



S P A T I A L

May 2012
Oracle Spatial User Conference

A horizontal red banner with a background image of a map showing street names like "Cherrydale", "Lyon Village", "Colonial Village", "Rosslyn", "Dominion", and "Radnor Heights". Overlaid on the map is the text "Oracle Spatial User Conference" in a large, white, sans-serif font.

Oracle Spatial User Conference

May 23, 2012
Ronald Reagan Building and International Trade Center
Washington, DC USA



2012 Oracle Spatial Excellence Awards Presentation



Thanks To Our Sponsors



Spatial Business Systems, Inc.



Exploring the World
of Remote Sensing





Education and Research: Technical University of Berlin



Institute for Geodesy and Geoinformation Science

- Lead in developing CityGML standard
- Mapped UML model to Oracle Spatial (geometries, raster)
- Data model available as open source
- Validated approach in various projects, (City of Berlin, Germany)



<http://www.3dcitydb.net>



Education and Research: Technical University of Berlin

Institute for Geodesy and Geoinformation Science



- CityGML used in Germany, Switzerland, The Netherlands, USA, ...
- Many 3rd party implementations
- See Presentation at 4:00-4:30pm, Track B, “Deploying 3D City Models for Urban and Metropolitan Planning”
- Javier Herreruela, Senior Developer, IGG, U. Berlin



Innovator: Istanbul Metropolitan Municipality



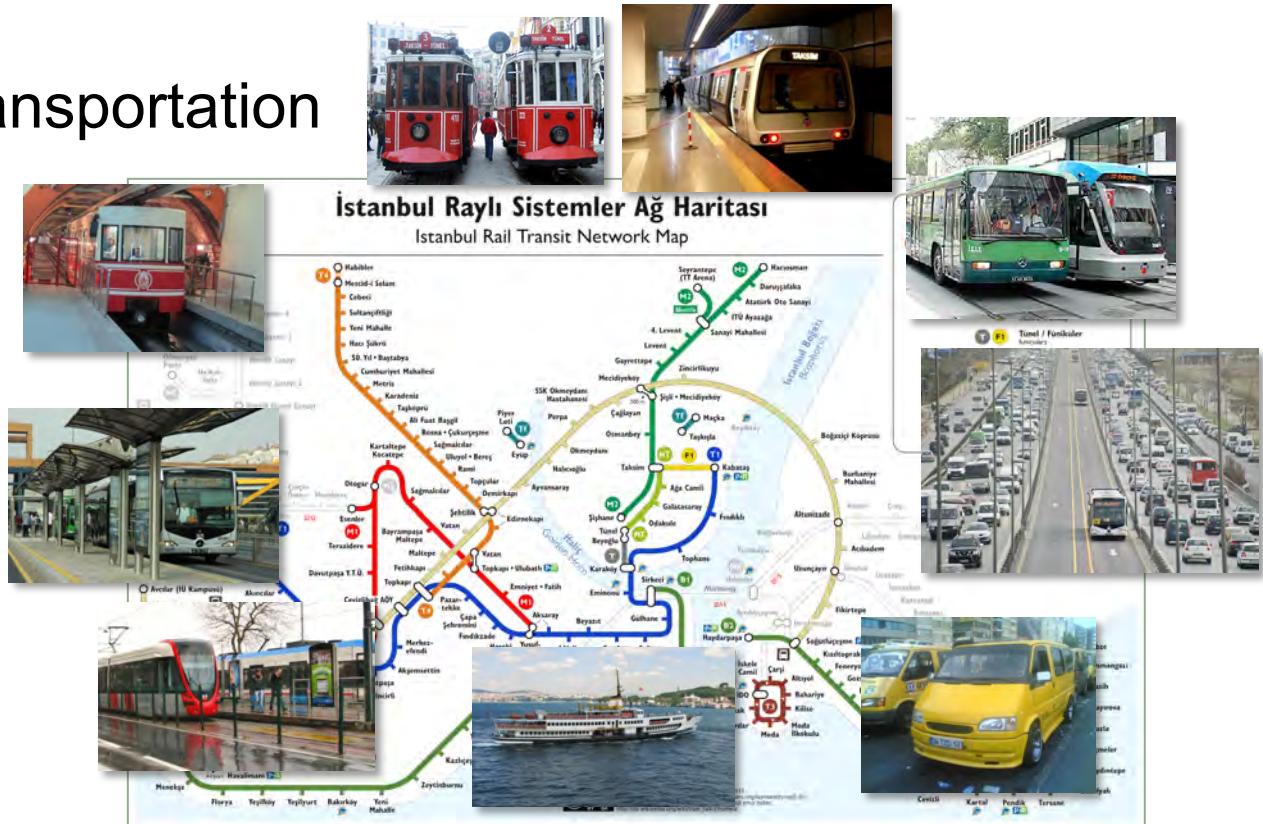
- Istanbul is the 3rd largest metropolitan area in Europe
- Over 13 million population and growing
- Spread over Europe and Asia
- Transportation is a challenge



