



The ROI of PowerBuilder modernization

Turning a legacy liability into a cloud-native asset

The business case for migrating PowerBuilder to modern .NET, Blazor and Azure

A powerful platform, now a growing liability

PowerBuilder built a generation of mission-critical, client-server business applications. But the platform that once accelerated delivery now compounds risk every year it stays in production.



Shrinking talent

The PowerBuilder developer pool is aging and scarce — expertise is increasingly expensive and hard to replace.



Client-server lock-in

Desktop, client-server architecture can't meet modern demands for web, mobile and cloud-native delivery.



Rising risk

Aging runtimes and dependencies widen your security exposure and mounting support costs.

Not all modernization strategies carry the same risk

Replace (COTS)

Buy off-the-shelf software.

- + Engineered, ready to deploy
- Lose custom competitive logic
- Vendor lock-in & per-seat costs

Rewrite

Rebuild from scratch.

- + Clean slate
- Up to 70% failure rate
- Discards proven IP; years & millions

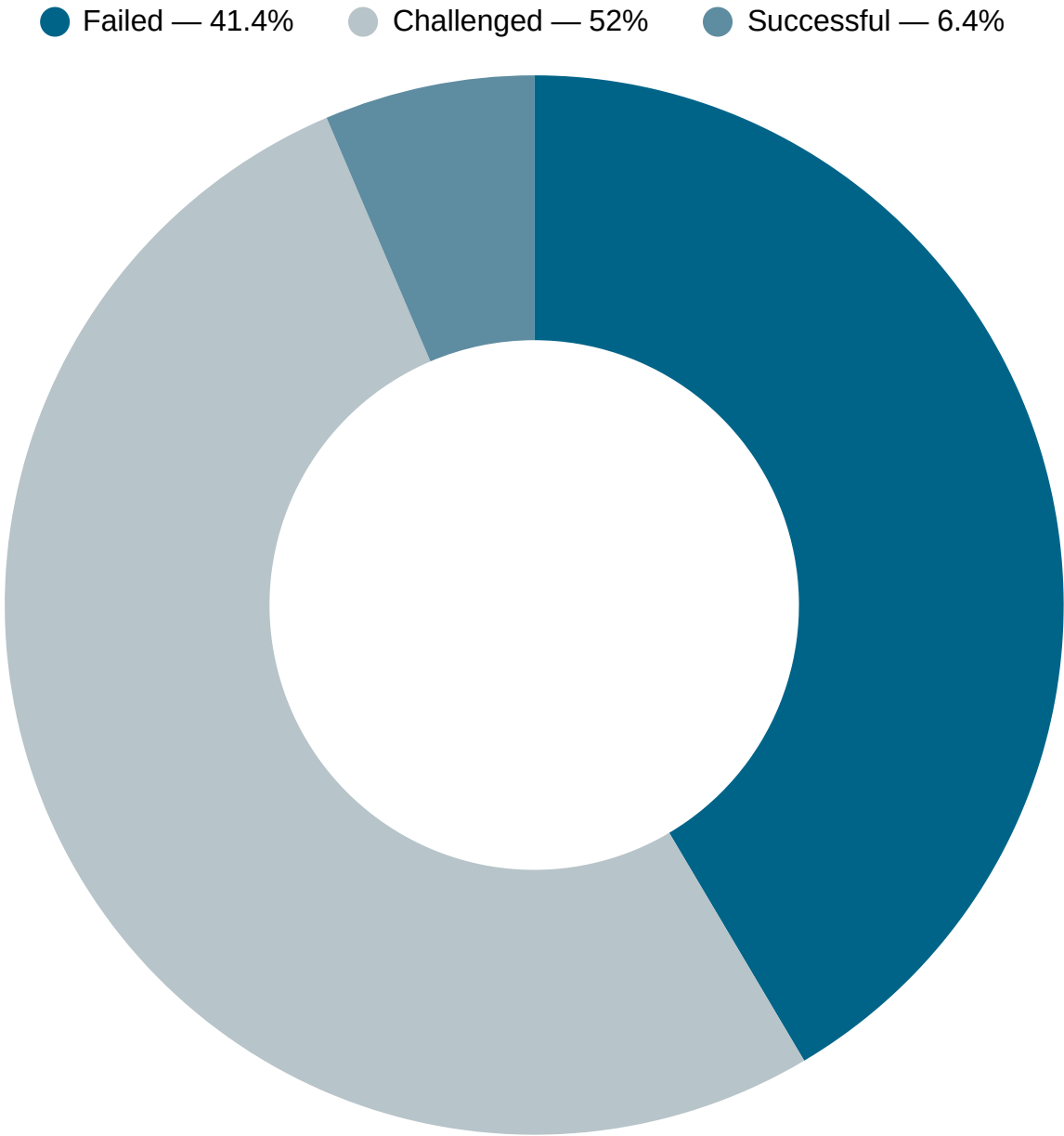
Migrate

RECOMMENDED

Automated modernization.

