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May 2012
Oracle Spatial User Conference

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Oracle Spatial User Conference

May 23, 2012

Ronald Reagan Building and International Trade Center

Washington, DC USA

Jayant Sharma

Director, Product Management

Oracle MapViewer in Applications and Tools

Program Agenda

- MapViewer Overview
- Maps in Applications
- Maps and Development Tools

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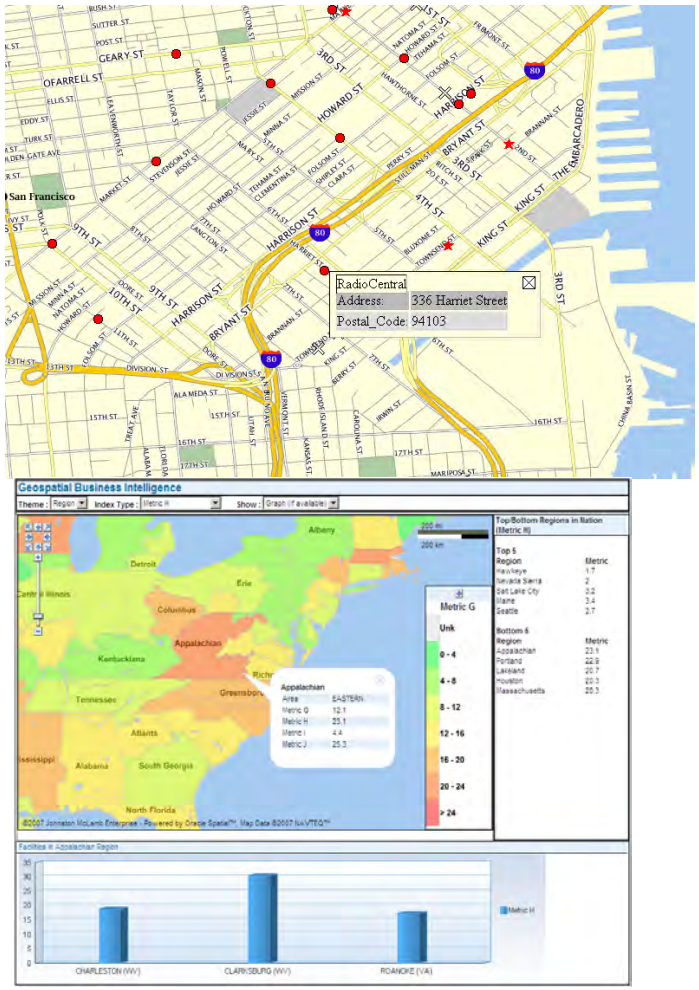
Oracle MapViewer

A standard feature of all Oracle Fusion Middleware editions

- Standards-based J2EE and Java Server Faces component
  - XML/HTTP, Java/AJAX
- Publish spatial data to the web
- Map and feature cache provides smooth scroll (pan, zoom)
- Rich Java, XML, JavaScript APIs provide client side interactivity
- Centrally managed map definitions, symbology, and styling rules



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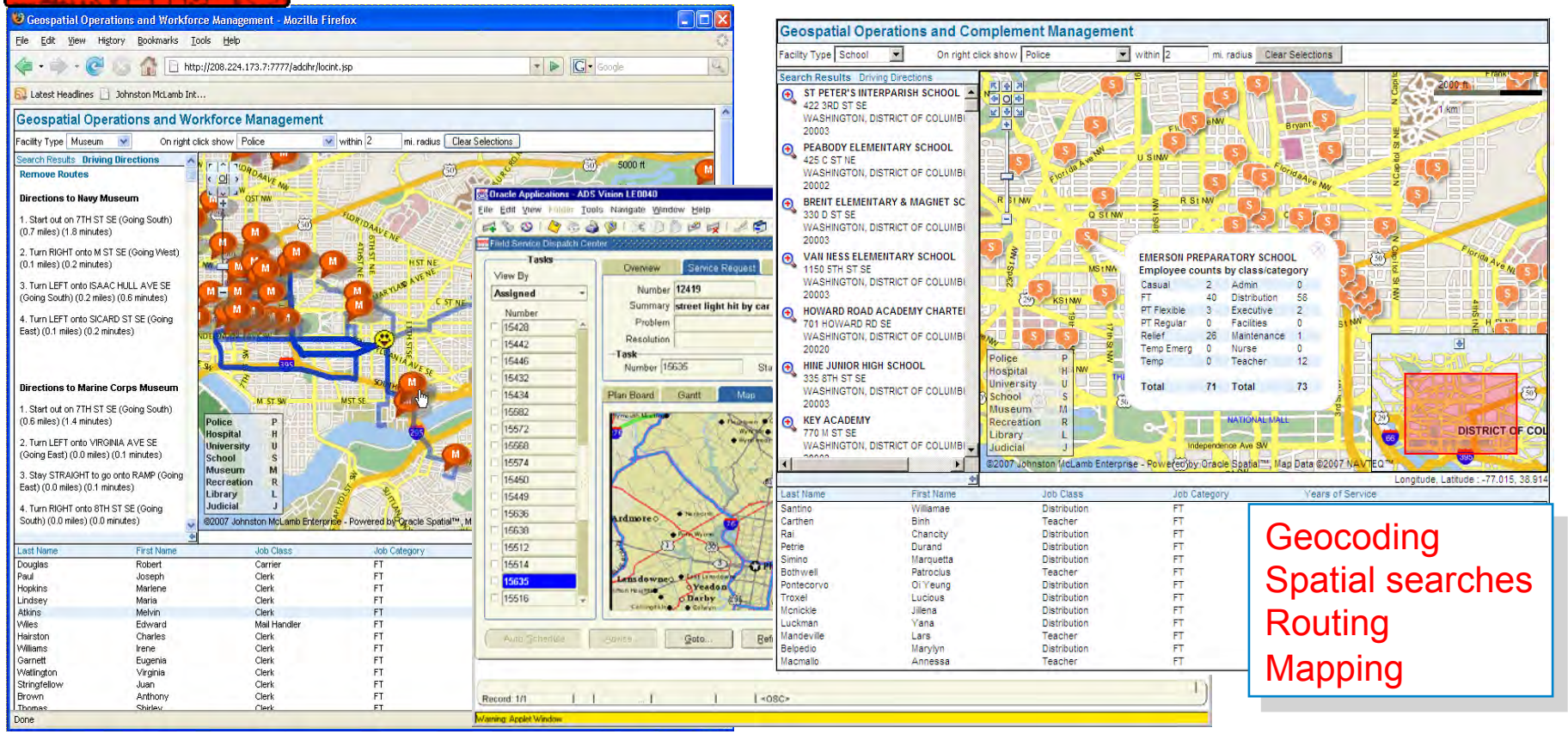
Map-Enriched Business Applications



