

Data Infrastructure Modernization

Turn legacy systems into a scalable, AI-ready foundation — without disrupting the business you run today.

You can't build tomorrow's analytics on yesterday's infrastructure.

Legacy systems aren't just slow — they're costing you \$159k+ a year in wasted time, failed audits, and stalled AI initiatives. We rebuild the foundation so you can finally move.

THE STOMACH ACHE WE FIX

- ✓ **Data silos everywhere.** Multiple systems — no single source of truth.
- ✓ **Audit requests take weeks.** No lineage, no documentation, no confidence.
- ✓ **AI pilots keep failing.** The foundation doesn't support what you're trying to build.
- ✓ **Infrastructure costs spiral.** Over-provisioned, under-optimized, hard to maintain.

WHAT WE DELIVER

- 01 Cloud Migration & Architecture**
Lift-and-shift or full redesign matched to your regulatory requirements.
- 02 Data Warehouse Optimization**
Query-efficient environments built for reporting and AI workloads.
- 03 Pipeline & Integration Design**
Automated ingestion and transformation — clean data, every time.
- 04 Medallion Architecture (Bronze/Silver/Gold)**
Audit trails baked in, not bolted on.

PROVEN RESULTS

\$50M+

in client savings delivered

40–60%

infrastructure cost reductions

15+ yrs

in regulated environments

Who this is for:

- Pharma & Life Sciences
- Financial Services
- DoD / Government
- PE-backed Healthcare

AI Readiness & Implementation

Stop chasing AI trends. Build the foundation that lets you deploy AI responsibly — and make it stick.

Most AI initiatives fail before they begin.

Not from lack of ambition — from lack of readiness. Bad data, undefined governance, and compliance blind spots kill AI projects in regulated industries. We fix that before you invest another dollar.

WHERE ORGANIZATIONS GET STUCK

- ✓ **AI pilots that go nowhere.** Great demos, buzzwords, zero production deployment.
- ✓ **Compliance exposure.** AI models touching regulated data without governance.
- ✓ **Vendor lock-in.** Solutions built for the vendor's roadmap, not yours.
- ✓ **No internal capability.** Consultants leave and so does the knowledge.

OUR AI READINESS FRAMEWORK

- 01 AI Readiness Assessment**
Evaluate data maturity, governance gaps, and compliance risk across your environment.
- 02 Use Case Identification & Prioritization**
Rank AI opportunities by ROI potential and regulatory feasibility.
- 03 Responsible AI Framework**
Governance, auditability, and model validation built to satisfy regulators.
- 04 Implementation & Team Handoff**
We build it, document it, and train your team to own it — no dependencies created.

PROVEN RESULTS

\$50M+

in documented client savings

100%

compliance maintained post-deployment

Zero

vendor dependencies created

"Most AI companies are inventing business problems to fit their solutions. We start with yours."

Compliance & Audit Readiness

When the auditor walks in, your data needs to be bulletproof. We make sure it is.

Will your data hold up under scrutiny?

In FDA-regulated environments, SOX-audited financials, and DoD-contracted work, your data isn't just an operational asset — it's legal evidence. When it's wrong, it's expensive, disruptive, and sometimes career-ending.

THE COMPLIANCE STOMACH ACHE

- ✓ **Audit requests take weeks.** No documented data lineage means scrambling every time.
- ✓ **Manual reconciliation.** Analysts spending 10+ hours a week on numbers that should be automated.
- ✓ **Compliance as an afterthought.** Governance bolted on and visible to every auditor who walks in.
- ✓ **Shadow data systems.** Rogue spreadsheets and workarounds that bypass controls entirely.

COMPLIANCE-FIRST ARCHITECTURE

- 01 Data Lineage Documentation**
Full audit trails from source to output — defensible at every step.
- 02 Regulatory Alignment Review**
FDA (GxP/21 CFR Part 11), SOX, HIPAA, DoD standards mapped to your environment.
- 03 Governance Framework Design**
PII/PHI protection and access controls — automated, not manual.
- 04 Audit Response Playbook**
Pre-built documentation packages so your team answers auditors in hours, not weeks.

REGULATORY COVERAGE

FDA / GxP (21 CFR Part 11)

SOX (Financial Controls)

HIPAA (PHI Governance)

DoD / ITAR (Security Clearance)

SEC / FINRA (Financial Services)

GDPR (EU/EEA Privacy Laws)

Analytics Strategy & Transformation

Stop reacting to data. Start leading with it. We build the strategy and the capability — not just the deck.

A strategy that sits in a deck is just an expensive document.

Most analytics strategies fail not because the vision is wrong, but because there's no bridge between executive ambition and technical execution. We build that bridge — and stay until the results are real.

WHAT'S HOLDING YOUR ANALYTICS BACK

- ✓ **Reactive reporting.** Always answering 'what happened' — never 'what should we do next.'
- ✓ **Siloed ownership.** Finance, IT, and operations each have their own version of the truth.
- ✓ **Technology without strategy.** Tools purchased, dashboards built — no measurable business impact.
- ✓ **No internal capability.** Perpetual dependence on vendors to answer basic questions.

THE 2516 TRANSFORMATION APPROACH

- 01 Current State Assessment**
Honest evaluation of analytics maturity, capability gaps, and quick wins.
- 02 Multi-Year Roadmap**
Prioritized transformation plan with milestones, costs, and measurable outcomes.
- 03 Executive Alignment Workshops**
Translate data strategy into business language for C-suite buy-in.
- 04 Internal Capability Building**
We train your team to be self-sufficient — not dependent on us forever.

THE ASSESS → PLAN → EXECUTE → OPTIMIZE FRAMEWORK

