

RAZOR CONSULTING

ARCHITECTURE • HIGH-SCALE ENGINEERING • AI REMEDIATION

Phoenix, Arizona • <https://razoraz.com> • contact@razoraz.com

OFFICIAL EXECUTIVE PROPOSAL

Ref ID: PROPOSAL-DEMO
Date: September 22, 2026
Valid Until: October 22, 2026

CLIENT ORGANIZATION	ASSIGNED SOLUTIONS LEAD	ESTIMATED DURATION
Acme Logistics & Technology Corp Attn: Sarah Jenkins, VP of Engineering	Korry Nelson, Principal Solutions Architect	8–10 Weeks

AI-Powered Dispatch & Fleet Margin Intelligence Architecture

This interactive demonstration proposal illustrates Razor Consulting's transparent project delivery framework. We combine rigorous engineering blueprints, phased milestone roadmaps, transparent line-item pricing, and integrated digital sign-offs directly inside our client portal.

Core Strategic Objectives

- Deliver modern, high-throughput cloud architecture built on Next.js, TypeScript, and serverless edge databases.
- Implement verifiable AI intelligence models with automated data validation and audit invariant safeguards.
- Provide transparent milestone pricing with zero hidden vendor lock-in or recurring bloat.

Pre-Flight Audit Findings & Risk Ledger

P1 — HIGH Legacy Monolith Dispatch Latency Existing backend takes 4+ seconds to calculate optimal fleet routes, slowing driver mobilization.	P2 — MEDIUM Unmonitored Third-Party API Spend Uncached geocoding API queries run up runaway cloud billing without local tile caching.
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Phased Engineering Roadmap

Phase 1: Architecture Blueprint & Cloud Database Provision secure PostgreSQL database with Row-Level Security and establish API contract specifications. • Type-safe Drizzle ORM schema with tenant isolation policies. • Next.js 15 App Router scaffold with CI/CD deployment pipelines. • Cloud secret management and zero-trust authentication middleware.	Weeks 1–3
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Phase 2: AI Dispatch Engine & Integration

Weeks 4–7

Build predictive dispatch model, geofencing triggers, and automated notification webhooks.

- Gemini 2.0 Flash multimodal dispatch optimizer.
- Staggered batch routing queue to eliminate third-party API spikes.
- Real-time driver location stream with WebSockets.

Phase 3: Testing, Hardening & Production Rollout

Weeks 8–10

Comprehensive QA load testing, security pen-testing, and executive sign-off release.

- Full unit, integration, and security regression test suite.
- Staged canary rollout on Cloudflare edge.
- Executive analytics dashboard and handoff documentation.

Architecture & Technical Specifications

Component / Layer	Engineering Specification
Frontend	Next.js 15 (React 19, Server Components, Tailwind CSS)
Backend & DB	PostgreSQL 16 with Row-Level Security (Cloud SQL)
AI Inference	Google Gemini 2.0 Flash via Firebase Genkit
Edge CDN	Cloudflare Pages Global Anycast Edge

Investment & Pricing Structure

Architecture & Foundation Sprint

\$5,000 / 2-Week Rapid Sprint

Database design, authentication, infrastructure provisioning, and initial API specifications.

- ✓ Cloud infrastructure setup
- ✓ Database schema & RLS policies
- ✓ CI/CD deployment pipeline

RECOMMENDED OPTION

Full Product MVP Buildout

\$12,500 / Milestone-Based (3 Tranches)

Turnkey application development covering Phases 1, 2, and 3 with production deployment and testing.

- ✓ Everything in Architecture Sprint
- ✓ AI dispatch pipeline
- ✓ Real-time telemetry stream
- ✓ QA audit & warranty

Payment & Milestone Terms: 33% on kickoff, 33% at mid-point milestone, 34% on final release acceptance.

Execution Authorization & Acceptance

By signing below or approving digitally via the Razor Consulting Client Portal, the client accepts this proposal, phased deliverables, and associated commercial terms.

Authorized Client Signature: Acme Logistics & Technology Corp
Name / Title: _____
Date: _____

Razor Consulting Counter-Signature:
Name: Korry Nelson, Principal Solutions Architect
Date: _____