

GIS for National Mapping and Cartographic Production

Modernizing National Mapping Workflows

The Challenges

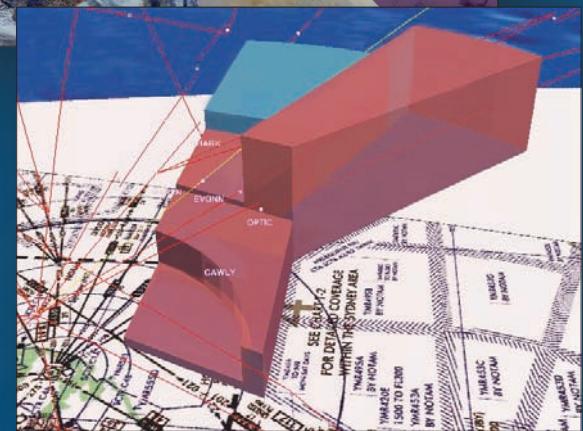
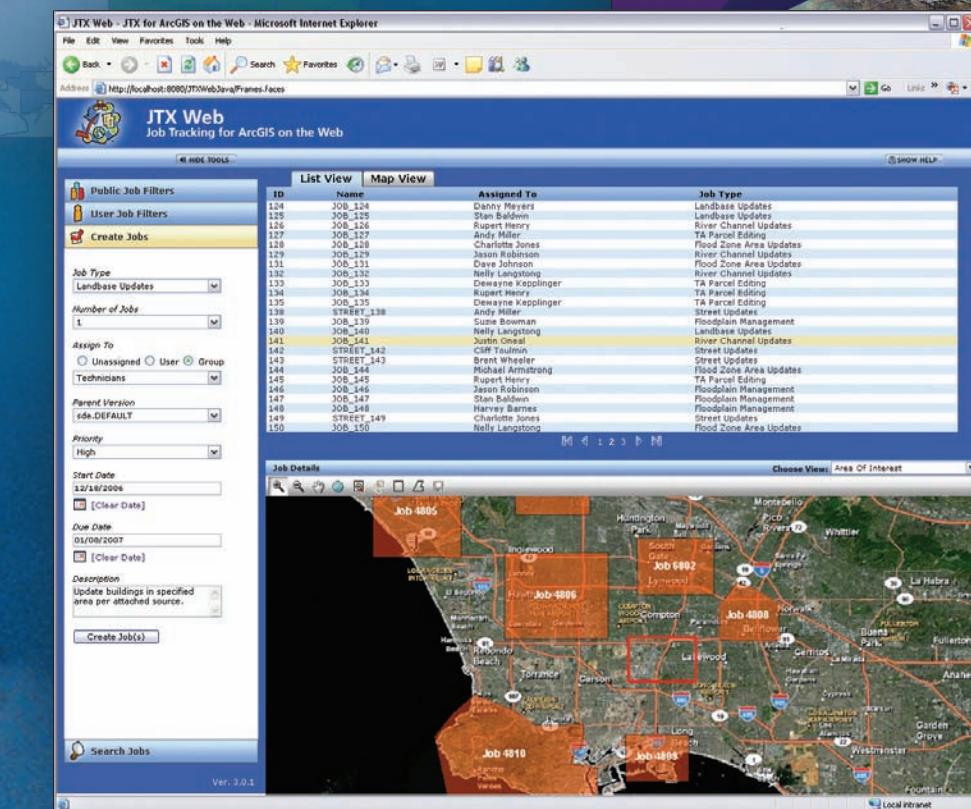
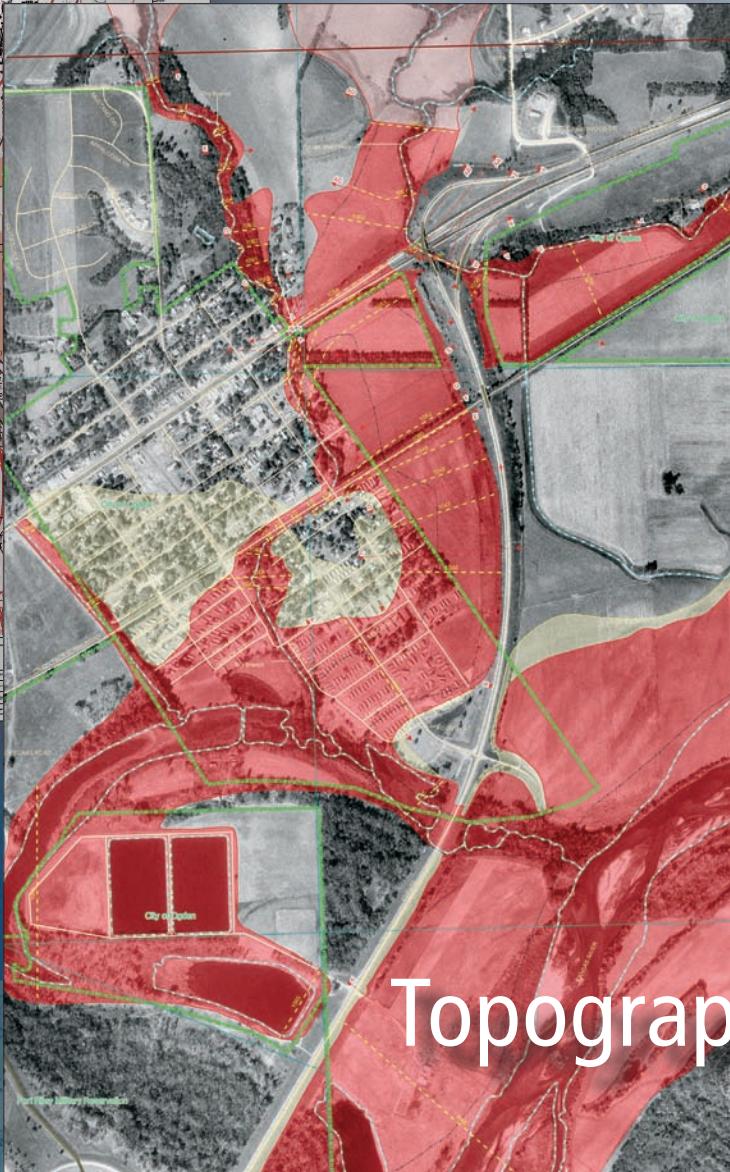
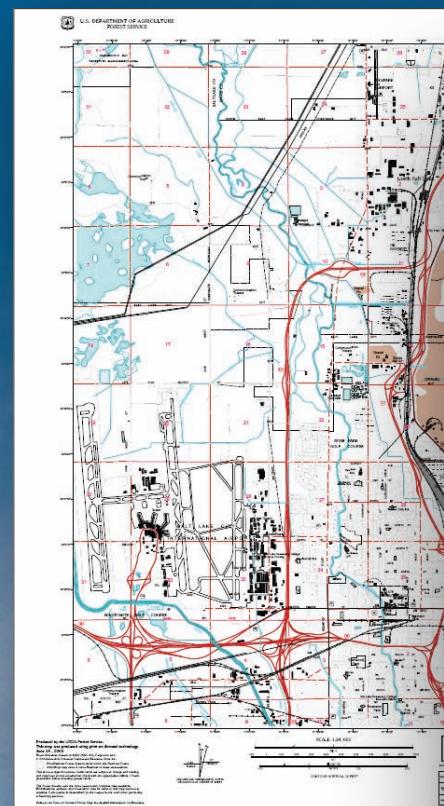
National mapping agencies face new and increasingly sophisticated customer demands, along with expanded responsibilities. To meet these challenges, they need to