- + Preserves your proven logic
- + Fixed cost & guaranteed date
- + Up to 85–95% automated

Why starting from scratch is the riskiest option



Outcomes of large rewrite projects (labor cost > \$10M)

70%

of software manual rewrites fail.

A manual PowerBuilder rewrite discards decades of proven business logic and re-introduces thousands of new defects. Automated migration preserves your IP — and the odds.

Start with a data-driven assessment

You can't deal with what you have until you know what you have. Every engagement begins with a precise inventory of your PowerBuilder estate.



ByteInsight

Free static code-analysis that inventories your codebase.

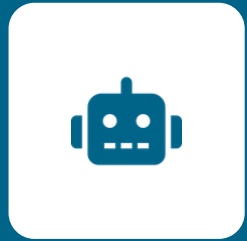
FREE

- Complete inventory**
Reports every file, DataWindow, library and total lines of code, with the full technology footprint.
- Privacy-safe**
Extracts metadata only — your source code never leaves your environment.
- Predictable scoping**
Precise sizing drives an accurate, fixed-cost, fixed-schedule proposal.

STEP 2 — AUTOMATED MODERNIZATION

VELO: agentic AI for PowerBuilder

VELO, our agentic AI platform built on the Microsoft Foundry Agent Service, transforms PowerBuilder applications into modern, cloud-native architectures — not a risky manual rewrite.



VELO

Agentic AI + three decades of modernization expertise.

20× / 60%

faster than manual · lower total cost

TARGETS THE MODERN MICROSOFT STACK

Generates engineering-ready C#, Blazor and .NET, deployed natively to Azure.

PRESERVES YOUR BUSINESS LOGIC

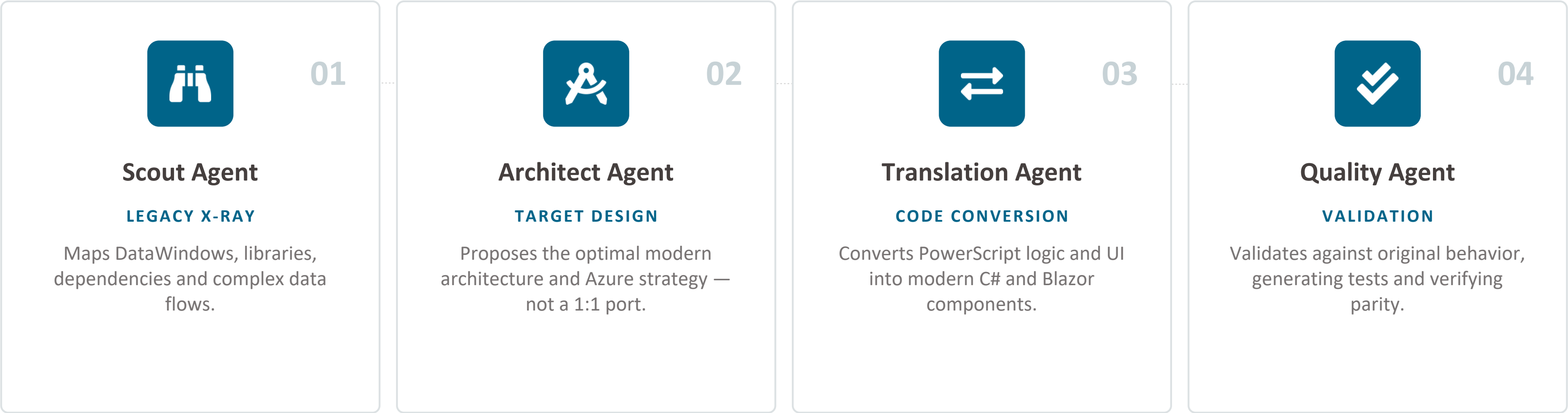
Faithfully carries decades of encoded rules and DataWindow logic into the new system.

ZERO VENDOR LOCK-IN

You receive 100% native source code — no proprietary runtimes or dependencies.

