The Port of Stockton Case Study

NorthSouth GIS Group delivered one of the most comprehensive enterprise-wide GIS solutions at any port, integrating security, mass notification, and property management, in record time for the Port of Stockton, California

The Port of Stockton is a Port District organized under California Harbor and Navigation Code

- Largest deep water inland port in California, 75 miles from ocean
- Bulk and Break Bulk, non-containerized cargo, only "net-exports" port in California
- Industrial and agricultural cargo, trading partners around the world
- Much more than just ships, over 50% of revenues from land holdings
- Own police force, but heavy reliance on external engineering resources
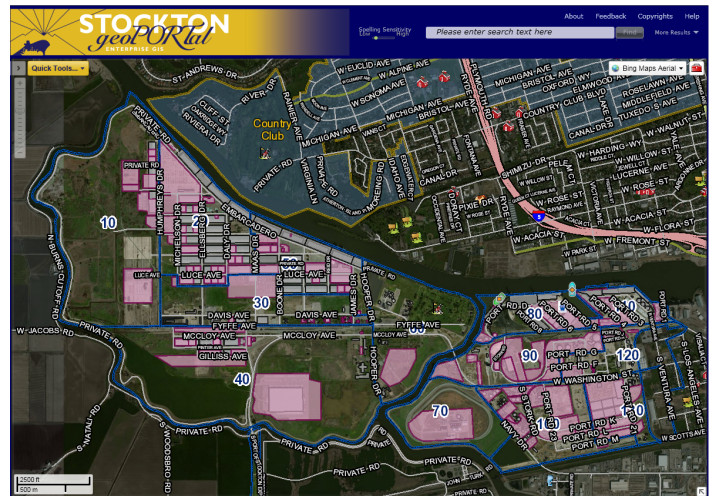
Challenges

- Critical part of regional infrastructure, commerce
- Port deeply embedded in the City of Stockton
- Limited in-house staff resources due to recession and retirement
- Rapid updates in technology, across the board

Solution

An Esri-based Enterprise GIS that fulfills the needs of all operational units, thus also putting valuable information at the fingertips of the Port Police:

- On-premise geodatabase and embedded staff to keep it maintained
- Coordination with port contractors to ensure that CAD data that are delivered to the port, fit well with the geodatabase
- Tight integration with property management system
- **Stockton geoPORTal**: a single web viewer for all geospatial aspects of the port, including properties, utilities, environment, nautical charts, live vessel and weather feeds, and real-time video and access control data
- Integration with Mass Notification System

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.

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Integration   Innovation   Commitment