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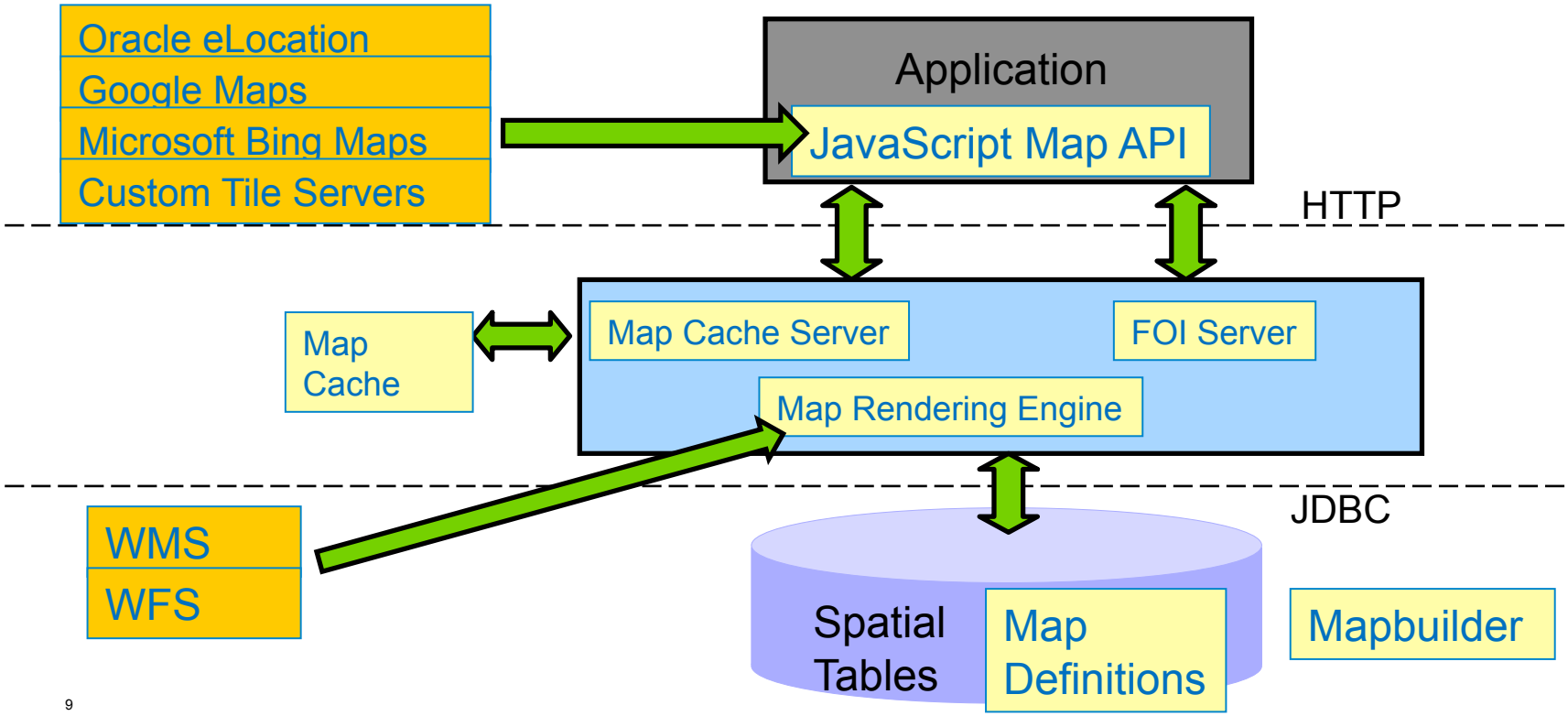
Integrating External Data Sources



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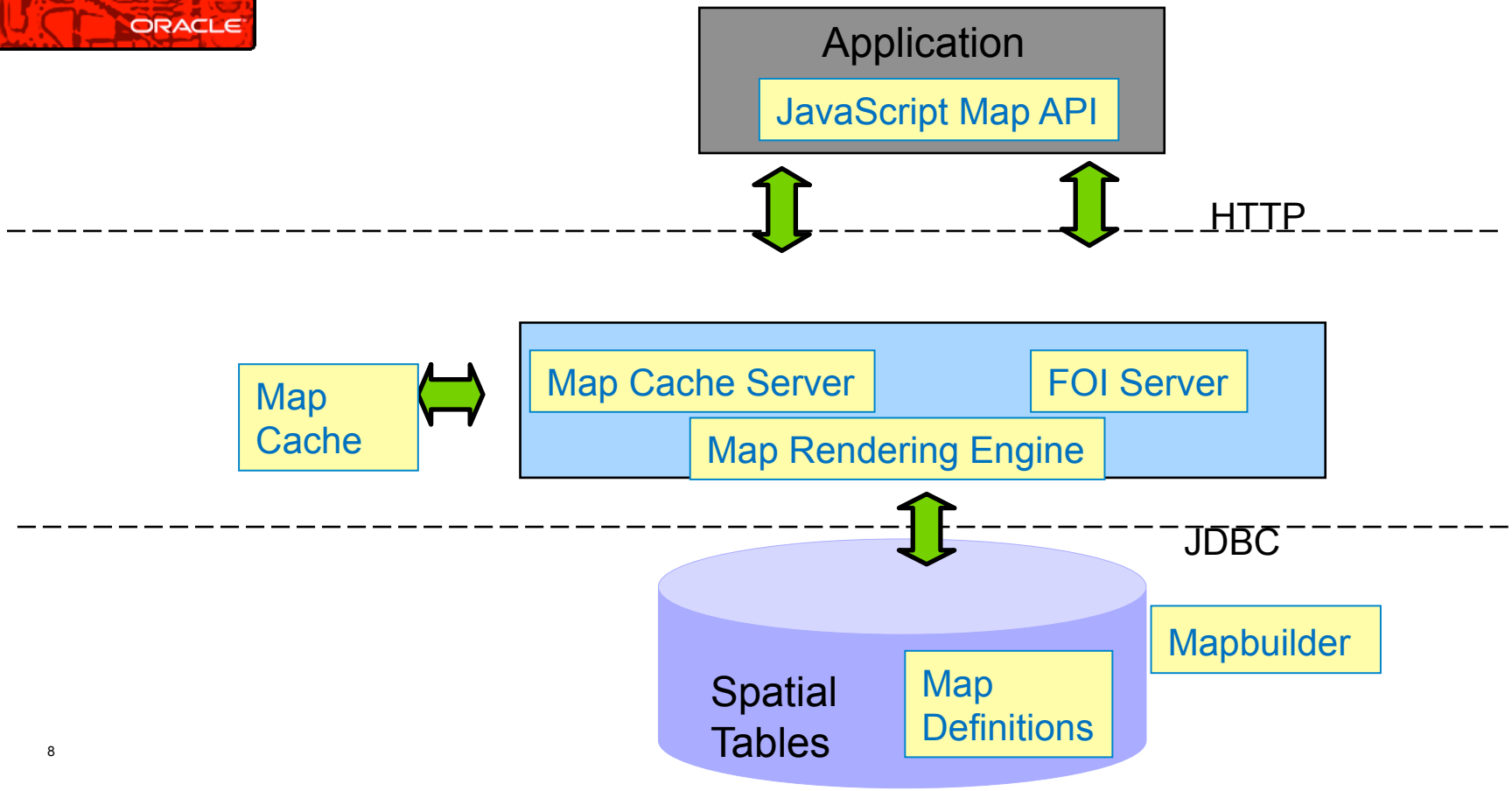
MapViewer Architecture



MapViewer in applications & tools

- Enterprise Applications
  - Transportation
  - Utilities
  - Comms
  - Healthcare
- Development Tools
  - JDeveloper
  - APEX
  - WebCenter
  - SQLDeveloper
- Business Intelligence/Analytics
  - OBIEE
  - CEP

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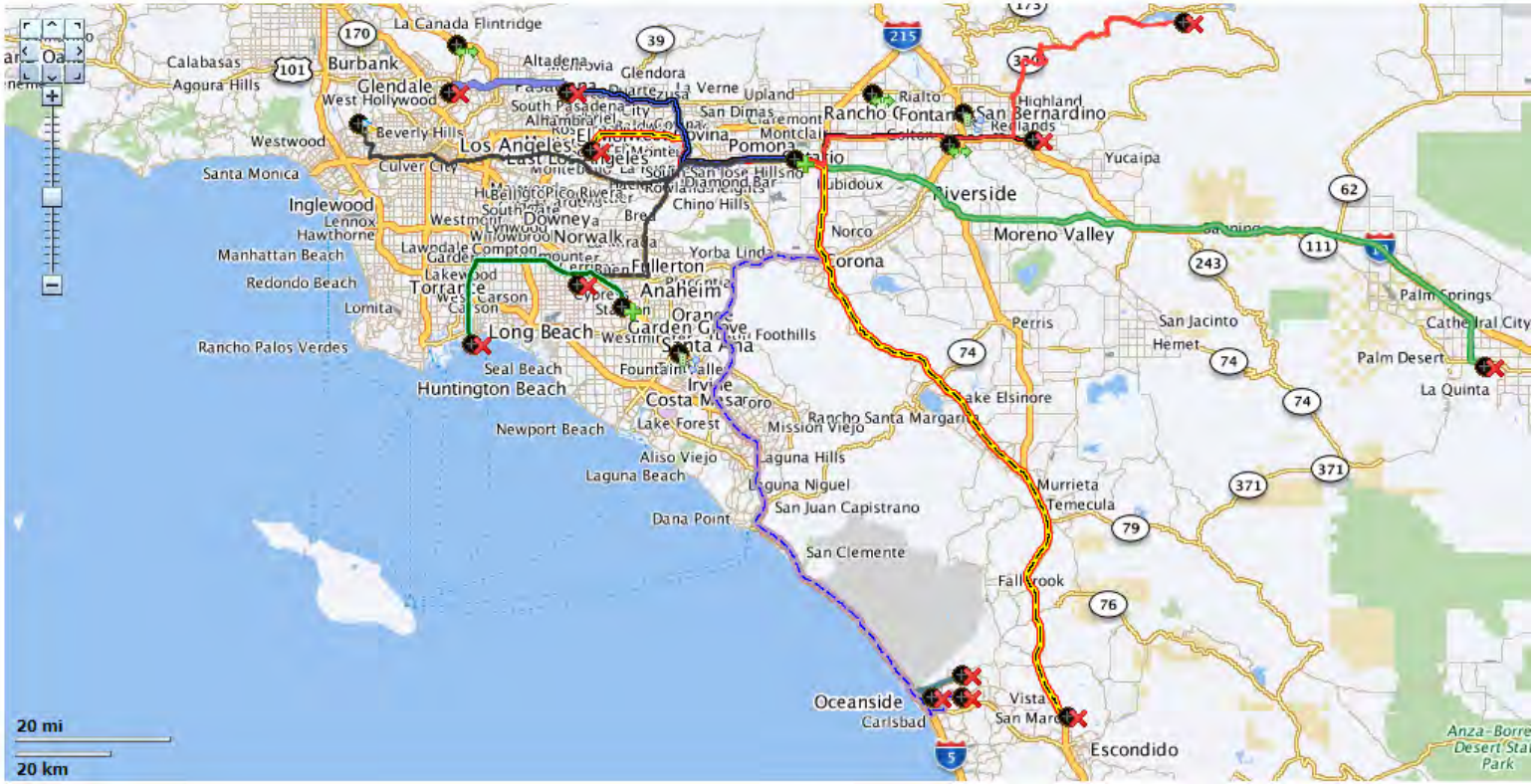
Oracle Transportation Manager

