



Utility Solutions

Generate real business value with enterprise GIS solutions powered by NAVTEQ® map data.

ACHIEVE A HIGH RETURN ON YOUR INVESTMENT. NAVTEQ provides reliable, accurate map data for location-based utility solutions. With the incorporation of NAVTEQ map data into enterprise applications, utilities can more efficiently manage their assets—both fixed and mobile. Location-based utility solutions can help you achieve real results including lower operating costs and improved customer service. Additionally, the inclusion of NAVTEQ maps together with enhanced data layers can help utilities make more informed decisions regarding future business needs.

Fixed Assets:

- Gain a comprehensive view of power lines, gas mains, poles, towers and other assets to better manage their location in relation to the ground truth and improve decision making in the field
- Optimize asset maintenance and upgrade scheduling to help control capital costs and improve efficiency
- Analyze and plan for future asset requirements in new and growing service areas

Mobile Assets:

- Respond faster to outages, emergencies and other customer requests with optimized field service deployment
- Leverage NAVTEQ content such as speed limits, point addresses, Points of Interest and traffic to help manage driver performance
- Reduce operating costs by more efficiently utilizing personnel and mobile assets

THE BENEFITS BEGIN WITH THE NAVTEQ MAP. Realizing the benefits of a location-based utility solution requires the foundation of accurate, up-to-date maps. Built using proprietary, multisensor GPS technology and verified in the field by over 700 geographic analysts, NAVTEQ provides the fresh and comprehensive map data needed in the utility industry.





EMPOWERING UTILITIES WITH ENHANCED DATA LAYERS. NAVTEQ also provides a suite of data layers that offers a unique value for utilities:

Point Addressing

A database of over 50 million point address records provides precise geospatial accuracy, routing and to-the-door destination arrival.

NAVTEQ Parcel Boundaries™

A database supplying over 75 million parcels that provides better visualization of land boundaries for location intelligence analysis.

NAVTEQ Traffic™

Real-time, nationwide, streamed traffic flow conditions and incident information sourced from proprietary sensors and probe data that are validated for accuracy.

NAVTEQ Traffic Patterns™

A database of average traffic flow velocity for specific sections of road, georeferenced to the NAVTEQ map database and Traffic Message Channel (TMC) allowing for predictive route planning based on historical references.

NAVTEQ Census™

A database of United States demographic boundaries that enables lifestyle and population analysis including geomarketing and site selection.

Zip Code Boundaries and Zip +4 Centroids

A database used for geocoding support, territory generation and geomarketing applications. Zip code boundaries (5-digit zip code) and Zip+4 Centroids (9-digit zip code) represent the boundary and center point of the most current zip codes in the United States

Telecom for NAVSTREETS®

Seven telecommunication layers aligned to the NAVTEQ map that include linear infrastructure, point locations and telecom-specific administrative boundaries.

Extended Listings

A database of over 13 million high value Points of Interest (POIs) grouped into 82 categories. The Utilities category provides areas of interest including High Consequence Areas (HCAs), water supply sources and electric power services.

Location-based utility solutions and NAVTEQ—it's a road you can trust.

NAVTEQ® Map Data The foundation for location-based utility solutions:

- Asset management and tracking
- Automatic vehicle location (AVL)
- Call before you dig hotline
- Customer service
- Dispatch and routing
- Emergency response and disaster recovery
- Mobile resource management
- Network operations and monitoring
- Network planning and design
- Optimized workflows
- Predictive analysis and modeling
- Territory alignment
- Waste collection and processing

Serving the Utility Industry

- Electric
- Natural Gas
- Petroleum
- Pipeline
- Telecommunications
- Water Works/Sewer/Storm Water



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