## CYIENT

# SIMPLIFY YOUR DATA MIGRATION, AMPLIFY YOUR UTILITY'S POTENTIAL

Smooth transition to VertiGIS Networks powered by Cyient's expertise

## Why Migration Matters?

Your utility network data powers everything, from keeping the lights on to delivering clean water. Ensuring this data moves accurately and securely into a modern system like VertiGIS Networks is critical.

A smooth migration means fewer surprises, less downtime, and more confidence that your network runs reliably. It's the first step toward smarter operations, faster problem-solving, and better service for your customers.

With Cyient by your side, this vital transition is handled with care, expertise, and a commitment to making your network stronger every day.

## **Key Challenges**

Managing large, complex utility datasets with diverse formats

**Resolving inconsistencies** such as duplicate entries and orphaned features

**Addressing network** connectivity gaps and data quality issues

Ensuring comprehensive validation

to prevent migration errors

Navigating the complexity of secure data handling and transfer

## **The Cyient Method**

Our migration methodology is built on a **structured 5-phase framework** that brings order and discipline to complex utility data transitions. By combining planning, validation, and iterative execution, the method reduces risk, manages complexity, and keeps projects predictable from start to finish.

## **Data Migration Summary | CYIENT Standard**



Enabled through VertiGIS Network Data Model



#### **Data Assessment**

- Development of the optimal model
- Path for migration into the UN target system

## Data Modeling

- Optimization of runtime behavior
- Fulfillment of application requirements



#### **Pre-Validation**

- Checking data quality
- Creation of error protocol
- Error handling



# Migration in Multiple Runs

- Extraction of source data
- Loading of annotations/ measurements



#### **Post-Validation**

- Verification of migration by VertiGIS
- Verification of migration by customer

## **Why Our Migration Process Works**

#### What sets Cyient apart isn't just the method, but the value layers we add on top:

#### **Deep Data Validation**

Issues resolved early to avoid downstream disruptions.

#### **Iterative Testing**

Multiple cycles ensure smooth performance before go-live.

#### **Secure Handling**

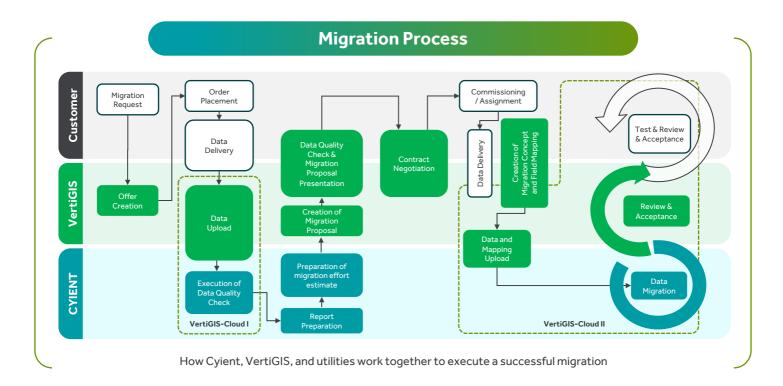
VertiGIS Cloud and VPN protocols safeguard sensitive data.

#### Flexible Models

Standard, Custom, or Extended options that adapt to your needs.

#### **End-to-End Partnership**

Our experts stay with you through every stage, ensuring business continuity.



#### **Proven Industry Impact**

- Delivered utility data migrations successfully managing over 12 million connections worldwide.
- Powered by a dedicated team of 50 Project Managers, 175 Developers, and 1,170+ Data Analysts, ensuring expert execution.
- Proven ability to scale from small regional projects to complex, multi-million connection utility networks.
- Trusted for secure, validated, and scalable migration solutions leveraging VertiGIS Cloud, enabling seamless digital transformation.

## Ready to modernize your utility data migration?

Partner with Cyient to simplify your migration, ensure data integrity, and accelerate your journey to VertiGIS Networks.



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#### **Get in Touch**



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