Map Order Release Shipment Routes



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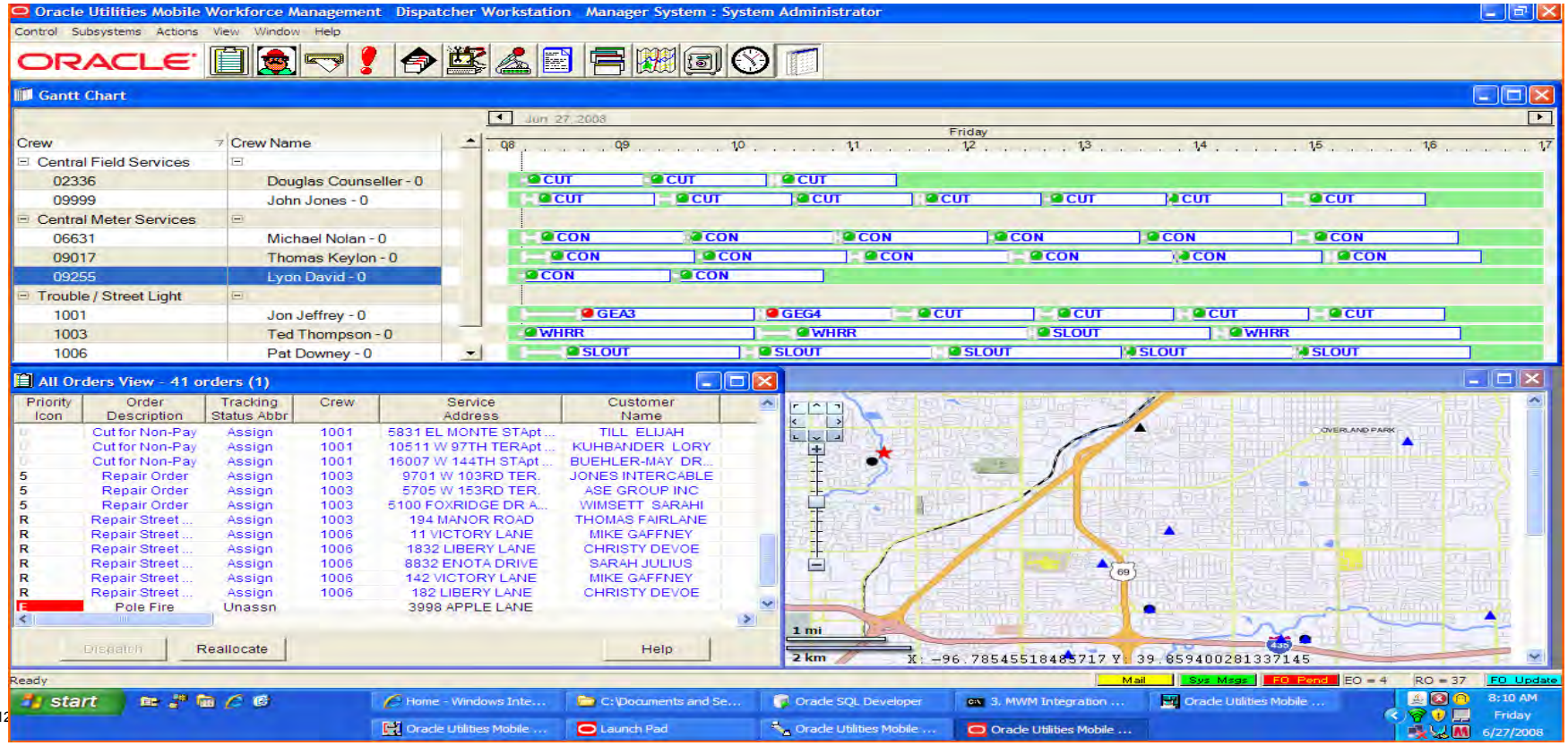
Utilities Mobile Workforce Mgmt



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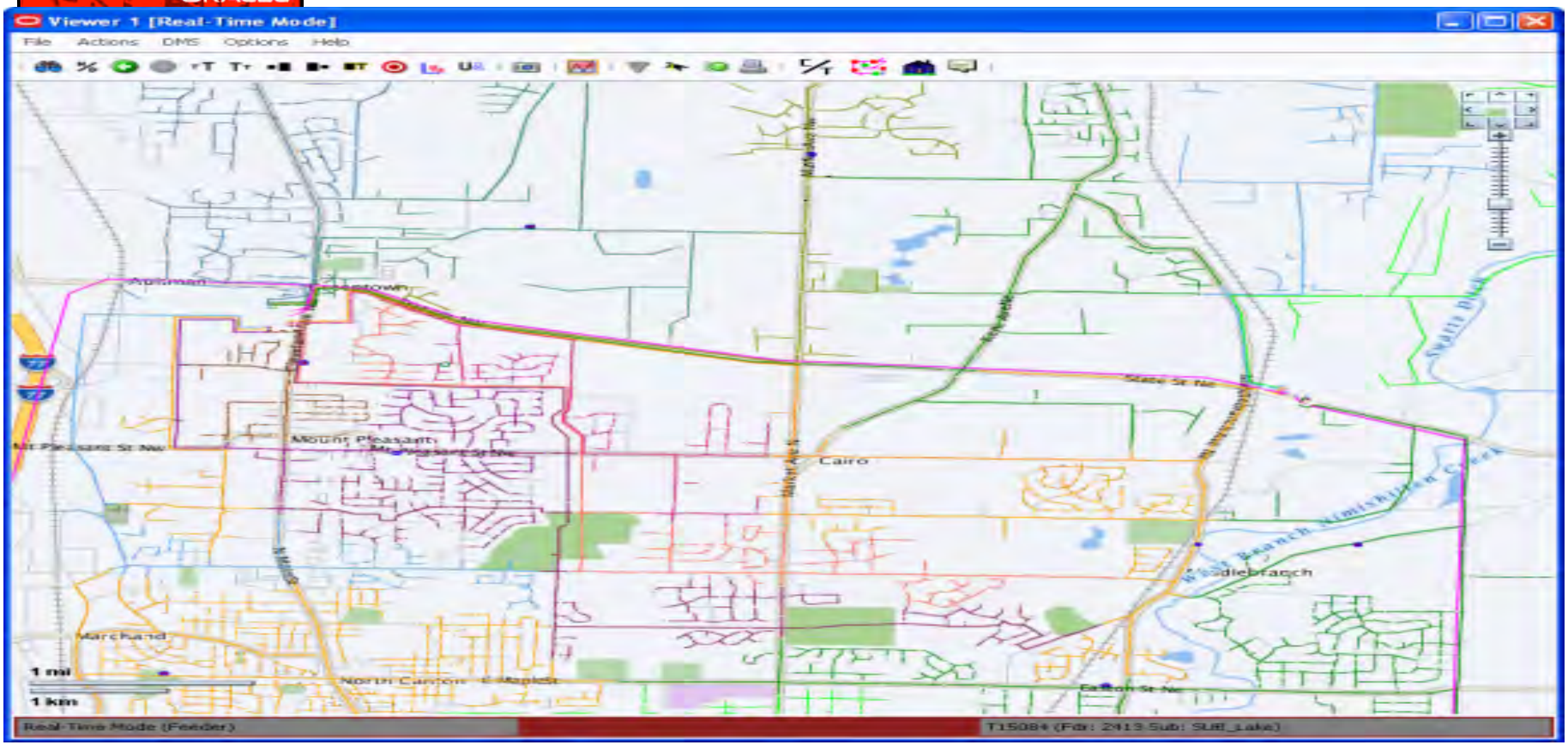
Utilities Network Mgmt System



