

Gen AI POC Implementation

Simform helps you prioritize the right gen AI use cases, build a PoC, and scale it to enterprise-wide implementation using Azure OpenAI, with clear evaluation criteria and architectural considerations.

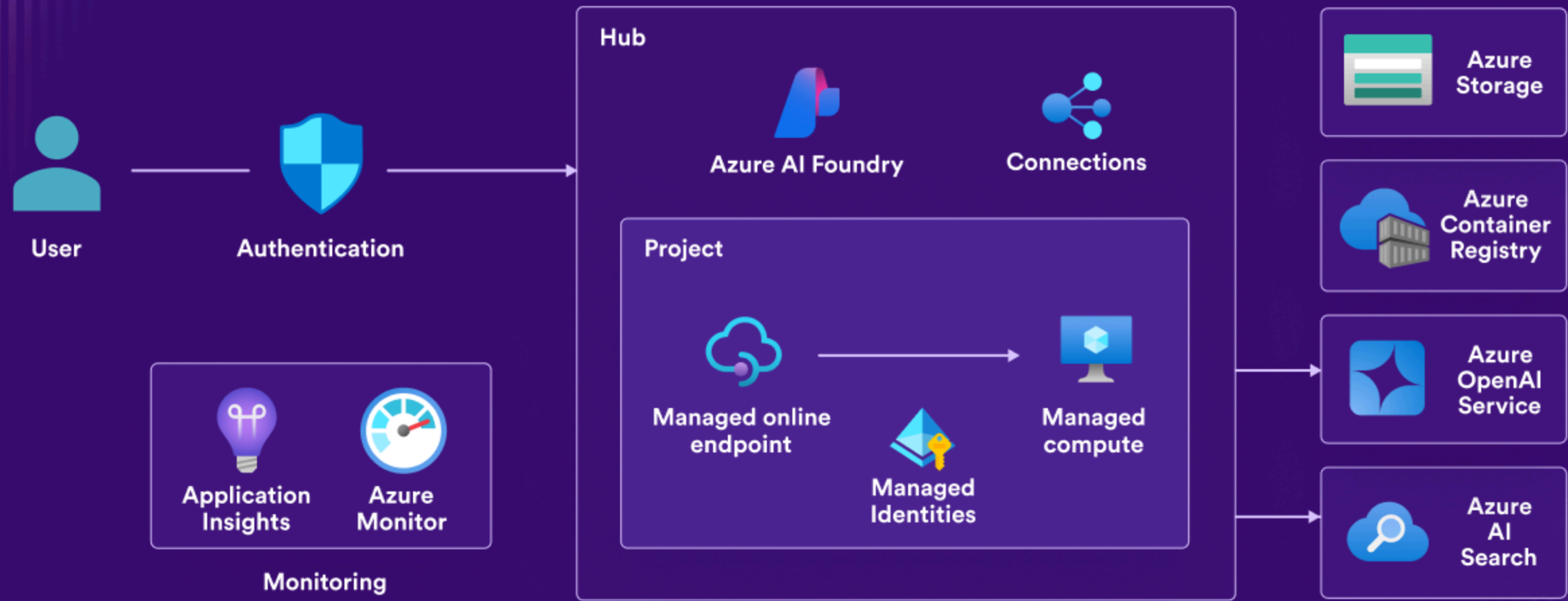
Overview summary

Organizations face uncertainty in adopting Azure OpenAI, from use case identification to model selection. At the same time, proof-of-concepts often lack enterprise-grade security and governance requirements. Simform's ML engineers and AI specialists guide organizations through structured, risk-managed implementations that validate high-impact use cases and deliver functional prototypes, ensuring both technical excellence and business value in generative AI adoption.

- 1. Azure OpenAI foundation and capabilities:** Your technical teams will gain a comprehensive understanding of Azure OpenAI models, capabilities, and enterprise features through technical demonstrations and production examples—before planning your implementation.
- 2. Use case identification and prioritization:** We collaborate with business stakeholders to identify high-value automation and intelligence opportunities across content creation, document processing, and workflow automation to prioritize areas for implementation.
- 3. Gen AI PoC development and testing:** We build a functional proof-of-concept using Azure OpenAI Service and Azure Machine Learning while handling everything from model optimization, secure API integration patterns, and custom orchestration workflows aligned to your processes.
- 4. Controlled pilot deployment:** We help you test the gen AI PoC solution within a specific department to evaluate its real-world performance, impact, and integrations. This also includes implementing improvements based on feedback.
- 5. Enterprise-wide scaling and optimization:** We design your enterprise implementation blueprint with security guardrails, monitoring thresholds, and cost frameworks, establishing automated pipelines and governance for efficient scaling.

What you get

- A fully functional gen AI PoC tailored to your specific use case, that your team can directly interact with and test in real-world scenarios.
- Azure infrastructure blueprint mapping your specific tasks to optimal tools (SQL/CosmosDB, OpenAI) with detailed component integration guidelines.
- A practical guide with key recommendations on architectural aspects and non-functional considerations to prepare your teams for scaling the prototype into a full production system



Benefits of working with Simform for Azure

Azure-certified engineers

Our team boasts 75+ Azure-certified engineers and 250+ Microsoft developers—cloud architects, developers, DevOps engineers, and more—meticulously aligned with your cloud requirements.



Quality and governance

We integrate robust governance for complex multi-account deployments, automate security and compliance processes, and apply reliability engineering to ensure your cloud deployments meet Azure and industry standards.



Recognized Azure expertise

Simform excels in Generative AI on Azure, Azure migration and modernization, data science and ML, analytics, and Azure managed services. We help identify and implement the right Azure services to address complex business challenges.



Future-proof methodologies

Our focus on Cloud-native/MACH architectures and cutting-edge Gen AI and ML ensures your solutions are always ahead of the curve. We adhere to well-architected frameworks, implement IaC best practices, and use tailored SRE practices.



End-to-end Azure services

We handle every stage of your Azure transformation, from executing migrations and designing cloud architecture to setting up landing zones, implementing strategic FinOps, and establishing automated governance systems.

Simform and Azure – Empowering digital transformation with cutting-edge AI/ML

Simform specializes in Cloud/MACH architectures, DevOps, data, and AI using Azure technologies. From SaaS development to advanced AI integrations, our Azure services align with Microsoft’s well-architected framework to deliver highly performant, efficient, and secure cloud solutions.

Digital Product Engineering

- Cloud native and MACH development
- Serverless API development
- Application modernization
- Advanced DevOps transformation
- API management and integrations
- PaaS integrations
- Low-code development with Power Platform

Data & AI/ML Engineering

- Data engineering and analytics
- Data platform modernization
- GenAI using Azure AI Studio
- Data science and ML
- Azure AI services PaaS

Infrastructure Engineering

- Migration assessment and implementation
- Well architected reviews
- Kubernetes and containerization
- Infrastructure as a Code
- Unified observability
- Cloud governance and FinOps
- Hybrid cloud and VDI migration

Security and Compliance Engineering

- Security posture improvement
- DevSecOps
- Compliance management
- Vulnerability assessment and penetration testing

75+

Azure-certified engineers

250+

Microsoft developers

50+

Projects delivered