PRESIDIO®

Presidio HAI Microsoft Azure

THE CHALLENGE

Enterprises face major challenges with their legacy systems; outdated, siloed applications consume large IT budgets, complicate cloud migrations, create skills shortages, and increase security risks. Coupled with growing demands for agility, innovation, and AI integration, the need to modernize legacy applications is apparent, as well as creating new, innovative applications. However, concerns about budget, timeline, and potential risks stop enterprises from pursuing a solution.

Microsoft Azure: The Foundation

Microsoft Azure offers a secure, scalable, and globally available cloud platform with industry-leading AI services and a broad portfolio of infrastructure, databases, and developer tools. Its integrated ecosystem enables organizations to build, deploy, and manage modern, AI-enhanced applications with confidence.

THE SOLUTION

Presidio Human-Centric AI (HAI) combines AI-powered automation with human expertise to build or modernize applications that run natively on Microsoft Azure, reducing cost, timeframe, and risk compared to traditional methods. Applications built or modernized with HAI leverage Azure compute, storage, databases, and AI services—creating new workloads that directly expand Microsoft's cloud consumption and drive customer reliance on Azure's capabilities.

Presidio HAI: How It Works

1. Assessment & Planning
- For modernization projects, use AI-powered analytics combined with human validation to analyze legacy applications and infrastructure
- Identify goals, priorities, and cloud readiness and align with Azure services and compliance needs.

2. Automated Modernization & Refactoring
- Automatically write, rewrite, or refactor applications into modular, API-driven microservices architectures.
- Human experts oversee for accuracy, quality, and alignment with client requirements.

3. Cloud-Optimized Deployment
- Apps deploy on Azure with scalable options like App Service, AKS, and Functions; data migrates to Azure SQL, Cosmos DB, and Blob Storage.

4. AI-Powered Enhancement
- Integrate Microsoft AI capabilities via Azure OpenAI Service and Cognitive Services.
- Embed natural language processing, generative AI, and analytics to enrich UX and automate workflows.

5. Security, Compliance & Operationalization
- Further safeguard security-by-design apps with Azure Sentinel, Key Vault, and Policy Manager; monitor via Azure Monitor and manage with Azure Lighthouse.

6. Ongoing Optimization & Support:
- Provide managed services for continuous performance tuning, cost control, and feature upgrades using evolving Azure capabilities.

Result for Client
- Clients receive modern, secure, cloud-native Azure apps that use Microsoft AI and robust data services—driving innovation while steadily growing Azure consumption.

Commented [VS1]: Can we replace this with text box instead of image?

PRESIDIO®

Presidio HAI + Microsoft Azure

KEY BENEFITS

Accelerated Modernization – Deliver cloud-native, AI-enabled applications 2–4 times faster with Presidio HAI and Azure.

Higher Quality Applications – Presidio HAI uses AI and expert oversight to catch errors, enforce standards, and improve testing, delivering faster and more reliable applications with higher quality and security.

Data Security – HAI builds security-by-design applications to run within Microsoft's trusted, compliant environment.

Expanded Azure Use – New and expanded workloads boost Microsoft's cloud service consumption.

Innovative User Experiences– AI-powered features enhance engagement and insight.

Future-Ready Architecture – Scalable Azure infrastructure positions clients for ongoing innovation.

WHAT MAKES US DIFFERENT

Presidio is a trusted partner to our clients, securing their cloud, infrastructure, employees, customers, and assets from ever-growing challenges.

End-to-End Modernization and AI– Presidio brings unique capabilities in AI-powered application modernization with Presidio HAI, leveraging Azure's cloud, LLMs, and microservices for comprehensive, secure, and scalable solutions.

Multi-Cloud and Hybrid-Cloud Capabilities – Presidio has capabilities with the leading cloud providers and on-prem environments. AI integration must be considered in the context of the entire organization. With deep knowledge of every layer of the IT, cloud, and systems architecture, combined with proven methodologies Presidio can ensure customers are secure from end-to-end.

Microsoft Solutions Partner – Presidio is a Microsoft Solutions partner with over 400 Microsoft certified engineers supporting our clients' digital and cloud transformation initiatives – from end-user productivity to full cloud-native workload re-factoring.

Azure Innovation Funding partner – Presidio can access or nominate our customers for funding to assist with proof of concepts or pilots of Azure OpenAI and Microsoft 365 Copilot.

Microsoft Cloud Solution Provider – Presidio can assist with Microsoft 365 Copilot licensing and provide licensing, layered with support for a full spectrum of services.

WHY PRESIDIO

Presidio is a global digital services and solutions provider accelerating business transformation through secured technology modernization. Highly skilled teams of engineers and solutions architects with deep expertise across cloud, security, networking, and modern data center infrastructure help customers acquire, deploy, and operate technology that delivers impactful business outcomes. Presidio is a trusted strategic advisor with a flexible full life cycle model of professional, managed, and support and staffing services to help execute, secure, operationalize and maintain technology solutions.

Presidio's highly skilled and tenured practitioners maintain leading industry certifications, provide thought leadership and practical industry experience. We have conducted thousands of engagements across all major industry segments. We can help you optimize your business and achieve your targeted business outcomes.

Visit presidio.com/partners/microsoft/ or contact your local sales representative to learn more.