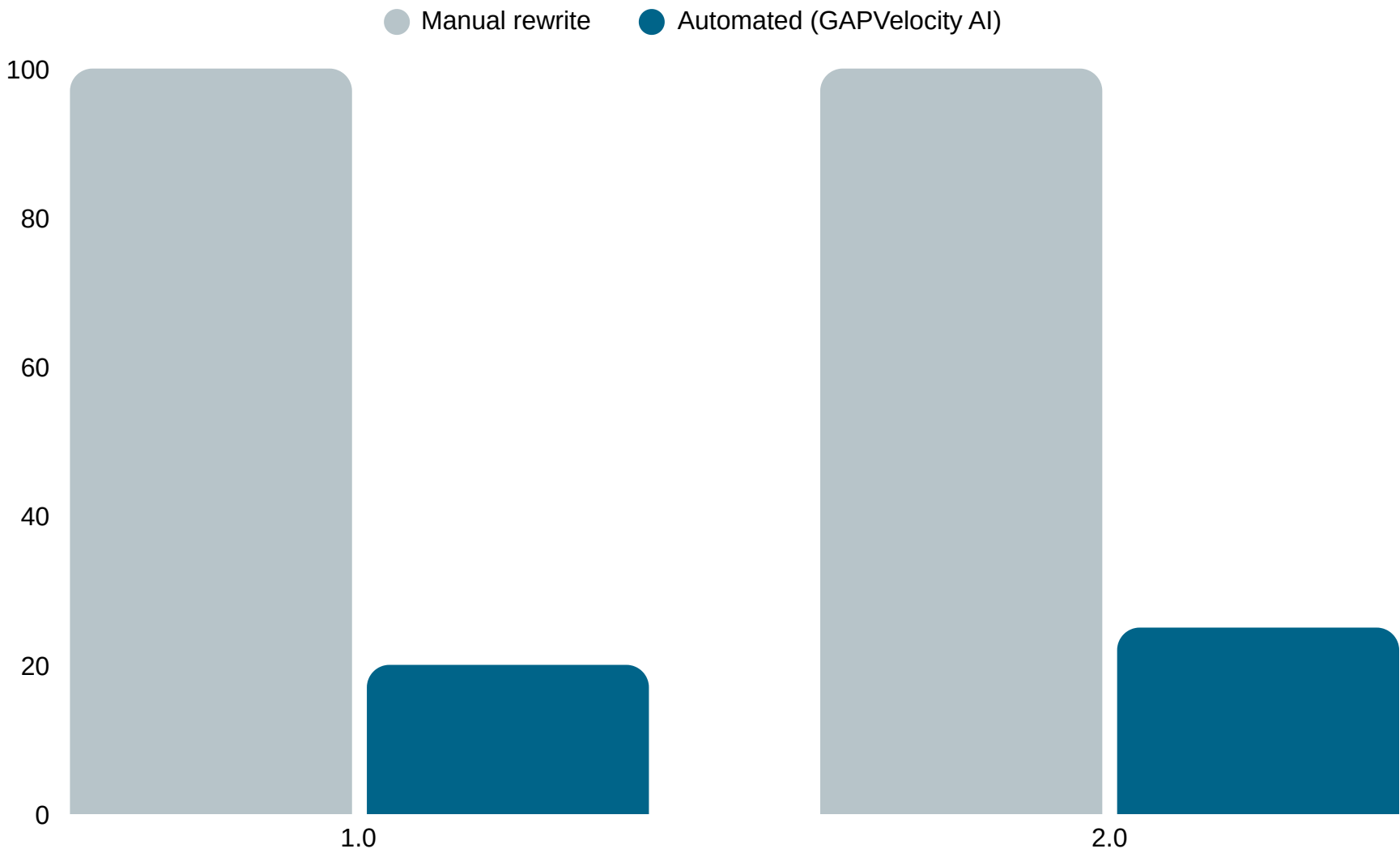
A multi-agent pipeline, purpose-built for legacy

Specialized agents analyze, design, convert and validate your PowerBuilder application end to end:



Speed of AI, quality of human engineering

Automated migration collapses cost and time-to-market versus a manual rewrite — indexed below to a rewrite (= 100).



Up to 85–95%
of the migration automated

20× faster
time-to-market vs. manual

Fixed cost & date
predictable, guaranteed delivery

More than a migration — a strategic upgrade



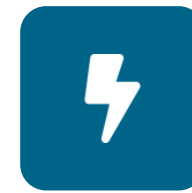
De-risk

Retire unsupported runtimes and close security gaps on a modern, supported platform.



Reduce cost

Escape the PowerBuilder talent premium and cut ongoing maintenance drag.



Accelerate

Ship features on a modern web and cloud stack your whole team can build on.



Future-proof

Unlock cloud-native scalability, SaaS models and integration with modern services.

WHY GAPVELOCITY AI

Experience meets innovation

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

35+

Years of modernization & AI expertise

Billions

Of lines of code modernized

600+

GAP engineers behind delivery

Microsoft Solutions Partner

Our technology is deeply aligned with Azure and .NET, so your modernized PowerBuilder apps deploy natively to the Microsoft stack — with delivery spanning self-service licensing to fully managed, fixed-cost engagements.

BEGIN YOUR MODERNIZATION JOURNEY

Stop managing PowerBuilder risk. Start powering growth.

See the ROI on your own estate — with fixed costs and predictable timelines, not a multi-year rewrite gamble.



Run a ByteInsight assessment

Inventory your PowerBuilder estate safely and size the effort — for free.



Book a codebase analysis call

Review the findings with our migration engineers and map your path.



Request a proof of concept

See real converted output on a slice of your application.



Turn PowerBuilder from a liability into an asset.



Run ByteInsight free and get a fixed-cost baseline for your PowerBuilder modernization.