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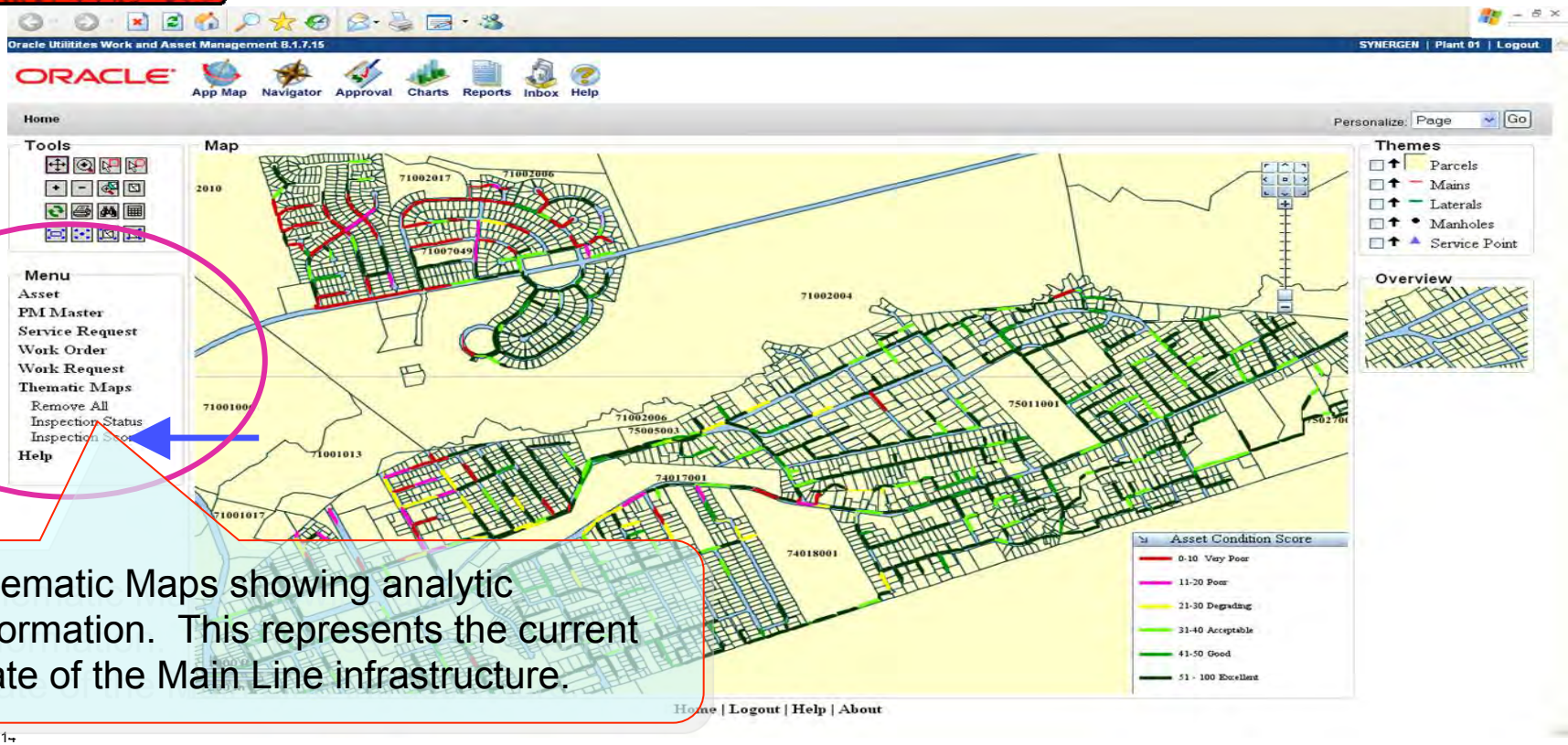
Utilities Work & Asset Management



Thematic Maps showing analytic information. This represents the current state of the Main Line infrastructure.

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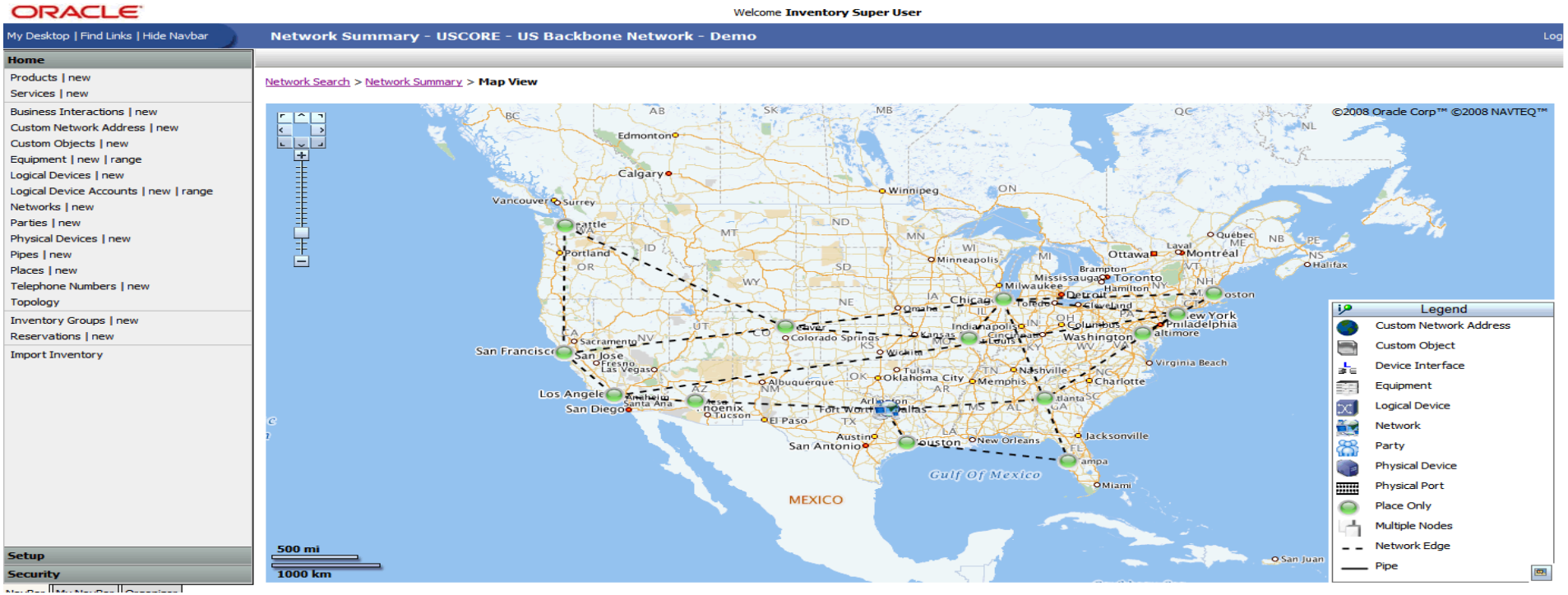
Comms: Unified Inventory Mgmt



