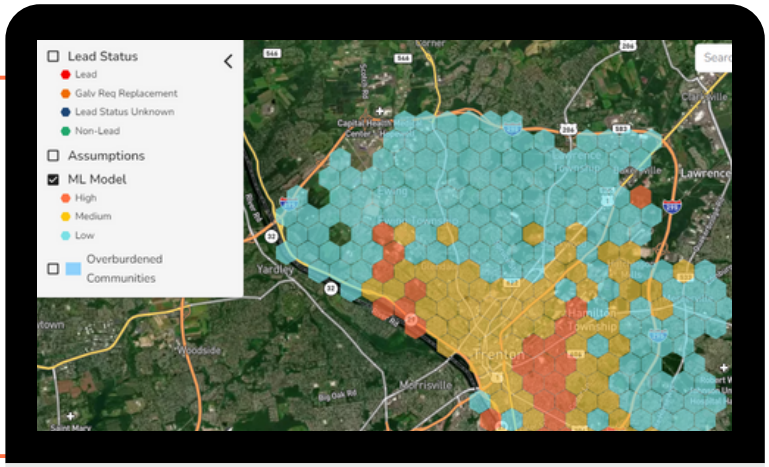
leadCAST® PREDICT

What is leadCAST Predict?

leadCAST Predict is a full-service machine learning solution helping you gain control over the unknowns in your service line inventory through advanced predictions. leadCAST Predict is an additional feature of the leadCAST LCRR compliance management solution and uses a machine learning model coupled with your inventory data to generate predictions of service line material.

Product features:

- Domain expertise quality checks
- Easy-to-follow predictions report
- Inspection Optimizer for unbiased predictive modeling
- Interactive dashboard with dynamic map



Good quality data and a trained model can successfully predict service line material with accuracy comparable to physical verification methods.

How does it work?

leadCAST Predict aggregates estimates of the amount of lead in your system, as well as predictions for each property with unknown service line material using **three main elements:**

Data

Combine service line inventory with parcel and census data to predict unknown materials. Our machine learning experts use statistical techniques to prepare, clean, and improve your data to support optimal modeling.

Model

Our machine learning experts evaluate the performance and reliability of many different types of machine learning models to select the best fit for your data.

Results

An interactive dashboard displays service line material predictions. A final report describes how the machine learning model was built and tested for non-technical stakeholders to understand how the model works.

trinnex®
Trust in what's next.

Why utilize the Inspection Optimizer?

Not all water utilities have the financial and staffing resources to verify every single service line. Completing field verifications can take years and our communities deserve better than that. leadCAST Predict helps you identify lead more quickly and accurately, so that you can remove and replace lines expeditiously.

leadCAST Predict includes a proprietary tool called Inspection Optimizer, used by our data scientist team to analyze existing inspections to ensure they are representative and that the machine learning model trained on these inspections will be able to generalize for the rest of the system.

Learn how leadCAST Predict works and how it can be configured for your utility.



Uncover your unknowns using leadCAST Predict

Schedule a demo today at trinnex.io

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