

WORKING IN PARTNERSHIP WITH THE BACKBONE OF OUR ECONOMY - AI TRANSFORMATION

Rebuild your highest-volume processes as **AI-driven workflows**

A 6-24 month embedded engagement that identifies, rebuilds, and measures the impact of turning your most repeatable operational processes into AI-powered accelerators - with hard deliverables and clear metrics at every stage.

[Schedule a Discovery Call](#)

ENGAGEMENT AT A GLANCE

6-24 mo

Scoped to your process portfolio

T&M

Outcome-gated milestones throughout

Measured

Hard metrics on every process we touch

Embedded

We build alongside your team, not around it

BACKBONE INDUSTRIES

Manufacturing

Logistics & Distribution

Construction

Supply Chain

Unions & Trades

Agriculture

Your people are spending thousands of hours on work AI could do

Every backbone operation has a core set of high-volume, repeatable processes that eat time, introduce errors, and scale badly. The opportunity isn't replacing people - it's freeing them from the work that shouldn't require them.



High-volume manual processes that haven't changed in years

Data entry, report generation, scheduling, compliance checks, invoice matching, dispatch coordination - these processes run every day, consume significant labor, and are exactly what AI is built to handle.



Error rates that compound at scale

Manual processes introduce errors. Errors create rework. Rework costs money and delays outcomes. At high volume, even a 2% error rate becomes a material operational cost.



Headcount that grows with volume instead of staying flat

When throughput doubles, the team doubles too. AI-driven processes break that relationship - letting the same team handle significantly more without adding bodies.



Point solutions that don't add up to transformation

One-off AI tools deployed process by process, without a coordinated program, produce isolated wins. Transformation requires a structured approach across your most important processes.

THE OPPORTUNITY IN BACKBONE INDUSTRIES

The highest-value AI opportunity isn't new products. It's the work your operation already does every day.

40–60%

of labor hours in backbone operations are spent on high-volume repeatable processes that are strong candidates for AI

3–8×

ROI on AI process transformation when built on solid data foundations and measured rigorously

Months

not years - individual process transformations can deliver measurable impact within a single engagement sprint

The processes that eat your team's time every single day

We identify the highest-volume, highest-friction processes in your operation and rebuild them as AI-driven workflows - each one measured, owned, and built to run at scale.



Document Processing & Data Entry

Invoices, delivery receipts, inspection reports, compliance forms - extracted, validated, and routed automatically without manual handling.



Scheduling & Dispatch Coordination

Route optimization, crew scheduling, equipment dispatch, and shift planning - driven by AI that accounts for constraints your current process handles manually.



Reporting & Performance Monitoring

Operational reports, KPI summaries, exception alerts, and compliance dashboards - generated automatically from source data instead of assembled by hand.



Quality & Compliance Checks

Automated review of quality records, safety documentation, regulatory filings, and certification tracking - flagging exceptions instead of manual scanning.



Procurement & Inventory Management

Demand forecasting, reorder triggers, vendor comparison, and purchase order generation - driven by AI rather than reactive manual decisions.



Workforce & Onboarding Administration

Certification tracking, onboarding documentation, training compliance, and labor reporting - automated so your HR and ops teams focus on people, not paperwork.

Outcome-gated from start to finish.

No milestone without a metric.

Every engagement is structured to your operation - but the discipline is consistent: we don't move to the next process until the current one is measured, validated, and handed off.

1

Business and Data Process Discovery

Weeks 1-4

We run a TOGAF-aligned business and data architecture assessment. We map how your business operates: who does what, why they do it, and what data each process creates, uses, and modifies. We then assess what each process means to the company in terms of transformation, score it on AI feasibility and business impact, and agree with your leadership on the transformation sequence. Every process in scope gets a baseline measurement before we touch it - time per transaction, error rate, cost per unit, throughput capacity.

2

Process Sprints

Ongoing

We work through your prioritized process list in structured sprints - each one scoped, built, tested, and measured before the next begins. Sprint cadence is set at engagement start based on your operation's capacity to absorb change. Deliverable ownership is agreed per sprint: some processes your team operates, some we hand off as documented workflows, some stay embedded.

