Accelerating Enterprise Transformation: Running Mission-Critical SAP Workloads on Microsoft Azure Cloud

This presentation explores the transformative integration of SAP workloads with the Microsoft Azure cloud platform. We'll demonstrate how enterprises can achieve significant cost savings while maintaining 99.99% availability for mission-critical applications, leveraging Azure's extensive portfolio of certified solutions.

By: Lurduma Reddy Thirumala Reddy

The Power of Azure for SAP Workloads

Cost Reduction

Transform your IT budget with Azure's intelligent cost optimization, delivering up to 60% savings on operational expenses. Our pay-as-you-go model eliminates overprovisioning while automated resource management ensures maximum efficiency across your SAP landscape.

High Availability

Safeguard your mission-critical operations with Azure's enterprise-grade infrastructure, delivering 99.99% uptime through redundant data centers, availability zones, automated failover, and advanced disaster recovery capabilities. Our globally distributed network ensures your SAP applications remain accessible 24/7.

A Comprehensive Ecosystem for Diverse SAP Workloads

1 SAP HANA

Accelerate your analytics up to 100x faster while reducing data footprint by 98% with Azure's optimized infrastructure for SAP HANA workloads. Mainly, **M-series VMs,** which are designed specifically for memory-intensive applications like SAP HANA.

2 SAP NetWeaver

Transform your business operations by seamlessly integrating ERP, SCM, and CRM applications with Azure's certified infrastructure, ensuring 99.99% availability.

3 S/4HANA

Future-proof your enterprise with real-time analytics, AI-powered automation, and intelligent process optimization while reducing TCO by up to 40% on Azure.

Real-World Success Stories: Transforming SAP Deployments

Accelerated Time-to-Value

Organizations achieve 40% faster deployment times with Azure's pre-configured SAP solutions, reducing implementation from months to weeks while cutting project costs by up to $2M annually.

Enhanced Business Performance

Companies report 75% improvement in system performance, enabling real-time analytics processing of 100TB+ datasets and supporting 100,000+ concurrent users with sub-second response times.

Seamless Integration with Microsoft Services

Microsoft Entra ID

Strengthen security and simplify access management with single sign-on capabilities across your SAP ecosystem. Reduce IT overhead while ensuring compliance through centralized identity governance.

Power Platform

Empower your teams to build custom solutions without extensive coding. Create interactive dashboards, automate workflows, and develop mobile apps that seamlessly connect with your SAP data.

Azure Integration Services

Connect your SAP systems with over 1,000+ enterprise applications through pre-built connectors. Streamline business processes and enable real-time data synchronization while maintaining data integrity.

