



The Port of Los Angeles Case Study



NorthSouth GIS Group delivered an award-winning enterprise GIS solution for the complex operational environment of the Port of Los Angeles, California

The Port of Los Angeles is managed as the self-supporting Harbor Department of the City of Los Angeles, California

- Busiest container port in the United States
- Over 900 employees supporting the many areas of interest for the port, including; Port Police, Engineering, Planning, Environmental, Real Estate, Finance, Construction and Wharfingers
- One of the largest cruise ship ports on the West Coast of the US
- Largest maritime police force in the US, with around 200 personnel
- Complex planning and permitting, tenant contracts and lease conditions, regulatory compliance and reporting

Challenges

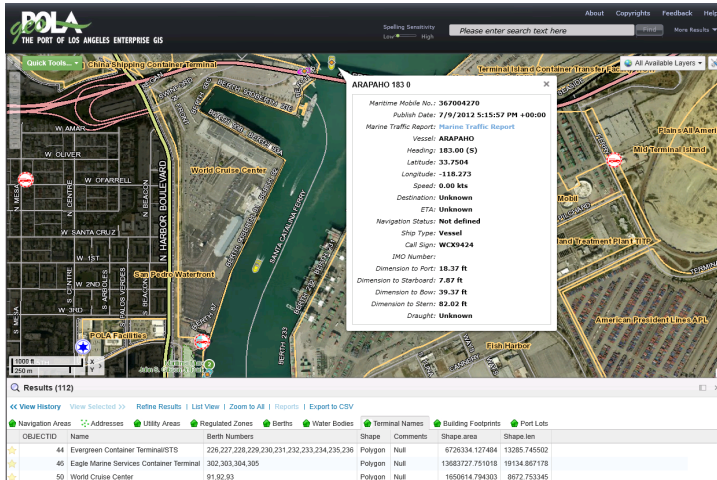
A highly dynamic environment, with frequent and significant real-time physical changes

- Land and water boundary – large scale land reclamation
- Weather and water conditions
- Roads, railroads and container terminals – layout and operations
- Threats to the security and safety of Port operations
- Operational system diversity

Solution

An Esri-based Enterprise GIS that cuts across operational divisions addressing operational, security and emergency management issues:

- Data and ready-made maps served directly from Esri ArcGIS Server to other software and systems, e.g. Situation Management, Lease Management, and Environmental Database Systems.
- Integrated display of static GIS data and dynamic data including vessels, traffic, weather and Blue Force Tracking for Port Police.
- Delivery and integration of all geospatial information via **geoPOLA** – the Port-wide Intranet GIS web map viewer.



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Opportunity

NorthSouth GIS is now offering the delivery of similar capabilities as implemented at the Ports of Los Angeles, Oakland and Stockton to other port clients for both on-premise implementation or via our cost effective, secure Cloud technology deployment.



ports.northsouthgis.com

Integration

Innovation

Commitment