May 23, 2012
Ronald Reagan Building and International Trade Center
Washington, DC USA
2012 Oracle Spatial Excellence Awards Presentation
Thanks To Our Sponsors
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 transportation
  – 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/MapViewer 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