CYIENT
Nothing Less

Vitens



Vitens Turns 2.5 million Drinking-Water Connections into Trusted Asset Intelligence

Cyient helped digitize and standardize buried-network records, strengthening data confidence for planning, compliance, field operations, and future network modernization.

Business challenge

For a drinking-water utility serving around 6 million customers, every buried connection matters. Vitens operates at national scale, supplying approximately 353 billion litres of drinking water a year through about 48,000 kilometres of pipes. But much of the information on its underground network sat across legacy records with different formats, quality levels, and degrees of completeness.

That made it harder to maintain a trusted view of asset location, connectivity, and updates—limiting the accuracy needed for planning, compliance, field operations, and future network investment. Vitens needed to digitize and standardize millions of drinking-water connections at scale, without disrupting ongoing operations.

What Cyient did

Cyient turned fragmented legacy records into a dependable digital view of Vitens' underground network—making connection data accurate, consistent, and usable across utility operations.

- Digitized **2.5 million** drinking-water connections.
- Scaled monthly production from **80,000** to more than **100,000** connections.
- **Rebuilt legacy records** as structured, quality-controlled, GIS-ready data. Integrated standardized connection data into Vitens' operational systems.
- Established controlled workflows and production governance to **strengthen data reliability**.
- Maintained service continuity across a **live utility environment**.

The result was a stronger data foundation that gave Vitens greater confidence in its buried-asset information and a scalable base for smarter infrastructure planning, regulatory readiness, and long-term network modernization.

What Vitens gained

2.5 million drinking-water connections digitized into structured, usable network intelligence

Production scaled from **80,000** to **100,000 connections** per month to accelerate transformation

Improved data accuracy and regulatory readiness through standardized, quality-controlled records

Stronger foundation for national-scale utility operations, planning, 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.

From hidden records to trusted infrastructure intelligence, 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.

To learn how we deliver exemplary outcomes, nothing less, visit www.cyient.com.

North America Headquarters
USA
T: +1 860 528 5430

Europe, Middle East, and Africa Headquarters
UK
T: +44 118 3043720

Asia Pacific Headquarters
Australia
T: +61 2 8887 8600

Global Headquarters
Hyderabad
T: +91 40 6764 1000

facebook.com/cyient @cyientnews linkedin.com/company/cyient

© Cyient 2026. All rights reserved.