

GIS Services

- Highly accurate paper-to-GIS conversion process
- Geo-referencing scanned images of engineering plans
- Data source consolidation into a seamless GIS (i.e., CAD, Shape Files, GDB)
- Spatial refinement of electronic mapping system
- Database design
- GIS needs assessment studies
- GIS implementations
- Asset management system integration to GIS
- On-site training



Authorized ESRI Business Partner



InfraMetrixSM

An Aqua Data Licensee

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GEOGRAPHIC INFORMATION SYSTEMS

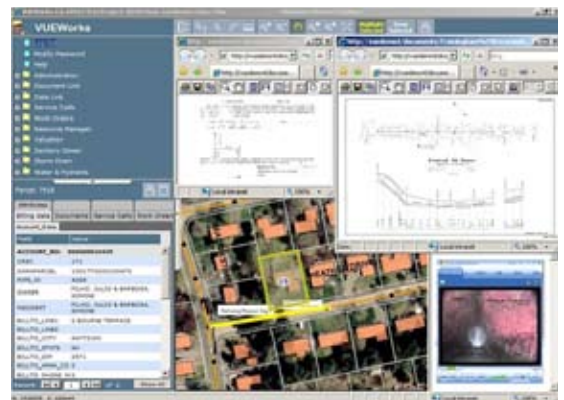
For water, wastewater and stormwater utilities, a geographic information system (GIS) can be an invaluable tool enabling planners, operators, engineers and utility managers to capture, manage, analyze and display all forms of geographically referenced data. Best-in-class utilities put GIS to work linking key physical characteristic and condition data with maps. These GIS provide access to a comprehensive database that greatly improves the ability to make informed decisions on maintenance and capital planning. A robust GIS tool enables you to more effectively manage your vital water and sewer assets.

Unleash your GIS potential

Imagine having immediate access to all your critical asset attributes, defect photographs, inspection videos and condition data on your laptop computer. Visualize field crews researching maps, as-builts, tie cards and current condition data in the field in real time. Managing water and sewer assets using a GIS containing both *static* (size, material, and location) and *dynamic* (operating, maintenance, structural condition, water quality, pressure) data saves utilities time and money and improves asset performance through more effective planning.

Our unique approach

InfraMetrixSM is a leading provider of buried asset inventory and condition assessment data for water, wastewater sewer and storm water systems. Utilizing state-of-the-art technologies (e.g., CUES-IMX zoom camera, BEM eddy current technology), we quickly and cost-effectively collect and process data for condition assessment, modeling and asset management, providing a powerful, dynamic GIS tool that supports all utility functions for improving system performance. By incorporating both static physical and actual condition data into the utility's GIS system, managers can schedule daily activities and also plan for short and long-term maintenance and capital needs. Our systems can automate the difficult task of performing highly accurate paper-to-GIS conversion, geo-reference scanned images and connectivity evaluations to identify missing and inaccurate data, thus saving valuable time while improving the accuracy of the GIS.



InfraMetrixSM delivers GIS data in an easily understood, readily shared format that can be used for hydraulic modeling, flow tracing, emergency management, facilities management and other highly sophisticated planning and operational uses. By automating a labor intensive process, we provide clients with a much more cost-effective solution with a quick turn around and top quality deliverables.

Providing innovative and affordable infrastructure diagnostic services to help clients prioritize long-term water, wastewater and stormwater maintenance and capital investments for improved performance.