



Cotares Highlights

November 2015

Company Offerings

Highly configurable and fully featured efficient standalone Routing Service

Patented Next-Generation navigation techniques

- Route Prediction

- Familiar Routing

- Choice Routing™

Specialist routing and map-based consultancy

- HERE, TomTom and OSM maps

Vehicle Track Matching and Analysis

- Points-Lines, Lines-Lines

- Map-Independent Location Referencing (Agora-C)

- Route Transfer, Traffic Incidents

Fully Integrated InterModal Routing

- Controls Third-party Public Transport Planners

Routing Service Features

Optimised for server deployment, Windows Communication Foundation Interface

Efficient Load-Balancing across multiple Servers with Real-Time System Monitoring

Shared memory model for efficient multi-core router execution

Data localisation reduces cache and memory bandwidth

C•O•T•A•R•E•S

Powerful visualisation, analysis and debugging features, including interactive desktop commands

Very high quality dependable routing choices generated efficiently in a single pass

Highly configurable and adaptable algorithms

- Customised Cost Functions (several Green ones)

- Many routing models

- Performance trade-off controls

- Dynamically selectable Cost Models

Many output formats

- Links, Points, KML, Agora-C, Google Polylines

- Waypoints for legacy Nav Systems, Route Transfer

Extensible to a full world map

High Quality Routes across OSM maps thanks to custom Camvit Functional Classes

Fully time-dependent

- Historical speeds with no route calculation time penalty

- Tagged real-time speed and closure time profiles

- Uninterrupted routing services during frequent updates of these profiles

- Validity Periods for Prohibited Manoeuvres

- Local (and global) routes around traffic incidents

Avoid and report back for many attribute types (use of freeways, tolls, ferries etc.)

Handles Via points in and Waypoints out

No Through Roads and Restrictions handled sensibly