3

Measurement & Impact Reporting

Per Sprint

After each sprint, we measure the transformed process against its baseline: hours reclaimed, error rate reduction, cost per transaction delta, and throughput change. Results are reported in a running Impact Scorecard - visible to your leadership throughout the engagement, not just at the end.

4

Capability Transfer & Sustain

Ongoing → Close

As the engagement matures, we shift progressively more ownership to your internal team - training process owners, documenting AI workflow logic, and establishing governance for how transformed processes are maintained and evolved as your operation changes.

EXAMPLE SPRINT

Invoice Processing Transformation - Logistics Operation

BASELINE (BEFORE)

14 min avg. per invoice, manually
6.2% error rate requiring rework
2.3 FTE hours/day on data entry
48hr average processing lag

WHAT WE BUILT

AI document extraction + validation
Automated routing by vendor & type
Exception flagging, not manual review
Integration to existing ERP/AP system

MEASURED IMPACT

1.8 min avg. per invoice (87% reduction)
0.4% error rate (94% reduction)
1.9 FTE hours/day reclaimed
4hr average processing lag

Four metrics. Every process. Every sprint.

Before we touch a process, we baseline it. After each sprint, we measure it. The Impact Scorecard tracks progress across every transformed process throughout the engagement.

TIME RECLAIMED

Hrs/wk

Hours of manual labor eliminated per process per week - tracked from baseline through go-live

ERROR REDUCTION

% ↓

Reduction in error and rework rate versus the manual baseline - measured at 30 and 90 days post-launch

COST PER TRANSACTION

\$/unit

Cost to execute one unit of the process before and after - fully-loaded, including labor and system costs

THROUGHPUT CAPACITY

Vol ↑

Volume the same team can handle after transformation - measuring the headcount leverage AI creates

WHAT YOU GET

Hard deliverables at every stage of the engagement

Deliverable ownership is agreed per process - some your team operates, some handed off as documented workflows, some remain embedded. Nothing is ambiguous.

Process Transformation Backlog

A prioritized, scored inventory of every process in scope - with baseline measurements, AI feasibility ratings, estimated impact ranges, and agreed sequencing.

AI Workflow Builds

Working AI-driven workflows for each transformed process - built, tested, and validated in your environment before handoff. Scope and ownership defined per sprint.

Baseline & Impact Measurements

Pre- and post-transformation measurements for every process we touch - hours reclaimed, error rate, cost per transaction, throughput. Documented and auditable.

Running Impact Scorecard

A live dashboard tracking cumulative impact across all transformed processes - updated after each sprint and available to your leadership throughout the engagement.

Process Ownership Documentation

For every transformed process: workflow logic documentation, exception handling procedures, maintenance guidance, and training materials for internal process owners.

Transformation Governance Model

A lightweight operating model for how your organization continues transforming processes after the engagement - identifying the next candidates, managing AI workflow maintenance, and measuring ongoing impact.

IDEAL FOR

The right engagement for your operation

This works best when leadership has seen the AI Readiness Assessment, knows where the gaps are, and is ready to act.

- Organizations that completed an AI Readiness Assessment and have a clear picture of their highest-value process opportunities
- Operations with high-volume repeatable processes that haven't fundamentally changed in years
- PE portfolio companies under pressure to improve margins without adding headcount
- Leadership teams that want measurable ROI on AI investment - not pilots, not proofs of concept
- Multi-site operations looking to standardize and automate processes across locations at scale

Natural next step from the AI Readiness Assessment.

The Assessment identifies your highest-value process opportunities and scores their feasibility. AI Transformation is how you act on those findings.

ENGAGEMENT DETAILS

Time & Materials

Outcome-Gated Milestones

Duration	6 – 24 months
Pricing Model	Time & Materials
Scoping	After process discovery
Format	Embedded sprints
Milestones	Outcome-gated throughout
Preferred On-Ramp	AI Readiness Assessment

[Inquire About This Service](#)

Ready to turn your busiest processes into AI-driven accelerators?

Every engagement starts with a 30-minute call. Tell us what your team spends the most time on and we'll tell you what's possible.

[Schedule a Discovery Call](#)