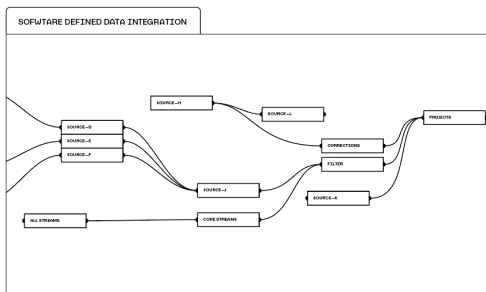OVERVIEW

Palantir Foundry harnesses operational complexity — to drive scaled outcomes.

Utilities have a data ecosystem of ever-increasing complexity that is challenging to leverage for operations. Palantir partners with utilities across the globe to help modernize the grid, reduce risk, improve safety, and adapt to changing demand and production patterns. Foundry helps unify a utility's data landscape and can power decisions across the value chain. Our partners have deployed workflows such as emergency response, regulatory reporting, asset maintenance strategy, vegetation management, and risk-driven work planning.

SOLUTION

SOFWTARE DEFINED DATA INTEGRATION

AUDITABLE DATA ASSET | Understand how data and reports were generated not only today, but at any point in the past.

FOUNDRY'S IMPACT ACROSS THE VALUE CHAIN

Grid Operations

Asset Failure Investigation • Emergency Response Operations • Regulatory Reporting • Work Planning • Preventative Asset Maintenance • Vegetation Management • Risk Models • EV Network Expansion

Customer Care

Customer Notifications • Service Contracts Management • Next Best Action • Customer Experience • Demand Planning • Customer Segmentation & Outreach for Billing

Power Generation

Supplier Management • Maintenance Allocation & Planning • Primary Heat Transfer Systems • Turbine Downtime • Minimization • Wake Steering • Site Planning • Trading Portfolio Management • Minimizing Carbon Emissions

RESULTS

Impact Study – Geospatial Work Planning

CHALLENGE [01]

Optimize work planning to prioritize critical assets while optimizing for constraints such as budget, location, crew availability, and feasibility.

SOLUTION [02]

Work Planning & Sourcing - Integrate data on project timeframes, phases, materials, suppliers, asset risks, and budgets to optimize planning workflows, ensure a risk-based prioritization, and identify and mitigate bottlenecks. Provide longer term visibility on required work and granularity on geographic location of planned work to optimize sourcing.
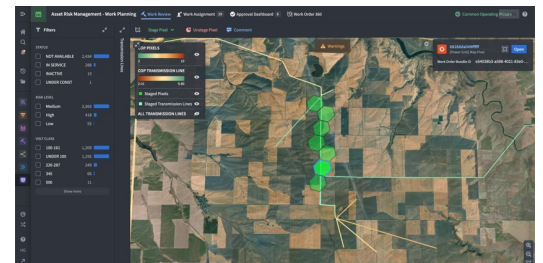
Undergrounding & Integrated Planning - Help risk management, asset strategy, and work planning teams prioritize assets to underground based on key metrics such as undergrounding difficulty scores, wildfire risk scores, PSPS risk and vegetation risk.

Vegetation Management - Provide supervisors and subsequent layers of leadership with end-to-end visibility on project status and dependencies. Prioritize critical projects, assess vendor performance, and facilitate on-time delivery.

IMPACT [03]

✓ **10k+** → Circuit miles planned & managed in Foundry

Example Work Management Application. Foundry helps customers create work bundles, track work items through approval processes and stakeholder review, deliver work instructions to field crews, and track completion.