

# INFRASTRUCTURE AUDIT

CASE STUDY & TECHNICAL BRIEF

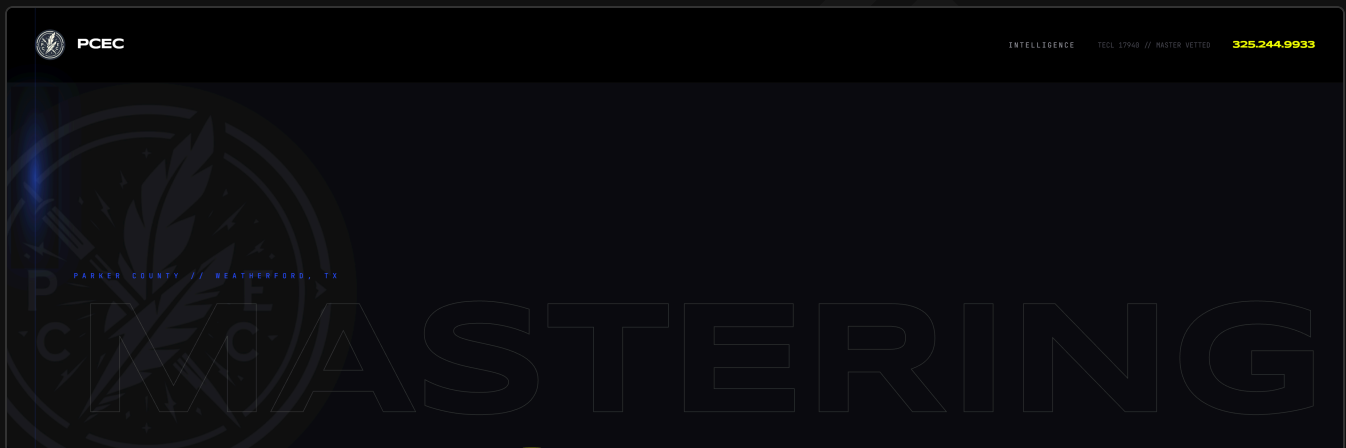


## EXECUTIVE SUMMARY

Modern local service businesses leak revenue through slow, unoptimized, and vulnerable digital assets. L/Tech specializes in executing full-stack infrastructure overhauls—replacing legacy websites with enterprise-grade, **AI-Search Ready** applications that capture maximum local market share with **zero latency**.

## PARKER COUNTY ELECTRICAL

INDUSTRIAL ARCHITECTURE



### THE CHALLENGE

PCEC required a robust digital presence capable of securing high-value industrial contracts while functioning as an automated recruitment portal.

### THE L/TECH DEPLOYMENT

- Deployed a scalable, secure React-based ecosystem.
- Implemented dynamic routing and optimized caching.
- Integrated the **Sentinel Engine** for automated content deployment and CI/CD pipelines.

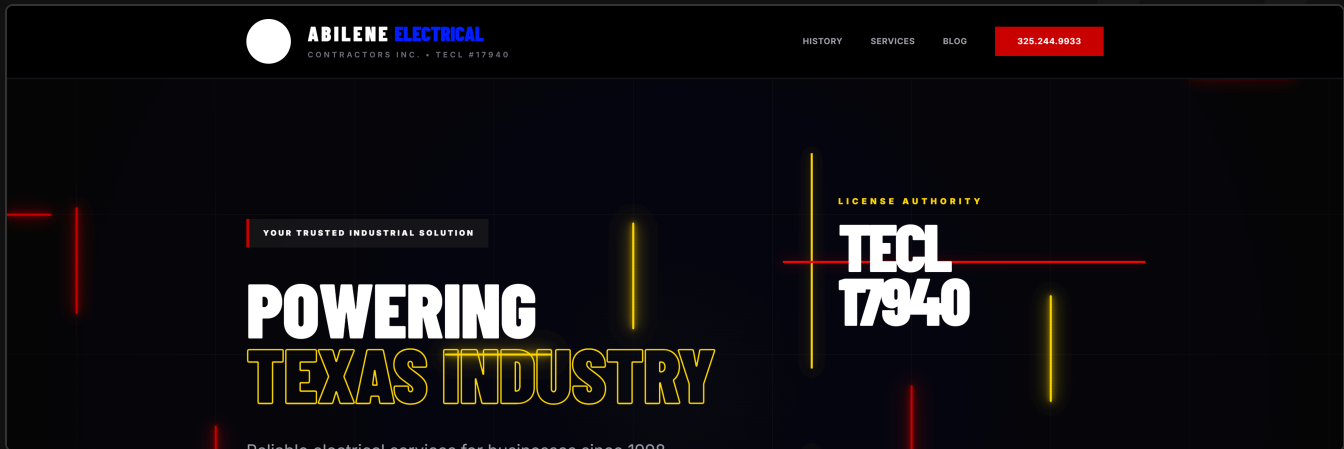
# AIO & SEO OPTIMIZATION

MARKET DOMINANCE FRAMEWORK



## ABILENE ELECTRICAL CONTRACTORS

Commercial SEO Engine



### THE CHALLENGE

AEC needed to completely dominate local search visibility against entrenched competitors, requiring next-generation search optimization.

### THE L/TECH DEPLOYMENT

- Injected rigorous **JSON-LD Structured Data** schemas directly into the DOM layer.
- Fully optimized for **AIO (AI-Search Optimization)**, ensuring platforms like ChatGPT index AEC correctly.
- Configured semantic HTML architecture resulting in perfect Lighthouse performance scores.

## YOUR INFRASTRUCTURE AUDIT

We just ran a preliminary scan on your digital footprint. Most contractors in your sector are losing 30-40% of their mobile traffic due to load-latency and poor SEO structures.

**REPLY TO THIS EMAIL TO RECEIVE YOUR FULL DIAGNOSTIC REPORT.**