

# Technology Solutions

THE IMPLEMENTATION AND DEPLOYMENT OF OUR OFF-THE-SHELF, CONFIGURABLE SOLUTIONS HELPS MANAGE THE ASSET LIFE CYCLE WHILE IMPROVING THE EFFICIENCY AND EFFECTIVENESS OF CLIENT OPERATIONS

← AFFORDABLE, USEFUL SOLUTIONS

← REDUCE OPERATING COSTS

← SCALABLE, EASY TO CONFIGURE

**Novara GeoSolutions (Novara) is the geospatial and asset management provider for CHA Consulting, Inc.**

Since its founding more than 30 years ago, Novara has been developing best practice software applications which fully leverage the Esri technology platform and are built specifically for the management of utility and pipeline system assets and infrastructure. Our customers are asset-intensive, asset-centric businesses with large capital investments in complex and “geographically dispersed” assets and operations. The custom software programs we have developed helps to ensure the safety and reliability of our customers' assets, their stewardship of the environment, their assets and operations compliance with applicable federal and state regulations, and the efficiency and effectiveness of their operations are improved.

To ensure continued evolution and alignment with the needs of these industries, Novara stays heavily involved in industry associations, workshops/forums, and other events of relevance. Likewise, the company, its regulatory compliance experts, and technologists are well-versed with both PHMSA and local state regulations, industry standards and recommended practices. Further, they keep current regarding the impact that advisory bulletins and notices of proposed rulemaking may have on the functionality and support these solutions will need to provide.

# Technology Solutions

## Software Solutions for Hazardous Liquids & Natural Gas Pipeline Systems

Using the Intrepid® platform, our technology solutions connect users with the data, analytic tools, and corporate knowledge they need to make the critical decisions that shape their company. Intrepid® is one of the more widely accepted “geospatial-based” solution suites on the market for infrastructure and asset management.

### Key Areas of Support:

- Pipeline and facilities asset data management
- Planning, engineering and design support
- Mapping and alignment sheet generation
- Regulatory compliance
- Risk and integrity management support
- Visualization, analytics and reporting
- Mobile computing for field operations support

- Leak management
- DIMP planning and support
- DIMP risk modeling and analysis
- Mapping and drawing production
- Query, viewing and reporting
- Regulatory reporting
- Management and executive dashboards
- Mobile computing for field operations support

## Mobile computing solutions for compliance & field operations support

Our Corrivo technology platform provides for “office-to-field-to-office” process management that helps pipeline operators and utilities in the planning, execution, documentation, management, and reporting of inspection, compliance, integrity, repair, O&M, and other in the field activities. Corrivo allows users to view program performance, eliminate paperwork, and quickly access field observations in real-time so that managers can make informed decisions.

### Key Areas of Support

- Work activity creation and close out
- Work activity assignment
- Bread crumb tracking
- Leak survey and investigation
- Leak detection device integration
- Leak monitoring and repair
- Non-leak maintenance and repair
- One call response integration
- Utility line locate
- Crossing inspections
- Excavation damage inspections
- Exposed pipe inspections
- General observations
- Map correction notes
- KPI monitoring and reporting
- Regulator Inspection

## GIS Solutions for Natural Gas Distribution Systems

We offer a GIS platform providing investor-owned and municipal gas utilities with a scalable platform to manage high, medium and low-pressure gas networks and to support and help improve their operations. Configure, implement and deploy this gas distribution GIS solution as a stand-alone or as a collaborative GIS solution supportive of gas, electric, water, wastewater, cable, fiber, and other utility systems.

### Key Areas of Support:

- Distribution network modelling
- Asset data maintenance
- Planimetric and topographic data management
- Corrosion control management
- Compliance management
- O&M activity tracking

## ADVANTAGES

- > Affordable, useful solutions
- > Scalable, easy to configure, easy to learn, easy to use
- > Compliance management and assurance
- > Traceability, verification, complete documentation
- > Process improvement
- > Efficiency and effectiveness
- > Increased operational awareness
- > Reduction in operating costs

**CONTACT US TO SEE HOW OUR SOLUTIONS CAN LOWER YOUR COSTS AND INCREASE PRODUCTIVITY!**