CYIENT
Nothing Less

Liberty



Liberty Utilities Turns 40,000 Miles of Assets into Trusted Network Intelligence

Cyient unified multi-commodity utility data across 46 counties and 17 networks to improve visibility, planning, and modernization readiness.

Business challenge

For Liberty Utilities, modernization depended on first creating a consistent, trusted view of infrastructure across its multi-commodity networks.

- Operating across 46 counties and 17 utility networks made data consistency critical.
- Fragmented GIS systems limited asset visibility across electric, gas, water, and wastewater infrastructure.
- Inconsistent records and duplicated effort reduced confidence in data used for planning, field operations, and modernization programs.

They needed to consolidate, digitize, and standardize network information at scale without disrupting live services.

What Cyient did

Cyient helped Liberty Utilities move from disconnected GIS environments to a unified, enterprise-wide geospatial operating model.

Migrated data from four legacy GIS platforms into a **single Esri Utility Network Model**.

Standardized infrastructure information across **46** counties and **17** utility networks.

Digitized **945,000** network connections and brought **40,000** miles of assets into a modern GIS foundation.

Hosted and configured the **new environment** and **trained operational teams** to adopt the unified platform.

Maintained service continuity throughout the migration and modernization effort.

The result: A stronger geospatial backbone that gave Liberty Utilities greater confidence in its asset data and a scalable base for smarter planning, more coordinated operations, and future-ready network modernization across multiple commodities and regions.

What Liberty Utilities gained

Liberty Utilities now has a unified geospatial foundation that turns complex infrastructure data into clearer, more confident decisions across its multi-commodity operations.

One enterprise-wide GIS foundation created by consolidating four legacy platforms

46 counties and 17 utility networks standardized into a single Esri Utility Network Model

945,000 network connections digitized to improve data usability, reliability, and operational confidence

40,000 miles of assets brought into a modern GIS backbone for planning, field execution, and future modernization

Engineering excellence. Nothing Less.

With a unified digital view of its underground network, Vitens gained the confidence to plan, operate, and report with greater accuracy. The rebuilt data improved visibility into buried assets, strengthened compliance readiness, and helped teams make more informed decisions across national-scale utility operations.

Create one trusted view of your utility assets and turn it into smarter action.

Speak with our experts to explore what's possible.



Cyient is a global lifecycle engineering services company powering mission-critical industries from design to aftermarket across products, plants, and networks. With 300+ customers and 15,000+ associates across 30+ countries, we combine human expertise, deep domain knowledge, and AI to deliver intelligent engineering for every lifecycle across Aerospace and Rail, Automotive and Mobility, Connectivity, Energy, Healthcare, Mining, Utilities, and beyond.

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