

Data-driven LCRI compliance for service line inventories



CLIENT

Gainesville Regional Utilities (GRU)

LOCATION

Gainesville, Florida

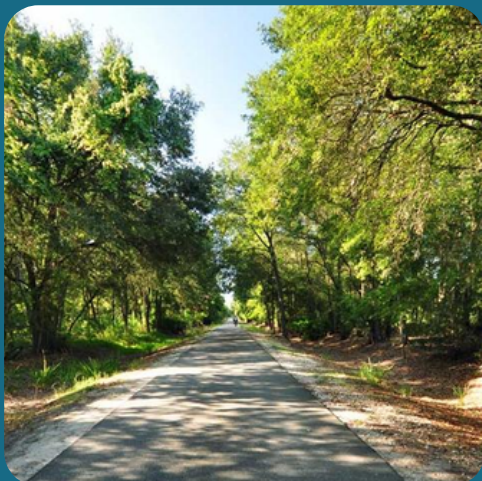
POPULATION SIZE

200,000

SOLUTION



"I feel like we had the dream team for this. Working with CDM Smith and Trinnex was really a turnkey process. The team is fantastic."
- Jennifer McElroy, GRU



The Challenge

- Difficulty establishing a consistent compliance framework due to rapidly evolving LCRI guidance
- Large number of "unknown" private-side service lines
- High cost and disruption of traditional verification methods

The Solution

CDM Smith and Trinnex worked with GRU to implement a **statistically defensible service line inventory strategy** designed to confidently resolve unknowns without costly widespread excavation.

Key Features and Results

Predictive statistical modeling

Representative sampling and targeted inspections across geography and construction eras confirmed, with high confidence, the absence of lead service lines systemwide.

Customer trust building

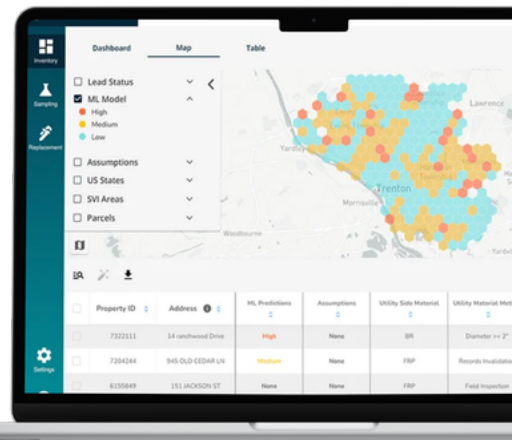
Eliminating unknowns avoided repeat notifications and supported clear communication to maintain public confidence.

Transparent methodology

Engineering review combined utility knowledge, historical records, GIS data, work orders, and inspections into a fully documented, reproducible approach.

Passing regulatory rigor

Expertise provided by CDM Smith and Trinnex on the regulatory landscape led to breakthrough methodology acceptance by FDEP.



About



leadCAST Predict helps you accelerate the classification of unknown service lines and prioritize field verifications through advanced service line material predictions powered by machine learning.



Connect with a Trinnex expert to see how this approach could work at your utility.