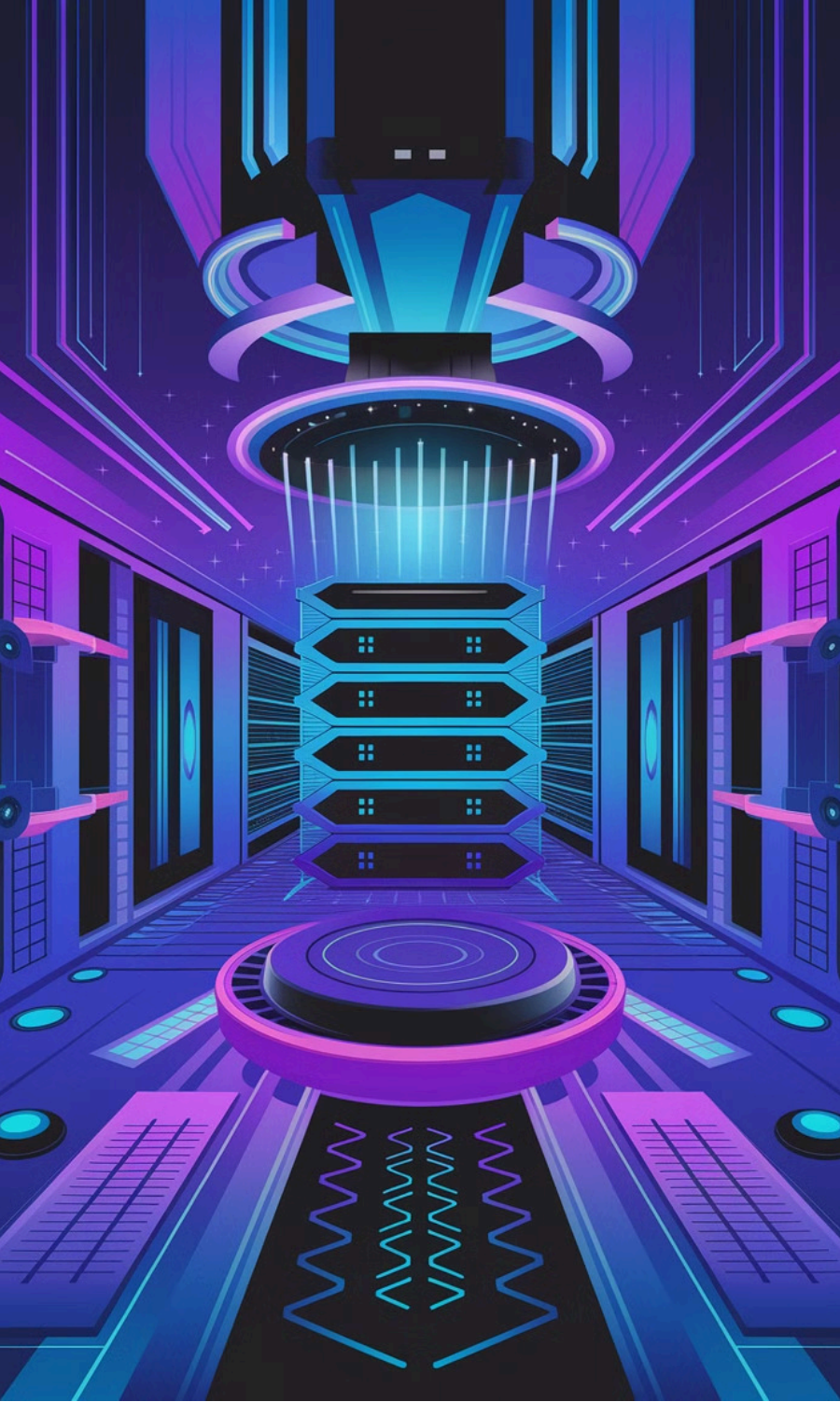# Scalability and Flexibility for Growing Businesses

1 Scale your SAP environment dynamically with Azure's elastic infrastructure, supporting growth from 50 to 50,000+ users while maintaining sub-millisecond response times and 99.99% availability.

2 Leverage Azure's consumption-based pricing to reduce infrastructure costs by up to 40%, with automated scaling that optimizes resources based on real-time demand patterns.

3 Future-proof your SAP landscape with instant access to enterprise-grade compute resources, allowing you to add new workloads or expand existing ones in minutes instead of months.