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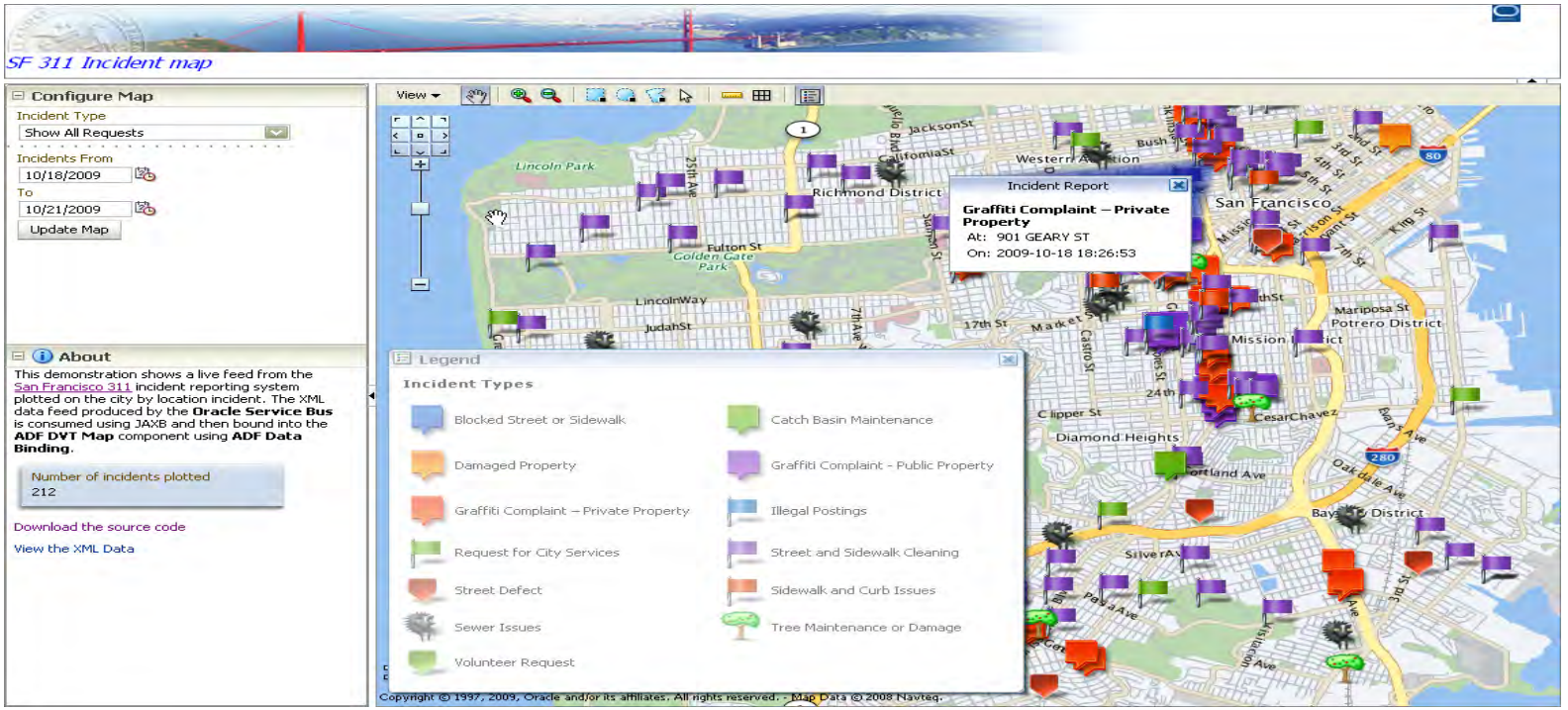
Develop Applications with JDeveloper



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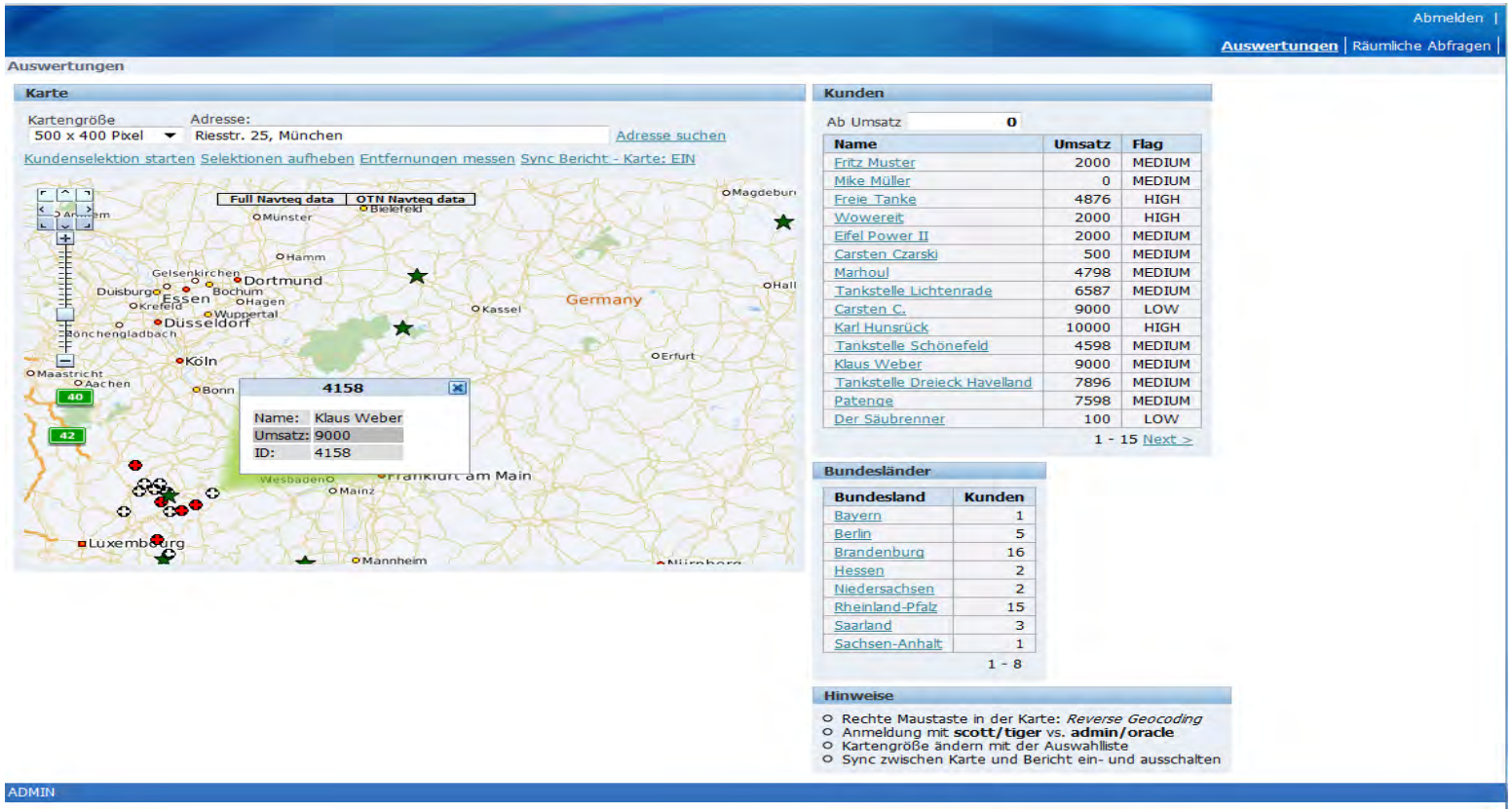
Maps in Application Express



