VELO by GAPVelocity AI

Agentic AI for Code Modernization

Powered by Microsoft Foundry

Microsoft Solutions Partner
Digital & App Innovation
Azure

100%	90-95%	40-50%
Business Logic Preserved	Automated Conversion	Faster Delivery

THE CHALLENGE

Legacy applications present critical business risks: obsolete technology, shrinking talent pools, and cybersecurity vulnerabilities incompatible with modern compliance requirements. Modernization is essential for operational continuity and scalability.

THE SOLUTION

VELO deploys specialized AI agents across the full development lifecycle, powered by GAP's proprietary AI Migrator, a deterministic engine built over 35 years. The result: production-ready modern code with zero hallucinations.

Deterministic Accuracy

100% business logic preserved with compiler-grade precision. No AI hallucinations or guesswork.

Full Lifecycle Automation

Specialized agents handle analysis, conversion, QA, and delivery from legacy to production.

Production-Ready Output

Clean, maintainable C#/.NET code following current best practices your team can own.

Migration Methodology

01	02	03	04	05
VELO Analysis	**Deterministic Mapping**	**Code Generation**	**QA Validation**	**Delivery**
Examine forms, data, dependencies	Legacy to C#/.NET compiler precision	Entity Framework, best practices	Functional parity verification	Docs & knowledge transfer

VELO Agentic AI

Built on Microsoft Foundry, VELO deploys purpose-built AI agents for each phase: analysis agents map your entire application, conversion agents generate clean code, and QA agents verify functional parity. 90-95% automated conversion.

Legacy Code AI Migrator

GAP's flagship deterministic engine, built and patented over 35 years. Maps legacy controls to modern C#/.NET components at semantic level with compiler-grade precision. 100% business logic preserved, guaranteed.

Why GAPVelocity AI?

- 35+ years of migration expertise with thousands of successful enterprise transformations
- Microsoft Solutions Partner delivering enterprise-grade .NET modernization
- Compliance-ready output meeting security standards for regulated industries

Ready to modernize? Contact us for a proof-of-concept on your codebase.