Enterprise-Grade Security and Compliance

Achieve global compliance with Azure's comprehensive certification portfolio spanning 90+ regulatory standards, including GDPR, HIPAA, and SOC 2 Type II, enabling seamless operations across international markets while maintaining strict data sovereignty.
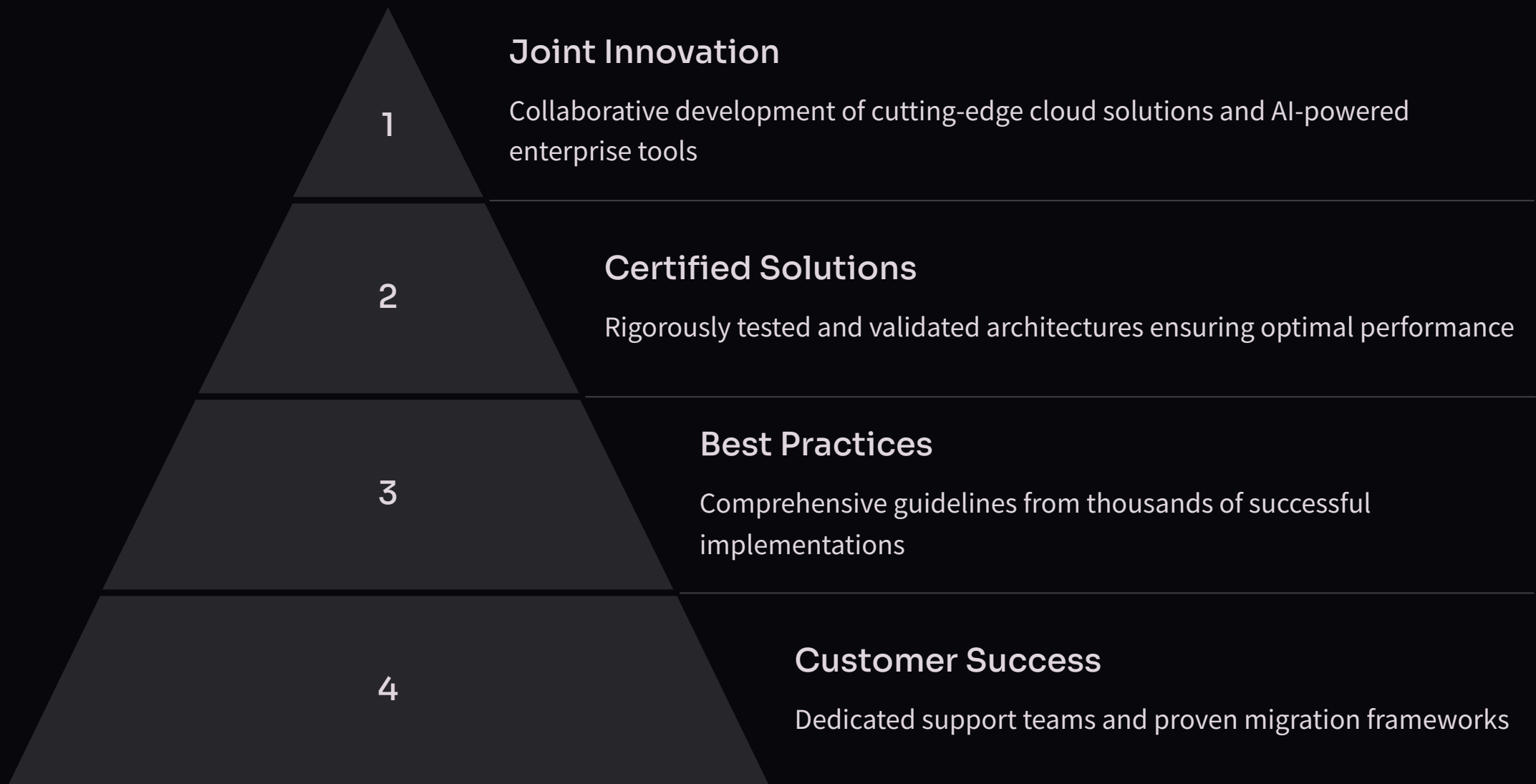
1

Protect your SAP workloads with Azure's military-grade security infrastructure, featuring 256-bit end-to-end encryption, biometric authentication systems, and real-time threat monitoring powered by AI-driven analytics.

2

Strengthen your security posture with Azure Security Center's integrated tools, including automated security assessments, continuous compliance monitoring, and advanced threat protection that blocks over 99.9% of cyber attacks before they reach your SAP systems.

3

A Proven Partnership: Microsoft and SAP

1 **Joint Innovation**

Collaborative development of cutting-edge cloud solutions and AI-powered enterprise tools

2 **Certified Solutions**

Rigorously tested and validated architectures ensuring optimal performance

3 **Best Practices**

Comprehensive guidelines from thousands of successful implementations

4 **Customer Success**

Dedicated support teams and proven migration frameworks

Our 25+ year strategic partnership with SAP combines Microsoft's cloud leadership with SAP's enterprise expertise. This collaboration has resulted in certified solutions that power over 90% of Fortune 500 companies, delivering unmatched reliability and performance for mission-critical workloads. Through continuous innovation and joint development efforts, we provide organizations with a trusted path to digital transformation while reducing implementation risks and accelerating time-to-value.

