

# Drive Digital Transformation with Locana Solutions and Services for Utilities

*Eliminate silos, optimize operations, and deliver customer value with modern geospatial capabilities*

## Unprecedented challenges. Unlimited opportunities.

Today energy companies face an unprecedented number of industry challenges. From clean energy mandates to grid modernization and distributed generation, increased demand and competition, and extreme weather, market forces encourage more companies to embrace digital transformation. Yet many executives struggle with questions such as:

- How can I modernize without disrupting operations?
- How do we develop a seamless IT ecosystem?
- How can I reduce geospatial complexity?

So how can companies develop into an intelligent enterprise that improves decision making throughout the organization? The answer—modern GIS. When a company moves from departmental solutions to a spatially enabled enterprise, it connects siloed systems, applications, and data. Business users across departments no longer make decisions in isolation using disparate databases. Instead, they gain a timely, accurate, and complete view of data using a spatial context. And they can access advanced location analytics to ask questions and translate data into insights.

Modern geospatial capabilities enhances systems, including enterprise resource management (ERP), enterprise asset management (EAM), work order management, advanced distribution management systems (ADMS), building information modeling (BIM), and more. It geo-references every piece of business information, allowing staff to include mapping and location intelligence into workflows. As a result, you optimize asset performance, minimize service disruption and downtime, develop new business models, and deliver exceptional customer experiences. You transform into a data-driven organization with unlimited opportunities.

## Utility business challenges

- New clean energy and net-zero carbon mandates
- Evolving regulatory and reporting requirements
- Legacy business systems combined with departmental GIS
- Knowledge transfer from aging workforce
- Modern safety and security requirements

### Modernize your GIS for a connected enterprise

With modern GIS, utilities can innovate and streamline every aspect of the business. You can upgrade your network to provide safe, reliable customer service using an authoritative geospatial digital twin, which presents a more accurate version of the network that includes behavior and physical characteristics. Operations staff can connect to live data feeds, such as weather and traffic, to monitor and analyze real-world relationships with the network. Service staff can answer calls using a real-time operational map view; and public-facing web maps create a self-service channel for customers.

Engineers can model network behavior using an intelligent smart grid. And they can leverage advanced predictive modeling, real-time data, sensor integration, imagery, and 3D simulations for sophisticated analytics. In addition, exploiting big data, IoT, artificial intelligence, and machine learning becomes a more efficient process. With a complete GIS data model, you dramatically improve network editing, expanding connectivity, and scaling to any size.

Mobile GIS improves utility field services. Field crews can access an intuitive mobile mapping solution to complete work in both online and offline and with zero training. Map interfaces make it easy to access information remotely, including in-app navigation menus to move between GIS and field service applications like SAP Asset Manager and Salesforce Field Service. Field staff can view GIS data, initiate workflows, and complete work orders without copy/paste or manual app-switching.

With more advanced location-based tools available, including maps, apps, dashboards, and reports, personnel perform tasks using fewer resources and less time. The result is smarter, faster, and more cost-efficient work across departments, including:

- Design and engineering
- Grid management
- Vegetation management
- Leak management
- Safety and compliance
- Network monitoring
- Supply chain and logistics
- Field operations
- Emergency response
- Customer care

### Partner with a leader in location solutions

With decades of experience, Locana has helped electric, gas, water/wastewater utilities worldwide transition from legacy software to fully integrated, modern GIS. Take advantage of a geospatial solutions and services leader with a track record of proven implementations built on experience and innovation.

### The benefits your business gains

- Develop new business models
- Optimize operations
- Increase transparency and communication
- Boost service reliability
- Improve employee and customer safety

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EVERYTHING LOCATION

To learn more about how Locana can serve your utility needs, visit [locana.co/utilities](https://locana.co/utilities).



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