



Streamlining Geospatial Data Projects for a Major Eastern North American Utility



AT A GLANCE

CLIENT CHALLENGES

- Extremely complex project with extensive data requirements and migration to the 10.6.1 Esri platform
- GIS platforms too old to support their business
- Multiple systems need to be migrated to a new GIS
- New functionality was required

CLIENT BENEFITS

- The new GIS supports new operations in both the gas and electric entities
- Simplified the GIS and eliminated potential risks
- Enhanced data quality
- Ensured data could be used by the new platform in a manner acceptable to all users

Business Need

As with all technologies, they age, some sooner than others. In the case of a major eastern North American utility, serving 10 million customers, they had two legacy GIS platforms that aged beyond their ability to support their business. Both systems were beyond their lifespans and were limiting expansion to support necessary operational evolution. The utility made a strategic decision to move to the 10.6.1 release of the Esri platform to support growing business needs and new functionality.

Data from the legacy systems had to be moved to the new Esri GIS and aligned to an entirely new landbase to meet the demands of its thousands of users. Simply put, data in the future system had to support new operations in both the gas, and electric entities, and the program had to involve hundreds of personnel, extensive and constant collaboration, and approvals at all levels.

RAMTeCH Solution

As a result of two highly successful proofs-of-concept, RAMTeCH worked with the System Integrator (SI) and our client to fully lay out how the data work had to be executed for production with several incremental deliveries and acceptance procedures for migration, conversion, and conflation before a final delivery could be made.

Even more, the project's complexity required expert project management and close coordination with all entities because the process was implemented for each region, which was executed largely in parallel to mitigate the schedule. However, none of this would have been possible if it was not for the extensive collaboration and trust between RAMTeCH, our client, and SI partner.

Results

Simplified the complex GIS data project from thorough and patient planning, constant and open communications, and unwavering demand for detail and quality on the part of our client.

The high standard that our client set has been and continues to be met and exceeded by RAMTeCH and our production team.