Innovator: Istanbul Metropolitan Municipality



- Many modes of transport
 - Buses
 - Tramways
 - Metro
 - Trains
- But also
 - Ferries
 - Private mini-buses
 - Shared taxis



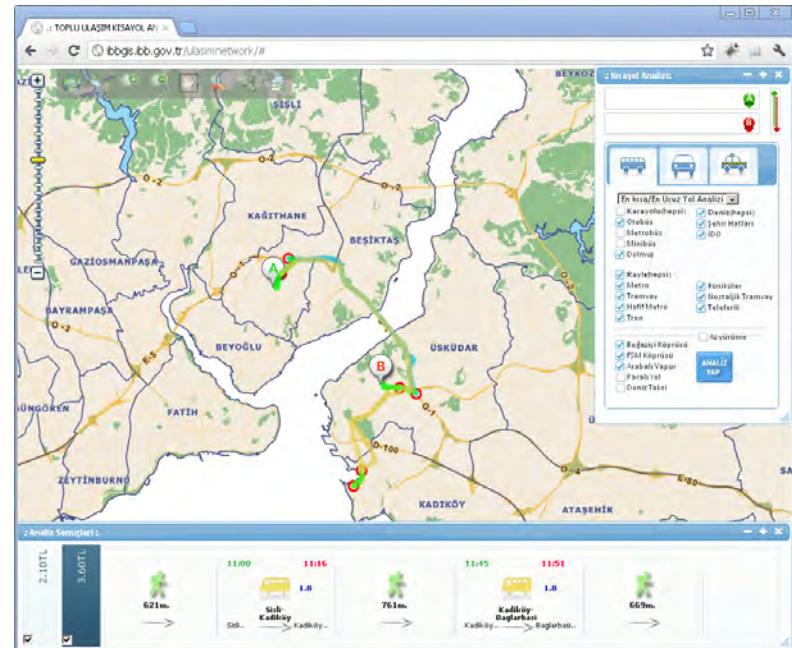


Innovator: Istanbul Metropolitan Municipality



Multi-Modal Routing Application

- Public service (web/mobile)
- Guidance for optimal route considering all transportation modes.
- Integrated network combining data from multiple agencies
- Also road network for interconnection
- Includes timetables and costs
- Uses Oracle Spatial Network Data Model

