations and industry standards. By integrating natural language processing and machine learning, SAP GRC solutions can interpret complex regulations, generate compliance reports, and provide actionable insights to ensure adherence.

## Cognitive Insights and Decision-making

AI algorithms can analyze and interpret large volumes of data, providing cognitive insights for effective decision-making. By extracting meaningful information from structured and unstructured data sources, organizations can make data-driven decisions, mitigating risks and optimizing GRC strategies.

## Intelligent Automation

AI-powered automation enables organizations to streamline repetitive GRC tasks, reducing manual effort and improving operational efficiency. This allows GRC professionals to focus on high-value activities such as risk analysis, strategic planning, and stakeholder engagement.



*In today's rapidly evolving business landscape, organizations face numerous risks and compliance challenges. Staying ahead of these risks is essential to ensure business continuity, protect assets, and maintain trust among stakeholders. This is where Governance, Risk, and Compliance (GRC) solutions come into play, enabling organizations to effectively manage risks and ensure regulatory compliance. As the digital era progresses, the future of GRC lies in harnessing the power of Artificial Intelligence (AI) to transform SAP GRC solutions.*

**Zohra Ibrahimi**

President, ENZO IT Solutions



# Intelligent Automation and Compliance for Security and Controls Leveraging SAP GRC

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The integration of AI into SAP GRC is a transformative step for businesses, but it's accompanied by challenges that can be mitigated through effective training. SAP GRC online training emerges as a critical solution, equipping professionals with the necessary skills to navigate the complexities of AI integration, ensuring secure, compliant, and efficient GRC processes.

As your organization looks to future-proof your GRC strategies, **investing in comprehensive online training for SAP GRC becomes not just beneficial but essential for success in this AI-enhanced landscape.**



# Artificial Intelligence and Compliance for Security and Controls Leveraging SAP GRC

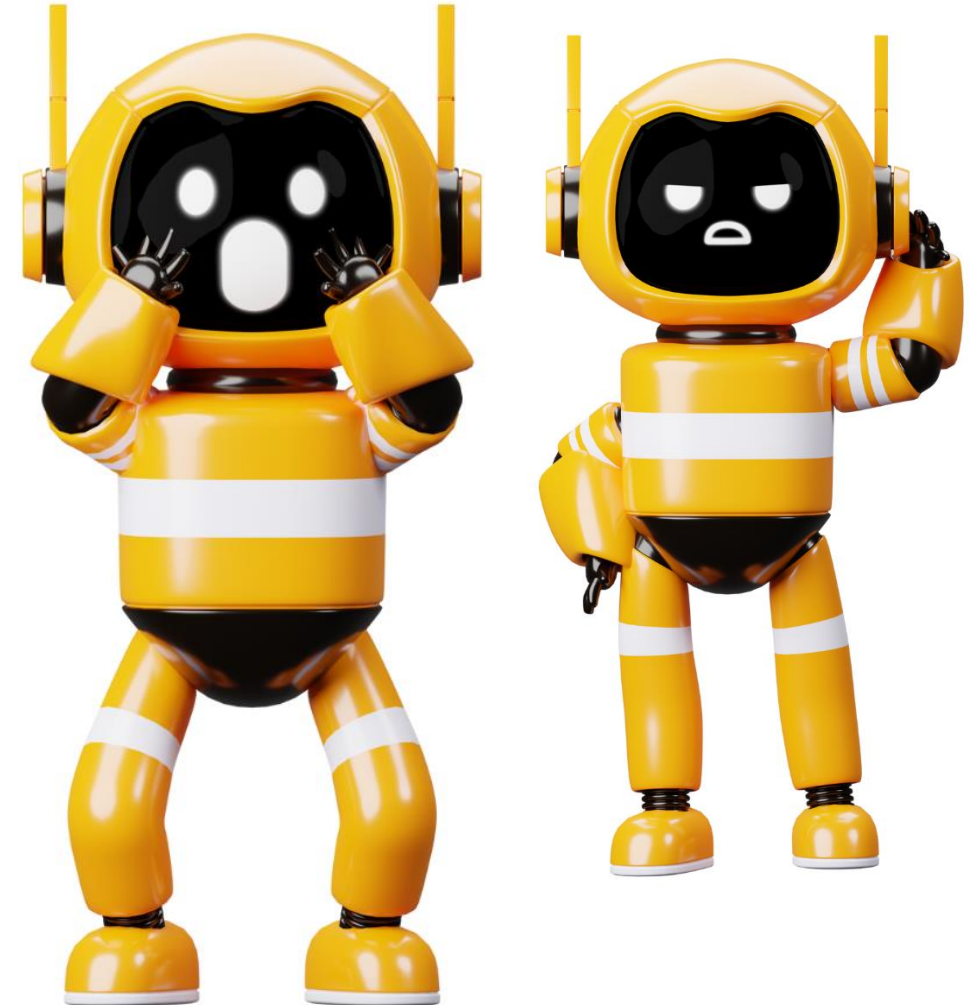
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The User Access Review (UAR) functionality is built into SAP GRC Access Control and it's great for smaller companies with only a couple of thousands of users.

**What if you need to perform this for 40,000+ people?**

Managing multiple managers and completing the activity within time is a tricky task. Periodic follow-ups and working on weekly reports is not only a time-consuming activity but also a cumbersome one.

