

Gas Distribution GIS Platform

EASILY DELIVER ON BUSINESS GOALS AND KEY
PERFORMANCE INDICATORS (KPI'S)



IMMEDIATE RESULTS

IMPROVE DECISION MAKING

ACCESS IMPORTANT INFORMATION

A powerful geospatial approach to asset management that enables users to map and fully meet design, as-built, field, compliance and DIMP requirements.

Novara GeoSolutions (Novara) offers a Distribution GIS platform that gives gas utilities a scalable platform to meet their design, as-built, asset management, compliance, field and DIMP needs. This program involves a series of individual products that form a dynamic and comprehensive platform for addressing clients' business needs. The foundation of this solution is Esri's ArcGIS suite and the UPDM data model. Users can deploy a variety of design and as-built products to produce individual maps or map books. Mobile field users can easily access information in the field and effortlessly update/create new records with proven field solutions. If part of your goal is to document work, Novara will deploy Esri's Workforce which can work alone or be integrated within the organization's existing work management solution. Users increase organizational transparency and report current activities to stakeholders, executives and customers/constituents by utilizing easy to use portals and dashboards.

By incorporating Novara's DIMP solution, users can identify threats, calculate risk and provide a flexible foundation so users can measure the performance and determine needed plan improvements. Operators will be able to confidently report on all seven of the PHMSA elements. Users can produce map-based views of their risk (map books and series of individual maps) or tabular reports to illustrate each pipe section and the risk associated with the segment. Users can also export a version of the model to defend how the risk scores were calculated and the solution uses metrics to justify risk rankings. Novara's Distribution GIS platform is a complete solution!

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Easy access to important information

Included in the asset management system is a GIS for accessing all of the information about a user's system and facilities. This includes desktop, web-based and mobile products for easy retrieval of the information and detailed attribute information for every feature you operate. In addition to detailed asset information, clients can link digital photos of buildings, structures, and other equipment. Key information, including asset type, age, condition, status, photos, etc is at your fingertips. Users are able to easily map, update and report on information while adhering to compliance regulations.

Reduce annual maintenance costs and improve planning

This distribution GIS platform allows clients to balance costs against risks before development takes place. Users can perform preventative maintenance planning in order to request the required funds to meet budgetary obligations. With this system users can perform capital planning for development initiatives and report on anything in the portfolio of assets.

Esri gold business partner and the right fit

As a custom software developer and Esri platform implementer we have experience configuring and implementing all forms of geospatial software including Esri Desktop, Esri Server and extensions, Esri ArcGIS Portal, Esri Dashboards and Mobile solutions, and data models like UPDM and the local government geodatabase. Novara offers the solution in two ways: the software can be installed on premise or it we can host the solution for you.

Novara has the experience

Novara specializes in the design, development and implementation of asset management systems in a variety of industries, such as Energy (both Transmission and Distribution), Water/Wastewater, Stormwater, Transportation, Local Government, Rail, Aviation and Security. This experience is paired with our parent company, CHA Consulting Inc's, vast engineering experience to create the best offering available.

Eliminate resource constraints

Novara offers a wide range of services including spatial analysis and mapping services, GPS field data collection, alignment sheet generation, geospatial database design and implementation, data loading and validation, consulting and web-based GIS application development and more. Novara can be an extension of your team so you can get projects completed quickly!

ADVANTAGES

- > Works within the UPDM
- > Easily add, update, and maintain critical asset information
- > Empower field teams with updated information
- > Effective reporting on the complete life cycle of an asset
- > Cost effective, scalable and flexible to meet your needs
- > Design new service and trunk lines and import as-built records
- > Calculate Risk scores and improve your DIMP plan
- > Provide transparency to stakeholders and executives
- > Generate maps and produce digital and paper mapbooks
- > Integrated mobile solutions

CALL US TODAY FOR A DEMO OF THIS POWERFUL SOLUTION!