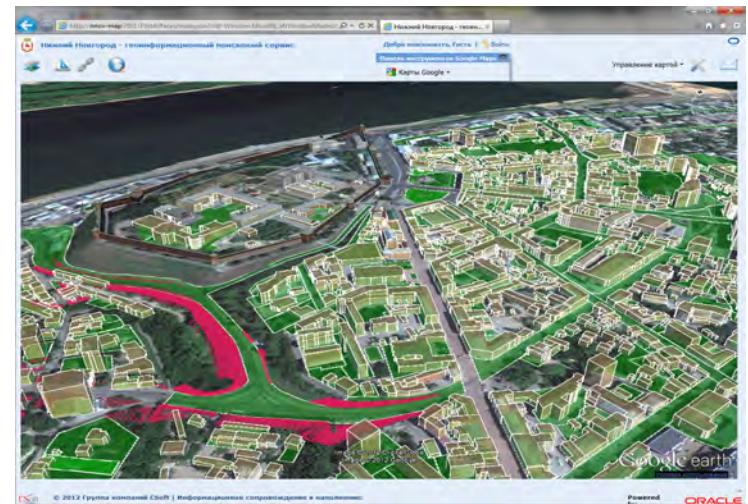




Partnership: CSoft group



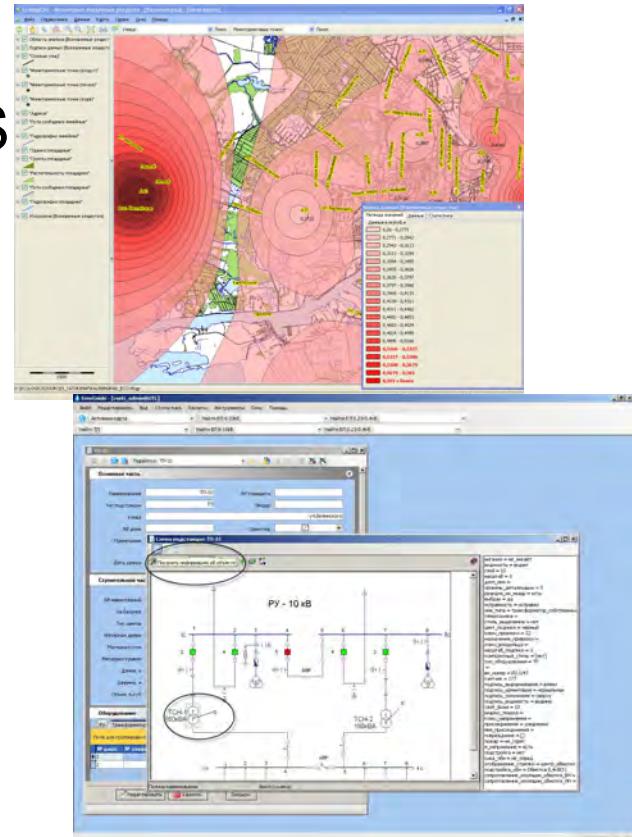
- About CSoft group
 - Largest Russian system integrator and consultancy provider in CAD/GIS
 - 21 regional branches, 600+ employees, 60+ units in proprietary software tools portfolio
 - various vertical solutions (urban development, utilities, road planning, etc.)





Partnership: CSoft

- Multi-level distributed urban GIS (CS MapDrive, CS UrbanView)
 - Centralized database for multiple municipalities/regions- raster, vector, documents, meets Russian fed. Regulation
 - Decision support for municipal/regional authorities, Web portal for citizen access
 - Supports utilities, environment, transportation





Partnership: CSoft group

- Key customers/projects include SP GIS for Russian regions and cities
 - Kaliningrad region – won ‘Best project of the RF Federal level’ award at all-Russian IT Awards in St-Petersburg (2009)
 - Tyumen region – won ‘Best project of the regional level’ (2008)
- Alexander Stavitsky, CEO and head of the GIS department, CSoft group
- Presentation at 3:30-4:00pm, Track B, “Multi-level distributed Oracle-based Urban GIS: Implementations in Russia”



Partnership: OSCARS



- Provides consultancy/training in Europe (France, Belgium, Luxembourg)
- Focused on Oracle Spatial/MapView technologies
- Founded in 2004 by Olivier Dubois
- Deliver Oracle University training throughout Europe
- Oversight committee member for new Oracle PartnerNetwork Spatial Specialization



Partnership: OSCARS



- Customer references and innovative implementations
 - Aéroports de Paris (Paris Airports)
 - Vehicle track and trace, Business Intelligence. Plans for CEP
 - Lille Metropole (France)
 - Custom geocoding
 - Walloon Region (Belgium)
 - GeoRaster, Study exploring point clouds/TINs/3D building modeling with Spatial)
 - Web-services and Inspire



Special recognition

- For their contributions to the Oracle PartnerNetwork Spatial Specialization launch
 - Olivier Dubois, General Manager, OSCARS
 - Steve Pierce, CEO, ThinkHuddle