**How can we leverage AI driven automation in SAP GRC?**



## ENZO's Automated BOT

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ENZO IT Solutions has developed an automated BOT that will send periodic reminders when a request is not closed within the specific SLA, and rules to automatically handle tasks such as escalating it to the next level manager, auto reviewing the request, updating the status, etc.

Reduce the UAR timelines from months to weeks.

AI driven automation in GRC will help you to streamline business processes and reduce costs.

**We can automate your processes with our ENZO bot!**



# Other Opportunities for Leveraging the ENZO Automated Bot?

## AI Based Intrusion of Log Filtering

AI based log analysis. Our BOT sits between various tools (SAP, Firewalls, IPS, IDS, SIEM) and through log analysis, starts filtering the logs. Ensuring the correct data is ingested into the SIEM. Automated checks of critical activities fed into the SIEM.

## Automated Access Requests

AI data-driven insights help identify any suspicious access request. Increase efficiency and confidence of the approver as the decision is based on facts. Reduced approval process time results in the end-user can start working on his/her task in less time. Easy to identify unnecessary role assignments that can reduce fraud. Involving requester in the decision-making process by providing insights while requesting for access.



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## Interested in Learning More? Schedule a Demo

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Reach out to our team to schedule a demo and learn more about our ENZO Automated Bot.





*The future of GRC lies in embracing AI as a transformative force. By integrating AI capabilities into SAP GRC solutions, organizations can unlock unprecedented levels of efficiency, accuracy, and foresight. ENZO IT Solutions, as a trusted advisor, empowers organizations to navigate this digital transformation journey, leveraging SAP GRC and cutting-edge AI technologies to achieve better risk management and regulatory compliance.*

**Naeem Khan**

President, ENZO IT Solutions



# Wrap-up & Questions



>800,000  
Your Event includes:

- Personalized Content and
- In-Person and Virtual Networking
- Member Hub to connect with your colleagues
- Unlimited access to all Sessions

Stop by the registration desk to activate your membership

# Wrap-Up

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Your organization's S/4HANA transformation is a golden opportunity to not only transform your technology, processes and data, but also to engage colleagues in a new dialogue and prepare your most important asset for a very different future of work. By doing so, you will help your business be prepared for the great changes ahead, create an organization that adapts easily, is agile and simple at its core. Most of all, you will create an organization that attracts the best people and, most importantly, one that can evolve as seamlessly as S/4HANA does.

Done right, SAP S/4HANA streamlines processes and simplifies your data model, fixes legacy issues, and establishes a single source of truth with more integrity, connectivity, visibility, and control. **Our ENZO IT Solutions SAP S/4HANA experts can help you get started in order to achieve the smoothest transformation process and maximize return on your investment.**

# Key Points to Take Home

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- The world of business-critical application security is dynamic, with new developments happening on a continuous basis.
- A tougher financial audit climate and a greater need for regulatory compliance have increased the demands and expectation of management. The implementation SAP GRC requires knowledge of both the underlying legislation and legal standards and the technical options for implementation.
- AI is Reshaping the Future of SAP GRC.
- Our ENZO automated BOT will send periodic reminders when a request is not closed within the specific SLA, and rules to automatically handle tasks such as escalating it to the next level manager, auto reviewing the request, updating the status, etc.
- By highlighting and recording changes which affect the control environment, risk exposure and control weaknesses can be reduced and the daily GRC burden removed from individuals, allowing them to focus on other value-added tasks and addressing compliance requirements.

# Where to Find More Information

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<https://www.enzoitsolutions.com>

- Details on solution offerings which include: SAP Project Planning and Implementation, IT Hardware, Network, & Security Planning, SAP S/4HANA Deployment, Enterprise Digital & Finance Transformation, S/4 HANA Implementations, Intelligent Automation, Compliance for Security and Controls, Application Managed Services, Cloud Migration, Cloud Infrastructure Managed Services, Cloud and Data Center Services, Database Services, Network Services, Infrastructure Security, Cloud Security, Configure Security Monitoring, Understand Security Requirements, Implement Security Posture, Automate Security Process and Requirements, Data Transformation, Data Mining, Data Modernization, Data Democratization, AI Assisted Data Governance, Readiness, Transformation and Monitoring, Compliance Risk Assessments, Plan Development, Compliance Testing, Compliance Audits, Metrics and Reporting, Strategy and Plans, Solution Design, Technology Configurations Implementation, Enterprise Risk Management, Strategic Risk Management, Corporate Compliance and Regulatory, Audit Support, Periodic Assessments, Remediation Testing, On-going Re-assessment and Evaluation, Strategy and Roadmap, Development, Solution Selections and RFPs, Solution Design and Implementation, Solution Optimization and Revamps, Solution Governance, Maintenance and Support, Conducting Workshops and Status Assessment, Security Intelligence Operations, and Consulting and Staff Augmentation

<https://www.linkedin.com/company/enzoitsolutions>

- Details on whitepapers, related posts, and the latest about ENZO IT Solutions

<https://sapinsider.org/vendor-showcase/enzo-it-solutions/>

- Details on whitepapers, related presentation materials, and the latest about ENZO IT Solutions

## Thank you! Any Questions?

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