



The Complete Solution for the Utility Mobile Workforce

Today and for the smart grid future



Transforming Utility Field Operations

Clevest Solutions

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Mobile workforce automation solutions exclusively for electric, gas and water utilities



We are utility specialists

We are specialists at enabling utilities to transform their field operations by rapidly automating and optimizing virtually any field work activity or process to improve response time and effectiveness.

A complete solution

Clevest offers a complete and unique solution that integrates with a utility's IT and operations infrastructure. Our software runs on an integrated handheld computer, providing the full benefits that cannot be achieved on a laptop device. We have exclusive relationships with leading advanced meter infrastructure (AMI) vendors where their configuration and troubleshooting software is embedded in our application, allowing communication with smart meters and their wireless networks. And our automatic vehicle location (AVL) solution interoperates with our proven mobile workforce management product to support map-based work assignments and empower both field workers and operations staff.

Scalable from thousands to millions of meters

Over 100 electric, gas and water utilities worldwide have chosen Clevest, from some of the world's largest to many rural electric cooperatives. We provide a scalable solution for small- to medium-sized utilities as well as for the smart grid environment, including deployment and post-deployment activities on a single handheld computer.

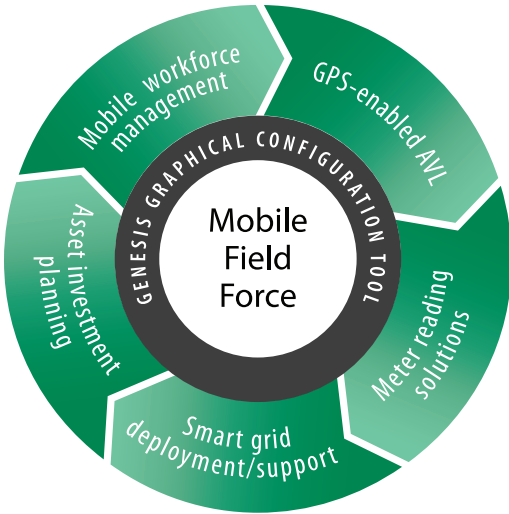
Working with utility industry technology leaders

Clevest partners with utility industry technology leaders in innovative and fundamental ways to extend the value and functionality of our customers' technology solutions. Our partner relationships ensure the cooperation necessary for our software to interoperate with third-party systems and technologies that make up a coherent solution that addresses utility requirements and enhances the value we provide. Our diverse group of partners allows us to offer more choices and best-in-class technology. And the open standards approach taken by Clevest addresses the need for a fully integrated field operations software suite capable of extending the reach of a utility's critical operations support systems into the field.

The Clevest Product Suite

Flexible, repeatable and easy to deploy solutions

Clevest's product suite is powered by Mobile Field Force, our mature and configurable software platform built to meet the needs of the evolving utility industry. Our solutions rapidly integrate with a utility's existing enterprise IT system and are configurable with minimal effort using Genesis, our patent-pending graphical configuration tool. Each module can be installed separately or integrated with other modules to meet your needs and budget.



Our product suite includes:

- > CLEVEST Mobile Workforce Management
- > CLEVEST Automatic Vehicle Location
- > CLEVEST Smart Grid Deployment and Support
- > CLEVEST Meter Reading
- > CLEVEST Asset Investment Planning

CLEVEST Smart Grid Deployment and Support

Manage the smart grid lifecycle

Daily meter exchanges are increased, preventable data errors are eliminated, route optimization is achieved, worker safety and efficiency are improved, and customer disputes are prevented — allowing you to deploy with fewer resources and in a shorter time frame

Key components

- > Mass meter deployment
- > Integrated smart meter diagnostics
- > Host interface flexibility
- > Site surveys
- > Audits
- > Field investigates
- > Meter access tracking
- > Inventory management

Clevest supports the complete smart grid replacement lifecycle, from planning and deployment to post-deployment support and troubleshooting. We are partnered with leading smart grid technology providers and deployment vendors and have exclusive relationships to embed meter provisioning and troubleshooting tools directly into our software for use with a single handheld computer.

We have integrated all the tools necessary to streamline the advanced meter infrastructure (AMI) deployment process and support regulatory reporting. Every step of the meter exchange process is documented and the data collected is accurate and verified, providing a complete audit trail of all smart grid deployment activities.

CLEVEST Mobile Workforce Management

Automate virtually any utility field work activity



Response times to outages and other field work requests are improved, while productivity, safety, accuracy and customer service are increased

Key components

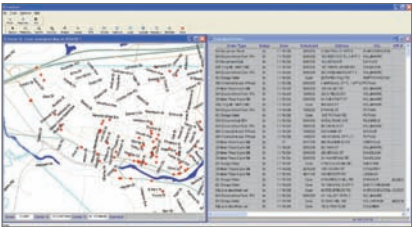
- > Integrated AVL
- > Dispatch and mobility
- > Scheduling
- > Street level routing
- > Reporting
- > Host interface flexibility

CLEVEST Mobile Workforce Management was specifically built around the needs of utility operations to address the rapidly transforming electric, gas and water industries. It is a complete solution providing actionable information that leads to informed decision-making, improving your field and office operations.

