

Today's gas distribution companies are demanding smarter and more complete geospatial products that deliver business process solutions to efficiently manage their networks, reduce costs, improve customer service, and fulfill increasing compliance and regulatory requirements. GE Energy's Smallworld Gas Distribution Office solution provides gas distribution companies with a global data model and a suite of integrated applications that are fundamental to geospatial management of a full natural gas delivery network. GE Energy's Smallworld solutions provide a one source approach to further leverage your geospatial investment by reducing costly integrations, lowering maintenance costs, and minimizing multiple contact points with vendors.

Features

The Smallworld Gas Distribution Office solution provides a suite of operational, engineering, and asset management applications to enhance and improve gas distribution facility management. This geospatially-based product suite provides the framework for regulatory compliance, safety programs, facility accounting reporting, and decision support. The solution also provides a standardized gas distribution data model with a robust collection of gas-related objects for gas mains, service lines, control devices, and meters, as well as powerful network modeling functionality.

The major applications include:

- Gas Outage Analysis (Valve Isolation)
- Cathodic Protection Manager
- Leak Analysis
- Compliance Manager
- Public Awareness
- Environmental Contaminant Tracking
- Call Before You Dig Exporter
- Route Management
- Customer Usage Reporter
- Survey Point Manager
- One Call Analysis
- Dimensioning Tool
- Network & Hydraulic Analysis Interface
- Designing and Planning Option (Design Manager)
- Enterprise IT Integration

Gas Distribution Office Benefits

The Smallworld Gas Distribution Office solution allows the gas distribution companies to store asset data in one database and share and access that data from multiple locations. This provides huge business benefits by:

- Providing access to various data located throughout the organization
- Storing individuals' knowledge in one database
- Controlling and managing historical and current asset information
- Making critical data available on site or in the field
- Optimizing decisions
- Simplifying data comparison for asset management
- Easily interpreting volumes of data geospatially
- Performing network design with quality data
- Meeting regulatory, compliance, and integrity management needs with specific applications
- Properly analyzing data and easily sharing results
- Increasing process efficiency and reducing reporting time

A Complete Solution

GE understands the needs of gas utilities and offers optional add-on products to the Smallworld Gas Distribution Office solution, including mobile, workforce management and web services .



Overall Smallworld Gas Distribution Office Benefits

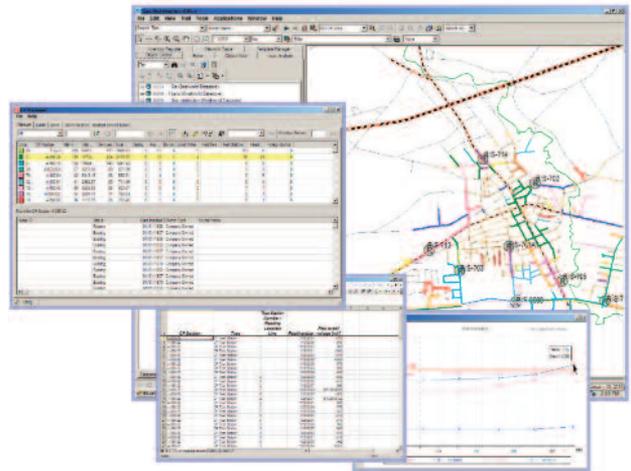
- Reduces time to “go live” by shortening the database design phase by as much as 80%
- Expedites return on investment with built-in applications that are immediately useable
- Reduces total cost of ownership with standard application code and data models that allow for minimized administration
- Satisfies regulators with applications and standard methods for compliance management and safety programs
- Ensures better informed decision making
- Meets current needs as well as future requirements with enhancements focused on customer feedback
- Delivers a fully scalable solution with long term support
- Provides a standard, smooth migration path to the future

Distribution Integrity Management

Smallworld Gas Distribution Office Product by itself provides a suite of operational, engineering, and asset management applications to enhance and improve gas distribution facility management. This geospatially-based product suite also provides the framework for regulatory compliance, safety programs, plant accounting reports, and decision support.

Smallworld Gas Distribution Office Distribution Integrity Management Product provides gas distribution companies with a powerful office, field and business intelligence solution to meet the needs of today's operational and regulatory requirements within the gas distribution industry. Distribution Integrity Management Product is here and the robust combination of these applications in Smallworld Gas Distribution Office Distribution Integrity Management Product provide the foundation and framework that gas distribution companies require to meet the challenges ahead.

Smallworld Gas Distribution Office Distribution Integrity Management Product provides a comprehensive distribution integrity decision-support solution architected to fit into a typical LDC IT environment, align with LDC business processes and support all components of federal Distribution Integrity management regulations.



Processes

Cathodic Protection Management, Engineering & Design, Replacement Planning, Leak Management

Key Features

- Current overview of all cathodic networks and CP related assets
- Manages lifecycle of cathodic networks
- Bond management providing the as-operated view of cathodic network
- Calculation of down sections
- Analysis and reporting of CP Test Station read data
- Calculates and manages 10% isolated steel service line inspections

Benefits

- All CP related data and network data in a single application, no data redundancy, all reports from a single point
- Cost avoidance of annual CP related map updates
- An as-operated view is available to all users
- Reduced time to identify and calculate down section footage
- Reduce CP reading analysis cost
- Reduces the time required to manage the random identification of isolated steel service lines

For more information visit www.gedigitalenergy.com