Total Cost of Ownership (TCO) Optimization

Reduced Infrastructure Costs

Cut hardware and maintenance expenses by up to 60% through Azure's pay-as-you-go model

1

Optimized Licensing Costs

Save 30-40% on software licensing with Azure Hybrid Benefit and consolidated billing

2

Lower Operational Expenses

Decrease operational costs by 35% through automated management and simplified IT workflows

3

Transform your SAP landscape economics with Azure's intelligent cost optimization solutions, delivering an average 45% reduction in TCO through automated resource scaling, simplified management, and integrated cost controls. Our customers typically achieve complete ROI within 18 months while maintaining enterprise-grade performance and reliability.

Key Takeaways: Modernizing Your SAP Landscape

60%
Cost Reduction
Achieve significant savings through optimized infrastructure and operational efficiency

99.99%
Availability
Enterprise-grade uptime with redundant systems and automatic failover
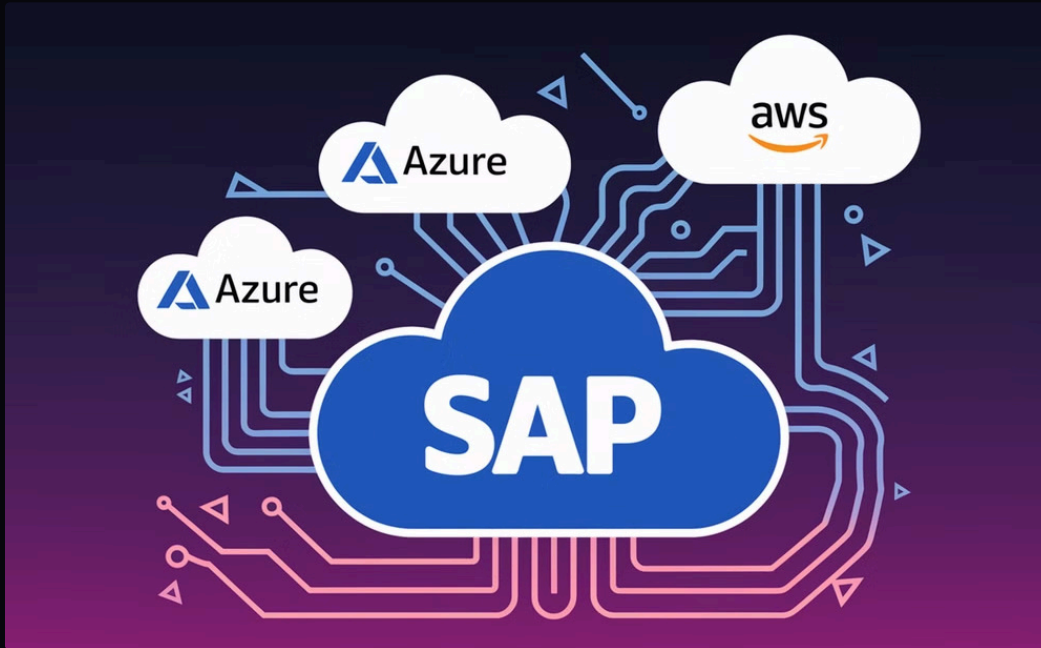
40%
Faster Deployment
Accelerate implementation with pre-configured templates and automation

75%
Performance Improvement
Enhanced system responsiveness through Azure's optimized infrastructure

Next Steps: Empowering Your Digital Transformation

Cloud Strategy

Create a tailored cloud roadmap that maximizes ROI, incorporating your existing SAP investments and future scalability needs. Align technical capabilities with specific business outcomes.

Migration Plan

Build a detailed implementation timeline with clear milestones, risk mitigation strategies, and resource allocation plans. Include testing protocols and business continuity measures throughout the transition.

Thank You