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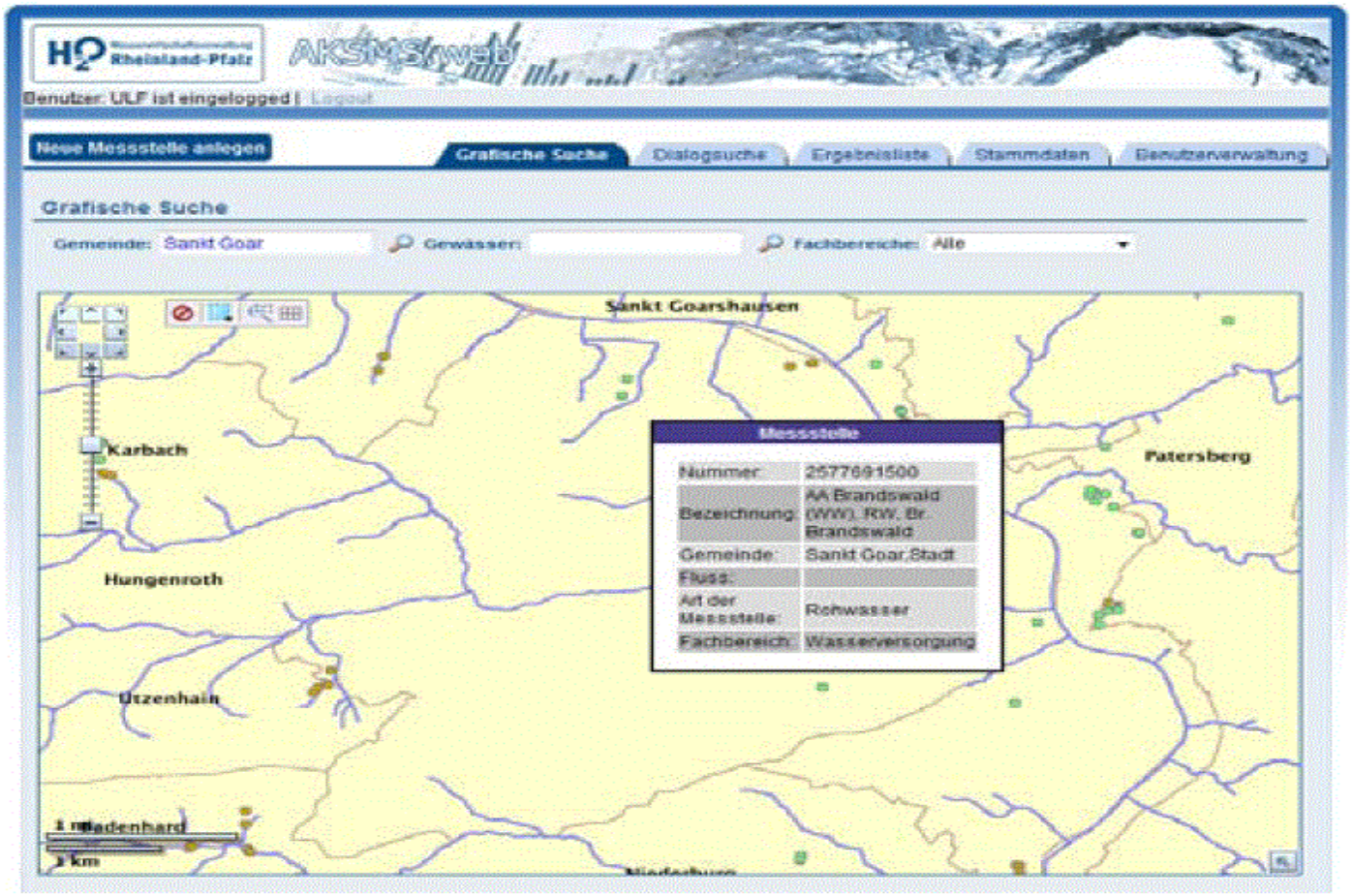
Application Express & MapViewer



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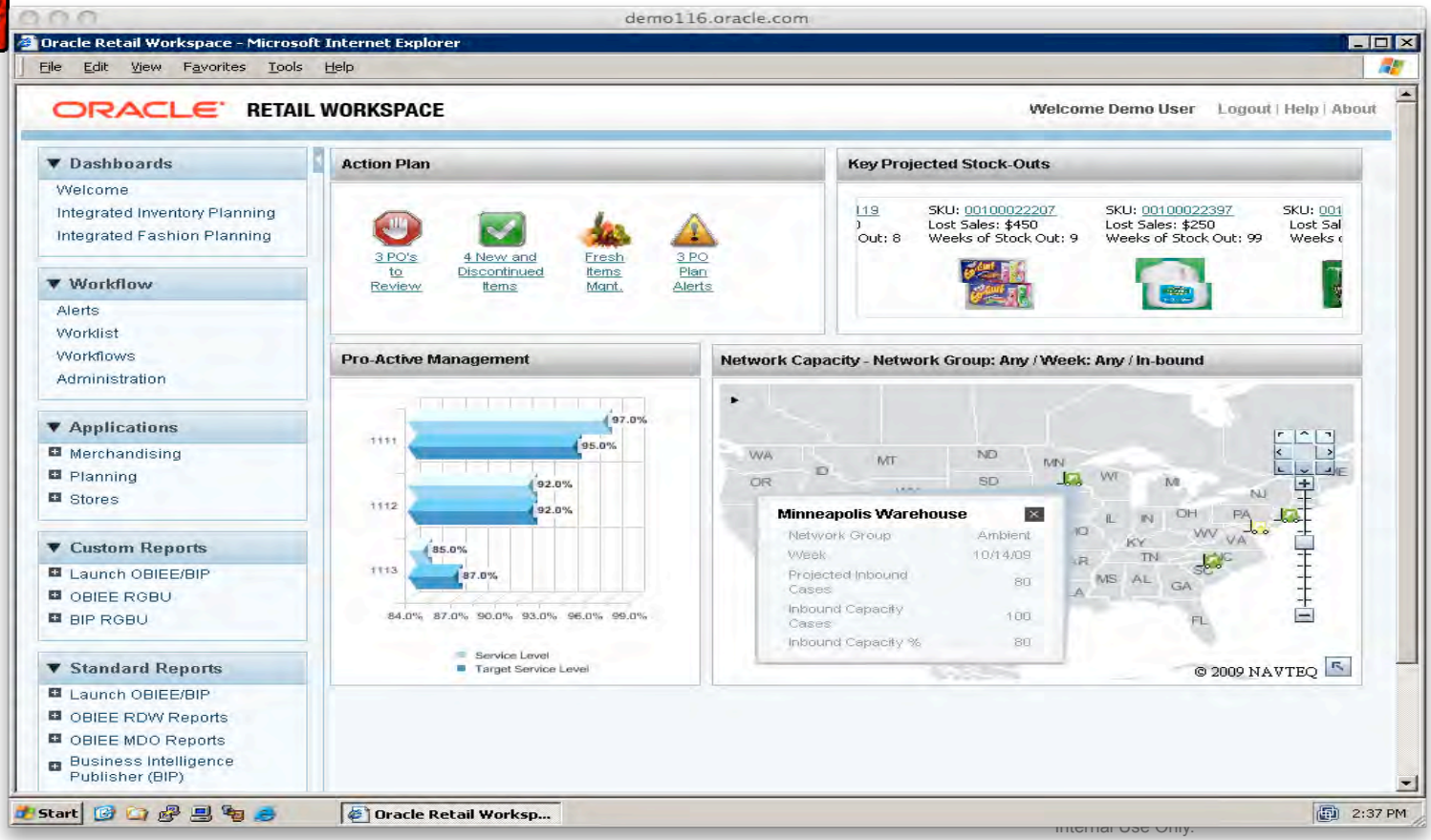
Maps in WebCenter



Internal Use Only.

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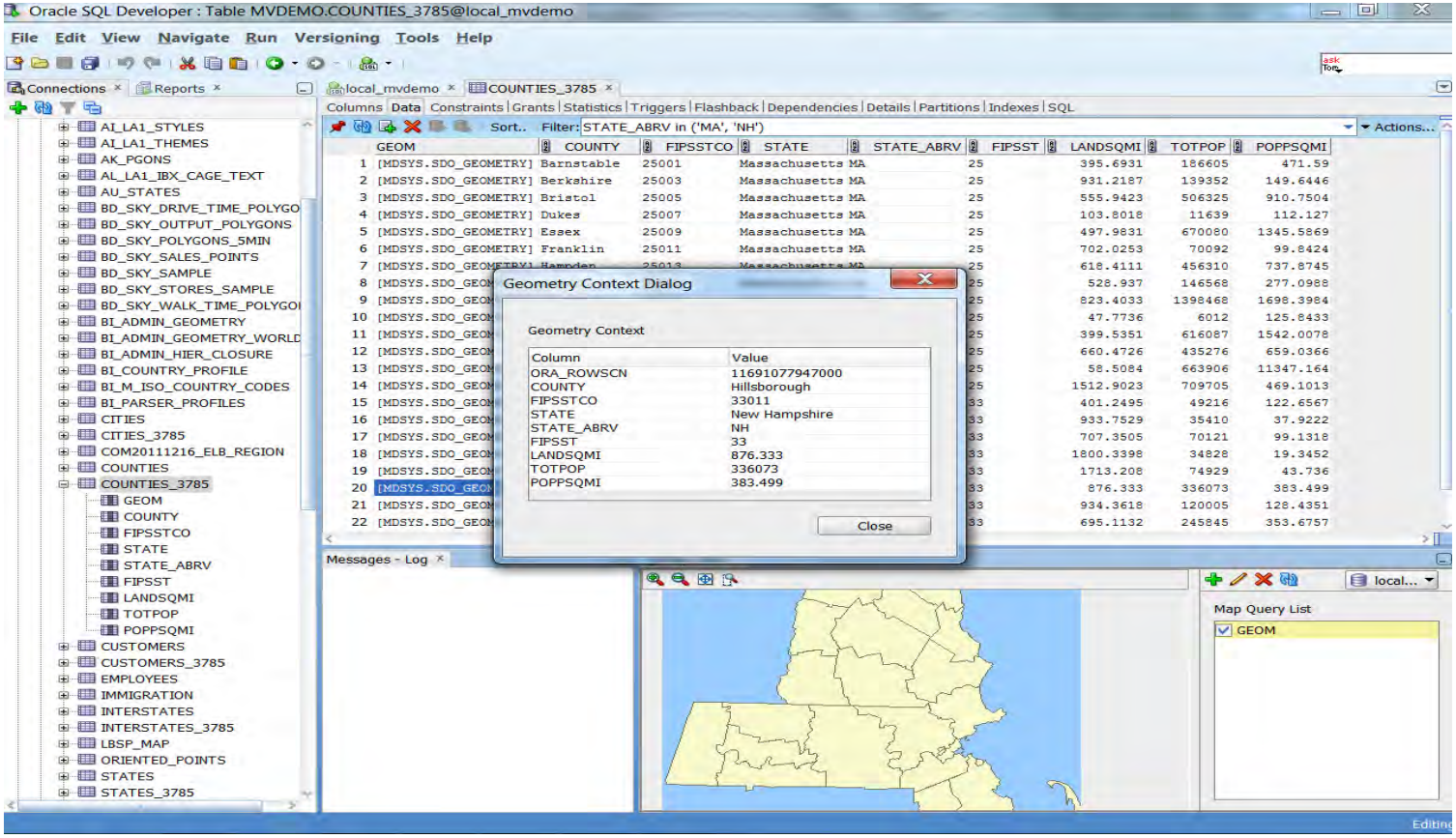
Mapviewer integration in SQLDeveloper