Our configurable mobile workforce management software is fully GIS integrated, providing real-time visibility into your field work activities and assets. All field workflow information and tools are integrated onto a single mobile computer, eliminating the need for multiple devices. By linking field workers with mobile supervisors and the dispatch center in real-time, both operational decisions and efficiency are improved.

CLEVEST Meter Reading

Manual or automated utility meter reading



Field worker productivity is increased, and data collection quality, billing accuracy and fraud detection are improved — all while gaining access to hard-to-read meters

Key components

- > Meter reading
- > Automated route control
- > Dispatch from AVL map
- > Scheduling
- > GPS meter location
- > Optical probe
- > Multiple AMR options

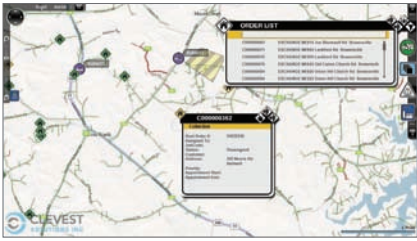
CLEVEST Meter Reading is a configurable enterprise solution that manages manual or automated meter reading, meter-related service orders and collection activities. Our solution includes a proven automated route control system that manages meter reading routes, and provides a GIS mapping option and a real-time dispatching tool for work orders.

We provide you with choices in ruggedized collection devices, all of which can read Itron ERT, Neptune R900G and L+G Airpoint endpoints. Handheld and tablet devices also support optical probing for interval data capture as well as the ability to capture GPS coordinates.

Clevest works with your existing file layouts, eliminating the need for IT groups to re-write interfaces and providing significant IT resource savings. And we support hundreds of service order types, including exchanges, installs, collections, CTVT (current transformer/voltage transformer) work, investigates and meter installs, exchanges and removes.

CLEVEST Automatic Vehicle Location

Create real-time visibility into your field operations



Safety and productivity of field operations are increased, outage response time is improved and fleet costs are controlled, while fuel consumption and emission reductions are reduced to support green fleet initiatives

Key components

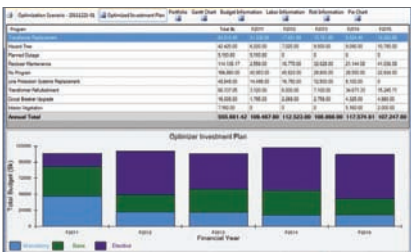
- > Utility-specific AVL
- > GIS overlays
- > Integrated MWFM
- > Geofences and alerts
- > Reporting
- > Deployment options
- > MultiSpeak certified

Clevest has created a configurable, GPS-enabled automatic vehicle location (AVL) decision support tool specifically for the utility industry. Our AVL solution correlates GPS information about the location of mobile resources with a utility's asset infrastructure and integrates with our mobile workforce management product to support map-based work assignments.

Clevest's AVL is fully integrated with the ESRI GIS to provide accurate information on the location of a utility's assets and mobile personnel as well to manage driver behavior. And our AVL software can be installed within a utility's enterprise or hosted by Clevest.

CLEVEST Asset Investment Planning

Optimize investment decisions for asset lifecycle management



Satisfy network reliability and capital investment demands while reducing business risks

Key components

- > Asset portfolio optimization
- > Investment planning analysis
- > Optimize capital and OpEx planning
- > Long-term resource planning
- > General tariff application
- > Investment strategy development

Clevest's asset investment planning (AIP) solution, REVEAL, provides enterprise-class software solutions that connect corporate objectives with engineering imperatives to optimize capital investment plans for asset lifecycle management. REVEAL links information about historic performance, asset health and calculated risk to enable decision-making that is aligned with the requirements of stakeholders and regulatory bodies.

Our solution elevates AIP well above typical implementations of new information systems that statically prioritize assets and offer limited visibility. REVEAL dynamically scrutinizes asset performance and lifecycle data against corporate objectives encompassing ROI, reliability, safety, reputation, environment and growth. Fully leveraging existing data sets and asset/work management programs, REVEAL mitigates risk and drives prioritization to new analytical levels as it accurately charts end-of-life curves and provides multiyear rolling plans to add, replace and/or renew critical assets.

Why Clevest Solutions?

The Clevest team are experts at mobile workforce automation for utilities. We have a long and successful track record of creating, deploying and supporting solutions around the world. Our broad knowledge and experience lets us rapidly respond to the changes that are transforming the utility industry today and produce a complete product suite designed exclusively for utility work types.



“Clevest is a world leader in smart meter deployment software. This means that smart meter installation throughout BC will be supported by the best technology available to provide important and timely information to keep us on schedule, safe and confident in the security of data.”

- Gary Murphy, BC Hydro

“Clevest has proven to be a reliable meter reading solution. The customer service and technical support is second to none.”

- Bryan Petry, Mountaineer Gas Co.

“Clevest has helped us respond faster and more accurately to incidents in the field. Through the seamless integration of Clevest with our other systems, Blue Grass Energy Cooperative has been able to increase efficiency in field operations and improve customer service to serve our members.”

- Ken Cooper, Blue Grass Energy Cooperative Corporation

“Clevest Solutions has demonstrated that their technology addresses the specific needs of workforce management, smart grid deployment and post-deployment functions within the utility industry. We believe that Clevest truly understands the unique challenges related to smart grid technology implementations and sustainment.”

- David DuCharme, Capgemini Smart Energy Services



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