EMPEQ™

Data Empowerment for the Built Enviornment

Regional Engineering Firm

The Challenge

A regional engineering firm supporting a state-level electrification initiative was assigned hundreds of aging public buildings, many with no usable documentation. To conduct load calculations, engineers needed to verify asset condition and specs manually—consuming valuable labor and slowing down program milestones.

A Closer Look

Without a repeatable system to organize infrastructure data across its fragmented portfolio, the firm lacked the ability to efficiently curate, enrich, and analyze the information needed for timely, accurate planning across all buildings. This had several substantial negative results:

- Missed project deadlines due to slow and manual data management processes.
- Costly site revisits due to siloed data between groups.
- Lost information during hand-off of data between groups, creating poor business continuity.

The Solution

EMPEQ provided a platform to standardize and enrich asset records—and provided portfolio-wide analytics. With trusted data upfront, engineers were able to complete modeling faster, avoid rework, and reduce cost per project across the entire building portfolio.

- Reduced operational costs by 25%
- Empowered entry level workers to perform initial building audits - increasing staff bandwidth
- Eliminated up to 80% of time spent on data creation and structuring
- Increased throughput without adding headcount

Summary:

Asset Types
Mechanical, Electrical, Envelope, Lighting

Building Types
Commercial, Multifamily

Strategic Outcome
25% Decrease in Operational Expense

Company Type
Regional, Privale

Structured Asset Intelligence, Delivered at Global Scale

Get Started Today.

Unlock Your Operational Intelligence!

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