

Half the team. Every phase. Better output.

The Outcome

A leading North American grain and ingredient manufacturer cut its delivery team in half, accelerated every phase of the SDLC, and shipped a production-grade platform that its own business teams could run independently from day one.

How They Got There

The engagement started with a single proof point: a Documentation Agent on one software module, demonstrating a 90% reduction in documentation time. That result earned the next step - scaling the same model across 269 modules while training client teams to run AI-first workflows themselves.

Why It Worked

AI handled the volume. Humans owned the judgment. Human architects and product owners stayed accountable for every AI output. The team right-sized as automation grew - not because people were replaced, but because each person could own significantly more.

The Situation

A leading North American grain and ingredient manufacturer was running software delivery the way most large enterprises do: a team sized for the volume of manual effort the workflow required. Ninety engineers and support staff handling QA, feature development, refinement, and discovery - each bottleneck solved by adding people. The question was not whether AI could help. It was whether the organization had the conviction to start small, prove it, and scale.

The Approach

AI agents were embedded across every SDLC phase: autonomous 24/5 support, QA automation eliminating CI failures, discovery cycles cut from 160 to 70 hours, migrations running three times faster. The Documentation Agent proved the model on one module - then scaled to 269. Client-side business analysts, product owners, and project managers were trained to run refinement, discovery, and validation independently.

The Result

The team shrank by 50% while throughput held. Discovery compressed from 160 to 70 hours per cycle. CI failure rates approached zero with 100% test coverage running in under five minutes. Documentation at scale saved 38,000+ hours. Client-side teams could run core delivery workflows without engineering support.

38,000+

Engineering hours saved
on documentation alone

50%

Smaller delivery team —
equal or greater
throughput

~0

CI failure rate — 100% test
coverage in under 5
minutes