



AI Enterprise Architecture.

Scalable AI architectures for
enterprise-grade transformation.

Service Brief | Architecture & Integration

The future of enterprise is architectural

McKinsey reports that organizations with a **structured AI architecture realize value 2.5x faster** from AI investments. Yet only 18% of enterprises have a documented AI architecture. The difference between successful AI transformation and expensive experiments isn't technology or talent — it's architecture.

2.5x

Faster ROI

Organizations with AI architecture vs. ad-hoc (McKinsey 2024)

73%

Fail Without Architecture

Of enterprise AI projects without architecture plan (Gartner)

18%

Have AI Architecture

Of enterprises with documented AI architecture plan

4.2x

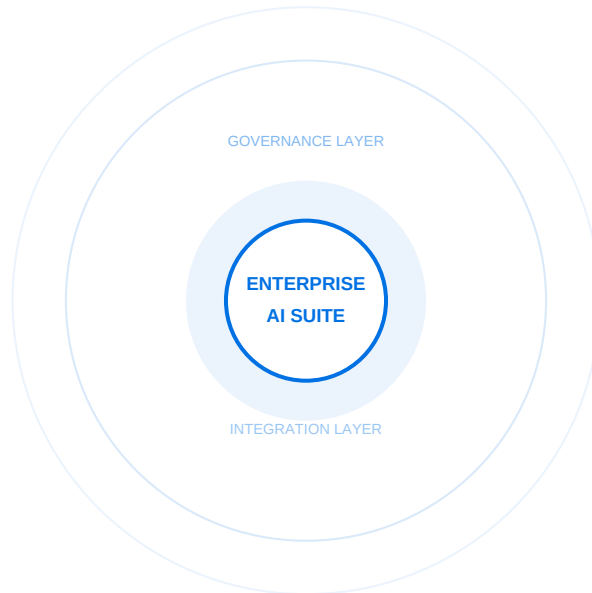
Higher Adoption

Structured rollout vs. organic AI adoption (Forrester)

"You're not just implementing AI; you're designing the architecture for the next phase of your organization."

The Enterprise AI Architecture Suite

Five integrated architecture layers forming a scalable AI foundation.



- **Reference Architecture**

Blueprint for enterprise AI: data pipelines, model serving, monitoring and governance in one coherent framework.

- **Integration Patterns**

Proven patterns for integrating AI into existing enterprise systems: ERP, CRM, legacy and cloud-native.

- **Scalability Design**

Architecture principles guaranteeing your AI solutions scale from proof-of-concept to enterprise-wide.

- **Security Architecture**

Zero-trust AI architecture with data sovereignty, model security and compliance-by-design.

- **Monitoring & Observability**

End-to-end monitoring of AI performance, drift detection and automated alerting.

Cross-cutting: Governance and Integration are woven into all five layers for maximum coherence and compliance.

From fragmentation to coherent AI architecture

Why 73% of enterprise AI projects fail — and how architectural thinking prevents this.

1 Enterprise AI Blueprint

W69 designs a complete architecture blueprint translating your AI ambition into concrete technical layers: data, compute, model serving, API gateway and frontend integration. No more isolated experiments, but a coherent system delivering compound value.

2 Legacy Integration Strategy

90% of enterprises run on legacy systems. W69 designs integration architectures connecting AI seamlessly with SAP, Oracle, Salesforce and custom systems — without disrupting existing processes.

3 Cloud-Native AI Patterns

Multi-cloud and hybrid architectures preventing vendor lock-in. Kubernetes-native AI workloads, serverless inference and event-driven architectures optimizing costs and maximizing performance.

From proof-of-concept to enterprise scale

How your AI solutions reliably scale to thousands of users and millions of transactions.

1 Auto-Scaling Architecture

Elastic architecture that automatically scales based on demand. From 10 to 10,000 users without manual intervention. GPU optimization, caching layers and load balancing controlling costs.

2 MLOps Pipeline Design

Automated pipelines for model training, validation, deployment and monitoring. CI/CD for AI models providing the same reliability as your software delivery pipelines.

3 Performance Engineering

Sub-100ms latency for real-time AI inference. Edge deployment for latency-sensitive use cases. Batch processing architectures for data-intensive workloads. Every millisecond counts.

From static systems to autonomous AI architecture

Traditional architecture is static. **Agentic Architecture** evolves. W69 designs self-learning architectures that autonomously allocate resources, optimize performance and resolve bottlenecks — 24/7, without human intervention for operational decisions.

1 Self-Healing Systems

AI agents detecting and resolving architecture issues before they impact. Automated failover, resource rebalancing and proactive scaling.

2 Intelligent Routing

Dynamic request routing based on model performance, cost efficiency and SLA requirements. Every inference call goes to the optimal endpoint.

3 Human-in-the-Loop

Architecture decisions above a certain impact threshold escalate to your team. Operational optimizations run autonomously.

4 Continuous Evolution

The architecture learns from production data and evolves with your needs. Automated capacity planning and technology refresh cycles.

Your Architecture Readiness Score

Where does your AI architecture stand on the spectrum from ad-hoc to enterprise-grade? The AI Scan™ gives you the answer in 5 minutes.

Exploration

10 – 20

AI runs in silos. No shared architecture. Manual deployments. Typical signals: Jupyter notebooks in production, no monitoring, no governance.

Integration

20 – 35

First MLOps tooling. Shared data pipelines. CI/CD for models started. The organization is ready for enterprise-scale architecture.

Strategic AI

35 – 50

Fully integrated AI architecture. Self-healing, auto-scaling, governance-by-design. AI is a reliable enterprise system.

Start your AI Scan™

Discover the architectural maturity of your AI landscape in 5 minutes.

w69.ai/en.html#scan

W69 PROOF™



✓ Enterprise-Grade

✓ GDPR Compliant

✓ NDA-Protected

Every system W69 delivers carries the W69 Proof™ seal — your guarantee for architecture, scalability and measurable results.

What you receive:

Strategic Assessment · Architecture Roadmap · Implementation Plan

■ We respond within 24 hours

“We don't build for today's AI experiment, but for tomorrow's enterprise architecture. Your organization deserves a foundation that grows with you.”

NEXT STEPS

Ready to get started?



Scan for AI Scan™

1

Scan the QR code

Or go to w69.ai/en.html#scan

2

Complete the AI Scan™

5 minutes, no registration required

3

Receive your AI Readiness Report

Including personalized recommendations

4

Strategic conversation

We discuss your results and opportunities

5

Implementation roadmap

Concrete steps toward enterprise AI



W69 AI Consultancy

Enterprise AI Architecture & Strategy

AI Enterprise Architecture

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