

Minsky™ AI Factory is an integrated enterprise AI platform that transforms software delivery into a fully automated, auditable, and intelligent system. It combines three powerful platforms—**Minsky™ CodeGen**, **Minsky™ CodeAudit**, and **Minsky™ CodeTest**—to enable end-to-end software lifecycle automation.

Minsky™ CodeGen

(AI-Powered Full Stack Software Development)

- Full-stack code generation from idea to production-ready applications
- Automated test case generation and optimization
- Integration with CI/CD, Docker, Kubernetes, and version control
- Accelerates development cycles and reduces costs

Minsky™ CodeTest

(Autonomous Code Testing/Validation Platform)

- AI-driven system-level validation beyond UI testing
- Validates APIs, business logic, and database interactions
- Generates intelligent test scenarios including edge cases
- Ensures scalability, reliability, and security

Minsky™ CodeAudit

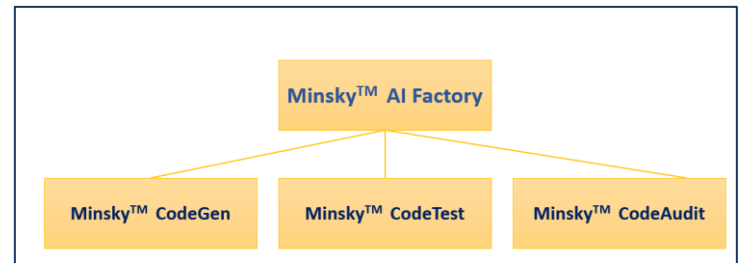
(AI-Driven Legacy Code Migration/Governance Platform)

- Generates documentation from Legacy Code
- Validates code against technical scope and requirements
- Detects vulnerabilities (OWASP, CVEs) and misconfigurations
- Generates remediation plans, auto-fixes code
- Produces compliance-ready artifacts including SBOM and traceability

Integrated Workflow

- Minsky CodeGen creates full-stack applications

- Minsky CodeAudit ensures compliance, quality, and security
- Minsky CodeTest validates system behavior and performance
- Continuous feedback loop improves outputs across all stages



Key Benefits

- 10x Faster software delivery lifecycle
- Reduced development and QA costs
- Enterprise-grade security and compliance
- Full traceability from requirements to deployment
- Scalable for multi-tenant and complex architectures

Use Cases

- Enterprise application development and modernization
- Regulatory and compliance-driven industries
- Large-scale SaaS platforms
- AI-driven digital transformation initiatives

Why Minsky AI Factory

Minsky AI Factory unifies development, auditing, and testing into a single AI-native platform, eliminating silos and manual handoffs. This integrated approach enables faster, higher-quality software delivery while ensuring continuous compliance and alignment with business requirements.

It delivers major efficiency gains—cutting development time by up to 90%, reducing QA and testing costs by up to 80%, and lowering overall project costs by up to 60%—allowing organizations to bring products to market significantly faster with minimal rework.