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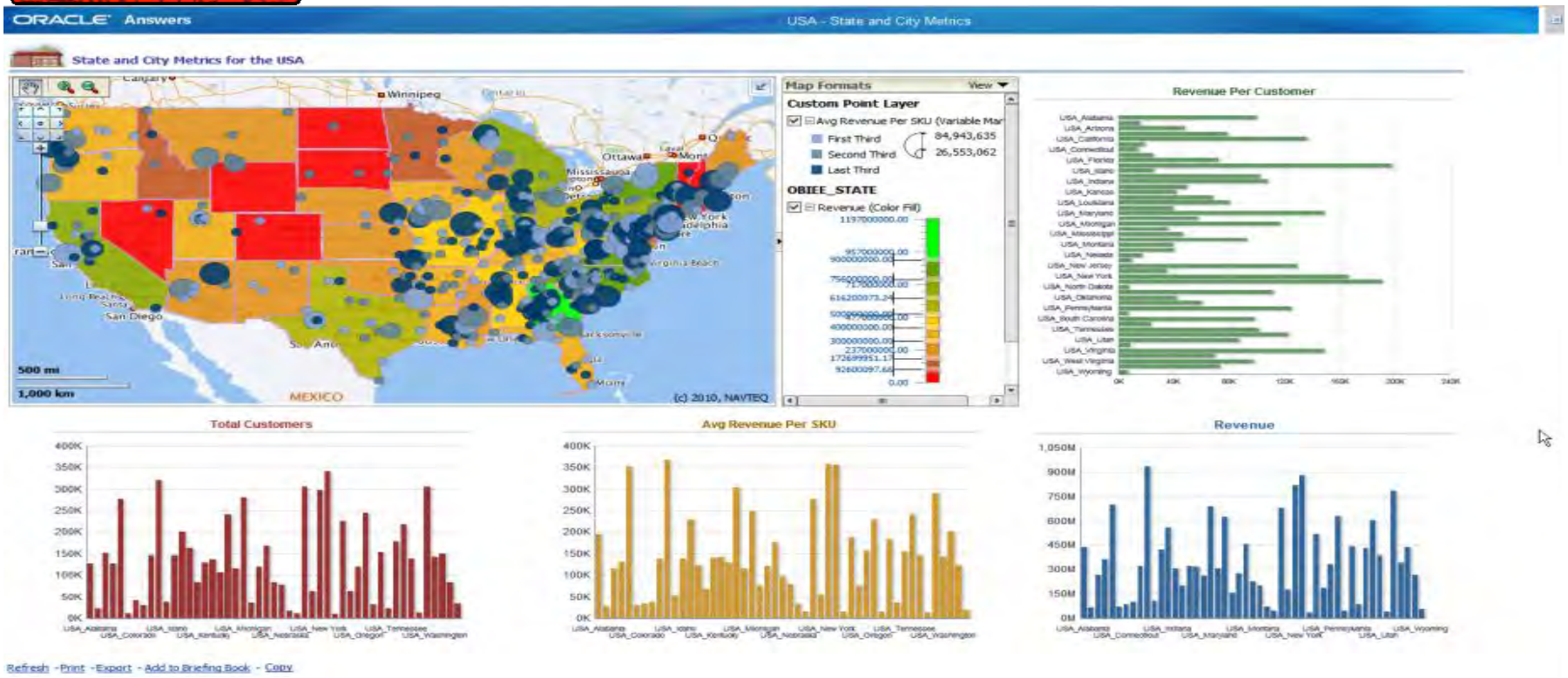
Map views in Oracle BI Suite



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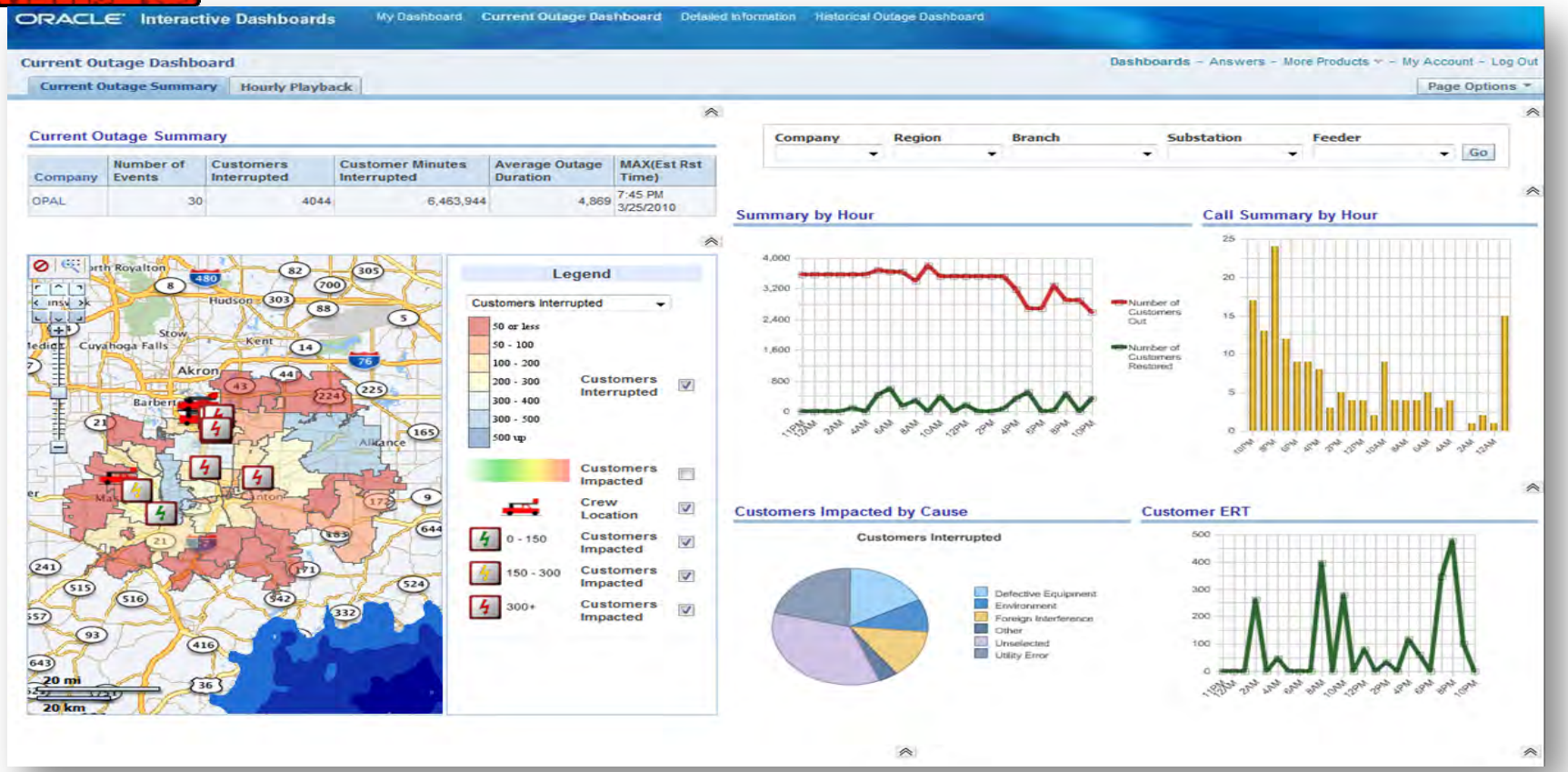
Utilities BI



