

Maptuit[®]

Server[™]

Fact Sheet



Maptuit provides a comprehensive suite of web services that will enable you to quickly and cost-effectively deliver location-based and tracking services. Built on top of the industry's most comprehensive models of the road network of North America, Maptuit's core services power mission critical applications in the trucking, tracking and traffic reporting markets.

Foundation Features

Maptuit's provides high-performance location-based services with street-level coverage of Canada, Mexico and the United States. Operating as an ASP, Maptuit provides foundation services to pin point locations using both street addresses and coordinates, draw detailed street-level maps, calculate the most efficient route and directions to any destination, and to find all conveniences within a given proximity.

Geocoding

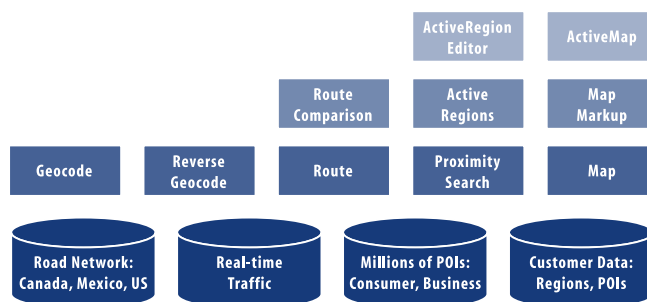
- Street address, zip code, registered name
- Geocode to any level: state, city, road, intersection, point-of-interest or specific address
- Interactive workflow to narrow in on result
- Postal information: Zip+9
- Association with the road network

Reverse Geocoding

- Find full postal address of passed latitude/longitude
- Association - snap to defined class of roadway
- Report nearest cross-road
- Report all alias names of roadway

Mapping

- High performance, variable scale
- Detailed street level maps
- Markup - icons or polygons; control over opacity
- Customer points of interest, or use built-in
- Overlay routes or route corridors



Route & Directions

- Highly configurable
- Mode of Use: walking or driving
- Point-to-point or multi-point sequencing
- Easy to follow: minimal decision steps, road name compression
- Written or spoken

POIs & Proximity Searching

- Built-in or customer supplied POIs
- Additions and modifications are easily managed through web-based LocationsManager
- Route based "true-cost" searching
- Find nearest fixed POI, find closest moving asset

User Interface Components

- ActiveMap - cross-browser mapping component features tooltips and custom markup
- HTML & cgi clients
- "Store locator" application available
- Easy to integrate XML-based API

Advanced Features

Maptuit's advanced services build upon and combine the foundation services to provide advanced geospatial, routing and traffic services.

Integrated Geospatial Services

- User created features (points, lines, polygons) stored in named layers
- Integrated with mapping and routing services – automatically create features from routes or locations
- Test points against lists of layers to implement geofencing

Route Comparison[†]

- Compare actual routes against planned
- Determine out-of-route and out-of-schedule

Advanced Routing

- Fuzzy routing from ambiguous origins
- Class 7 & 8 specific routing
- Favor or avoid specific roads using the web-based RoadManager application
- Calculate miles per state to support fuel tax applications

Real-time Traffic[‡]

- Real-time traffic information for 70 metropolitan areas
- Incidents integrated into direction steps
- Alternative routing to avoid incidents

Web Services You Can Depend On

Since 1999, Maptuit has provided high-availability web services out of redundant data centers. Maptuit's experienced customer support team is available to accelerate the deployment of your application with documentation, examples and advice.

Coverage & Additional Data

Maptuit's road network coverage includes Canada, Mexico and the continental United States. The road network in the United States and Canada is navigable. Maptuit separately licenses access to its routing system configured to support the needs of Class 7 & 8 heavy trucks.

Pricing

Starting with an annual service fee, Maptuit Server pricing is based on the combination of features you select, the coverage area you desire and the number of transactions you perform. Please contact Maptuit with your requirements for a competitive pricing proposal to fit your projects needs.

Contact Us

Please call your nearest Maptuit office or send an email to sales@maptuit.com

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