

UnitTrack -- Product Overview

UnitTrack — Raw meter data to safe, publishable insight

One-page product overview. Try the full workbench live at /evaluate (no sign-up). Security & methods detail lives at /trust.

What it is. UnitTrack is a web app that turns a utility's raw metered usage data into analysis and safe-to-publish aggregates — with statistical disclosure control applied automatically, so individual customers can't be singled out. One tool in place of a data scientist and a spreadsheet.

Who it's for. US electric, gas, and water utilities, agencies, and community choice aggregators that want to publish or share usage insight — for planning, conservation, rate design, equity, and research — without risking a customer-privacy disclosure. Editions: KwhTrack (electric) · BtuTrack (gas) · CcfTrack (water).

The problem it solves. Utilities hold detailed customer usage data and are regularly asked to share aggregate views of it. But naive aggregation leaks: a group with too few customers — or one dominated by a single large account — can expose an individual. Today this is done by hand in spreadsheets: slow, inconsistent, and risky. Improper disclosure of customer usage data is a regulated, penalty-bearing event (e.g. California's CPUC "15/15" rule).

How it works — minutes, no code.

1. Upload an extract. UnitTrack guides you through mapping your columns — no per-utility code changes.
2. Analyze your own data with the built-in analyses.
3. Publish. Every result passes disclosure control before it leaves, reports its residual re-identification risk score, and cites the rule behind every group it suppresses. Download the tables and map layers.

What you get.

- Analyses: consumption by customer class, geography, and time; efficiency benchmarking (EUI); peak demand & load factor; seasonal / outdoor use; consumption distribution & inequality; spatial clustering (Moran's I); and transparent data-quality findings — on real Census-tract geography.
- Disclosure control, built in: minimum-count (k-anonymity) + dominance + complementary suppression + a residual risk score, configurable and safe-by-default at the utility 15/15 standard. Mapped to NIST and the ESSnet/Eurostat SDC Handbook. (Full detail in the Security & Methods documents at /trust.)
- Exports: downloadable tables (CSV) and thematic map layers (GeoJSON).

Why it's worth it.

- Replaces the \$150–270k/yr data-scientist hire and the disclosure-control expertise — even the top pricing band recovers less than half of one such hire.
- Prevents a regulated disclosure violation — an event that carries per-day penalties and real reputational cost.
- Defensible by design: every control cites the accepted standard it implements — so a regulator or a security reviewer can check the work.

Try it, and pricing. Explore the full workbench on demo data at /evaluate — no sign-up. Utility licenses are size-banded from \$18,000/yr (by meter count); agencies and enterprises start at \$96,000/yr. Annual billing includes two months free.

Learn more: live demo at /evaluate · security & methods at /trust · sales@polishcloversolutions.com