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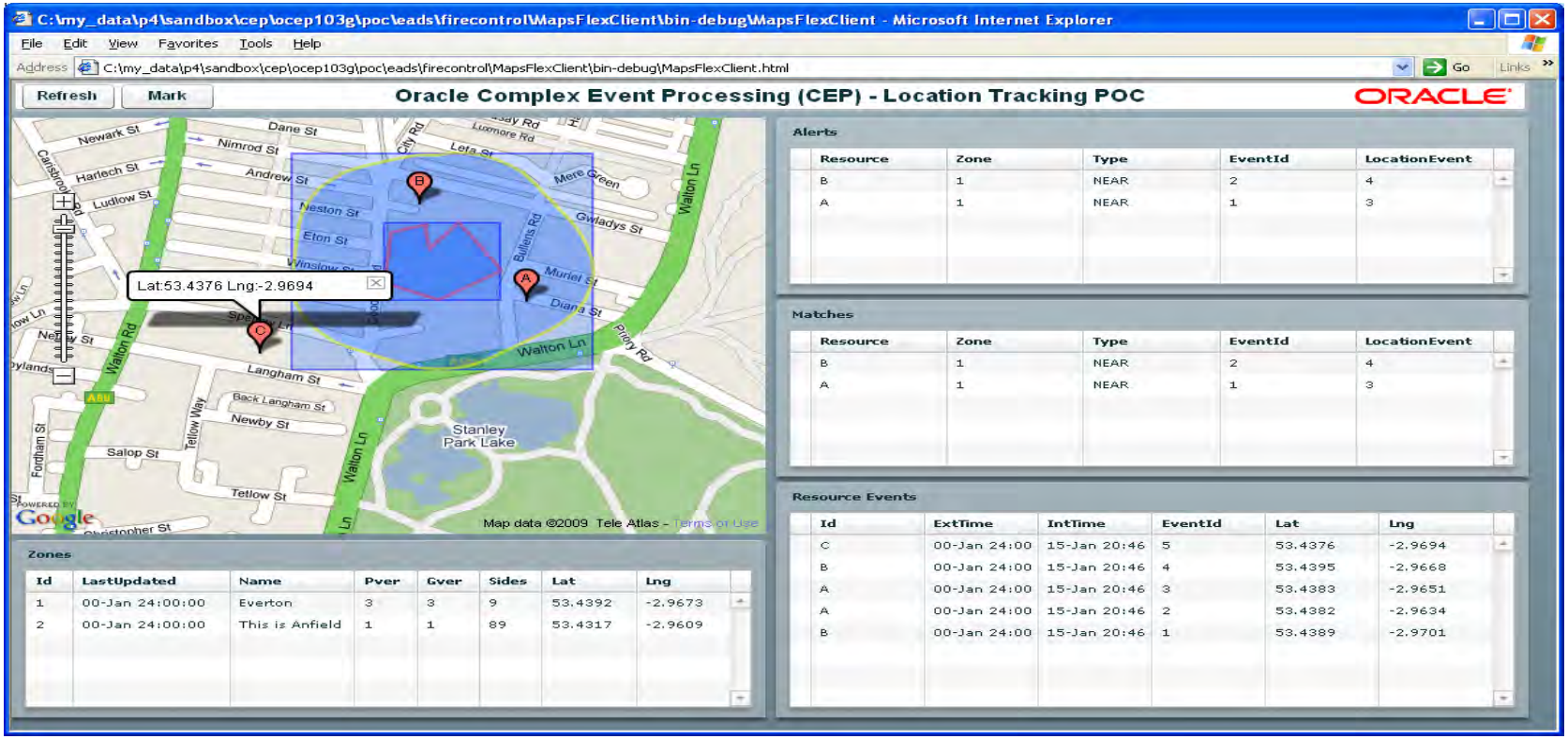
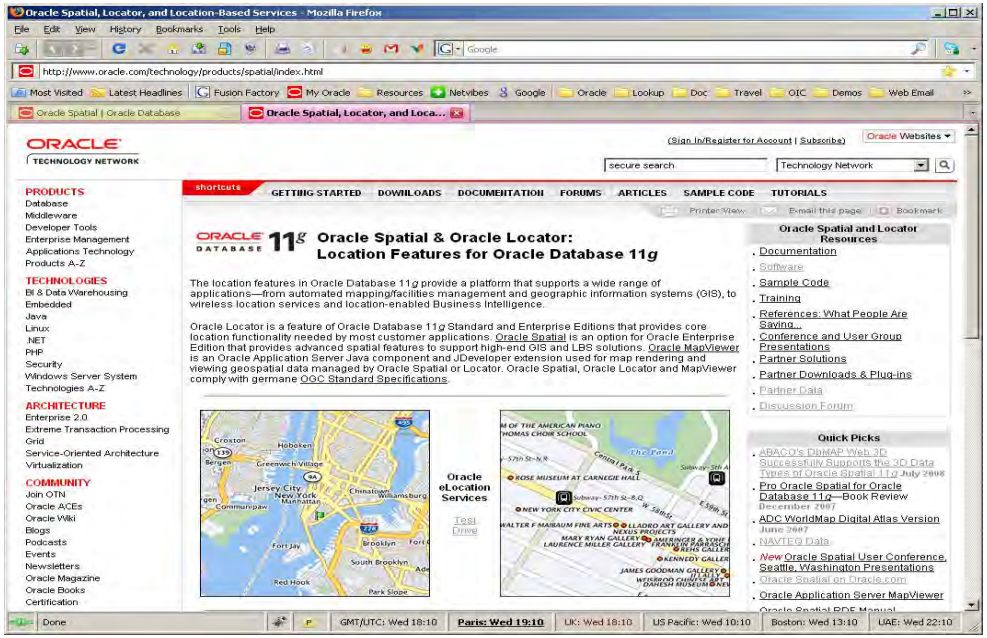
Complex Event Processing

Tracking Moving Objects

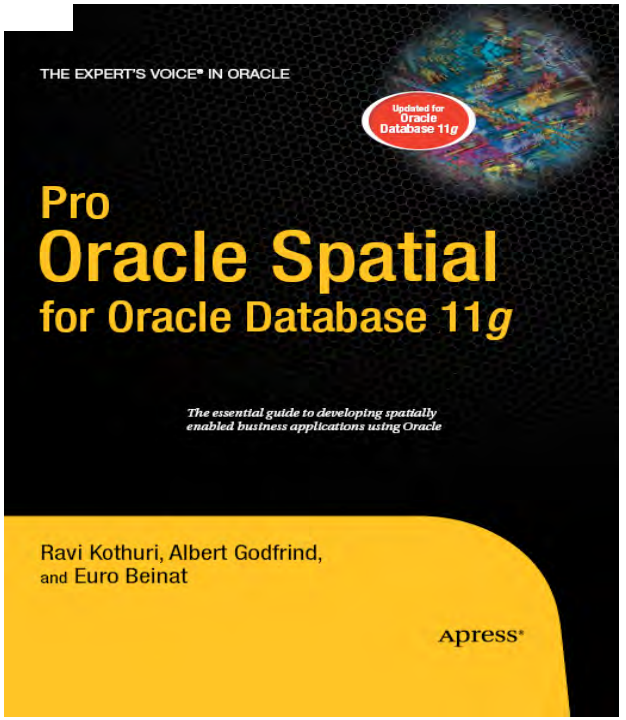


Resources

http://www.oracle.com/technology/products/spatial/index.html



Examples, white papers, downloads, discussion forum, sample data ....



Q&A