



Fast, predictable, secure AI modernization

Your legacy applications. Modernized. Uncompromised.

01 ASSESS

02 TRANSFORM

03 SPECIALIZE

04 DELIVER

What we'll cover

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The value of your legacy assets

02

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About GAPVelocity AI

Your legacy systems are intellectual capital

Legacy applications are valuable assets even when the balance sheet doesn't show it. The core truth is simple: they work. Modernization keeps that value and removes the platform friction.



Embedded investment

Years of intellectual capital are encoded in these systems — logic you've already paid to build.



Competitive advantage

Highly specific business rules and differentiators make them hard for competitors to imitate.



The objective

Retain the immense value of the application while removing the friction of the underlying platform.

Why doing nothing is no longer an option

An aging platform eventually cripples agility, inflates operating costs and erodes your competitive edge. Four forces drive the need to act:



Talent scarcity

Few engineers left in the market can maintain outdated languages and platforms.



Vendor dependence

Lock-in with legacy vendors restricts growth and limits your options.



Speed & compliance

Long time-to-market for new features collides with escalating regulatory demands.



Integration roadblocks

Poor interoperability with modern enterprise architectures and cloud services.

Four paths — only one recovers your value at minimum risk



Re-use

Wrap the app in modern tech.

Skin-deep only; adds complexity.



Replace

Adopt off-the-shelf packages.

You lose your competitive edge.



Rewrite

Rebuild manually from scratch.

Highest cost, time and risk.



Transform

Automated source-code transformation.

Full value recovered at minimum cost, time & risk.

A four-step path from legacy to cloud-native

1

Assess

ByteInsight

Privacy-safe code inventory, sizing
and fixed-cost scoping.

2

Transform

VELO

Agentic AI converts legacy logic to
modern.

3

Specialize

AI Squad

Human-led last mile to production.

4

Deliver

Production Ready

Ready to fully use.

ByteInsight: you can't manage what you can't measure

ByteInsight is GAPVelocity AI's free static code-analysis tool that builds a complete inventory of your source code before a single line is migrated.



Deep discovery

Scans root folders to map structural dependencies and logic flows — a precise inventory of every file and technology.



Privacy-safe

Extracts metadata only. No source code ever leaves your secure environment.



Data-driven planning

Analyzes effective lines of code (ELOC) and complexity for accurate sizing, timelines and fixed-cost scoping.

VELO: the speed of AI with the quality of engineering

General-purpose AI assistants hit a wall on legacy systems — they lack persistent context for multi-million-line codebases. **VELO**, our agentic platform on Microsoft Foundry, runs a multi-agent system built for modernization:



Scout Agent

Analyzes dependencies, data flows and complexity metrics.



Architect Agent

Proposes the optimal modern architecture — Blazor, EF Core, Azure.



Translation Agent

Converts legacy logic to modern
90–95% automation coverage.



Quality Agent

Validates output, verifies compilation and generates automated tests.

Functional equivalence, without hallucinations

A foundational tenet: every action on the application logic preserves its core functionality, assuring correct recovery of the business rules.



Separation of concerns

Platform changes (language, OS) are isolated from functionality enhancements during the initial migration.



Zero-hallucination core

Deterministic, grammar-based reasoning avoids the long debugging cycles of generic AI tools.



Comprehensive validation

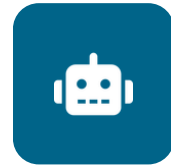
Automated unit and system test suites constantly compare expected vs. actual results for obsessive parity.

VB6 AI Migrator: native .NET code, zero runtimes

90–95%

automated conversion

up to 99% on suitable codebases



Unmatched automation

90–95% (up to 99%) of legacy VB6 converted into clean, idiomatic .NET automatically.



No vendor lock-in

Generates 100% native code — free of proprietary runtimes or black-box frameworks.



Complete translation

Handles variable type resolution, error-handling modernization and UI conversion to responsive components.

Crossing the finish line to cloud-native

Once functional equivalence is reached, human engineering drives the critical last mile to production.



Modular rollout

GAP engineers build integration scaffolding so new modules communicate seamlessly with remaining legacy components.



Unified platform

Everything lands on Azure and .NET 10 LTS, making SOA and cross-system integration vastly simpler.



Rapid ROI

Matching functionality means no user retraining — apps go live fast, unlocking cloud benefits immediately.

Your trusted modernization partner

The dedicated AI-powered application modernization business unit of Growth Acceleration Partners (GAP).

30+

Years of expertise

Migrating billions of lines of code for Global 2000 organizations.

600+

GAP engineers

Behind every engagement, from licensing to managed delivery.

Azure

Microsoft Solutions Partner

Digital & App Innovation — apps natively leverage the Microsoft stack.

■ BEGIN YOUR MODERNIZATION JOURNEY

Stop managing legacy risk. Start powering growth.

You can't deal with what you have until you know what you have. Discover exactly what it takes to move your legacy systems to a secure, modern architecture.



Request a ByteInsight assessment

Run a privacy-safe scan of your legacy application.



Schedule a consultation

Book a free codebase analysis call with our migration engineers.



Explore the platform

Learn more about VELO and the VB6 AI Migrator.



Legacy applications, modernized without compromise



Book a free codebase analysis call with our migration engineers to map your path to production.