- Implement work processes that are simple, flexible, and measurable.
- Increase accuracy and product quality with more automation.
- Eliminate data redundancy between functional business units.
- Facilitate collaboration among analysts from different business units.
- Expose enterprise data holdings within the agencies and among partners and external customers.
- Reduce life cycle costs through the use of standards-based COTS products.
- Plan for the orderly retirement of legacy systems.

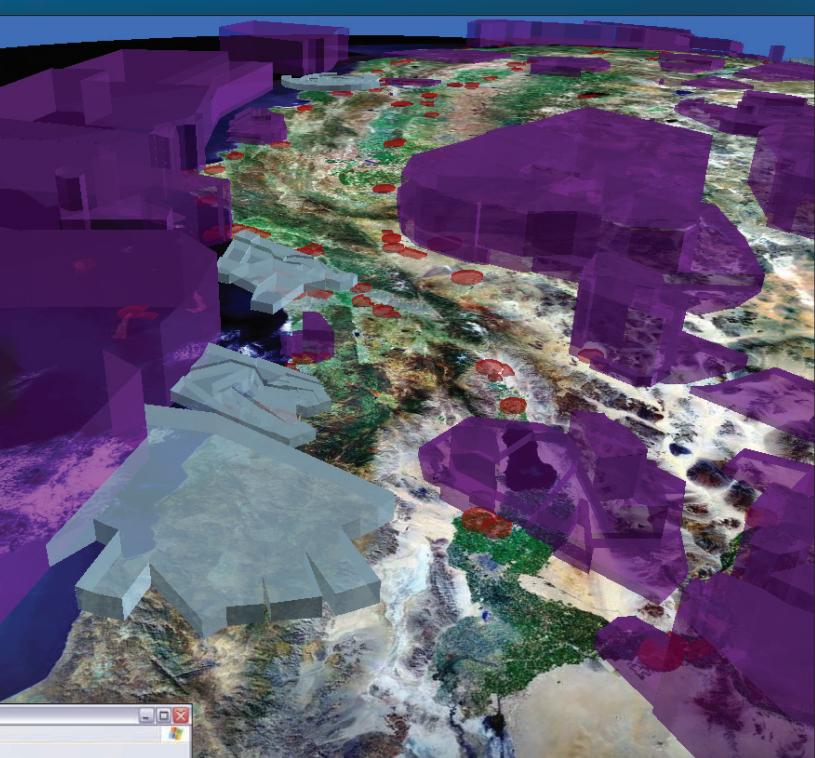
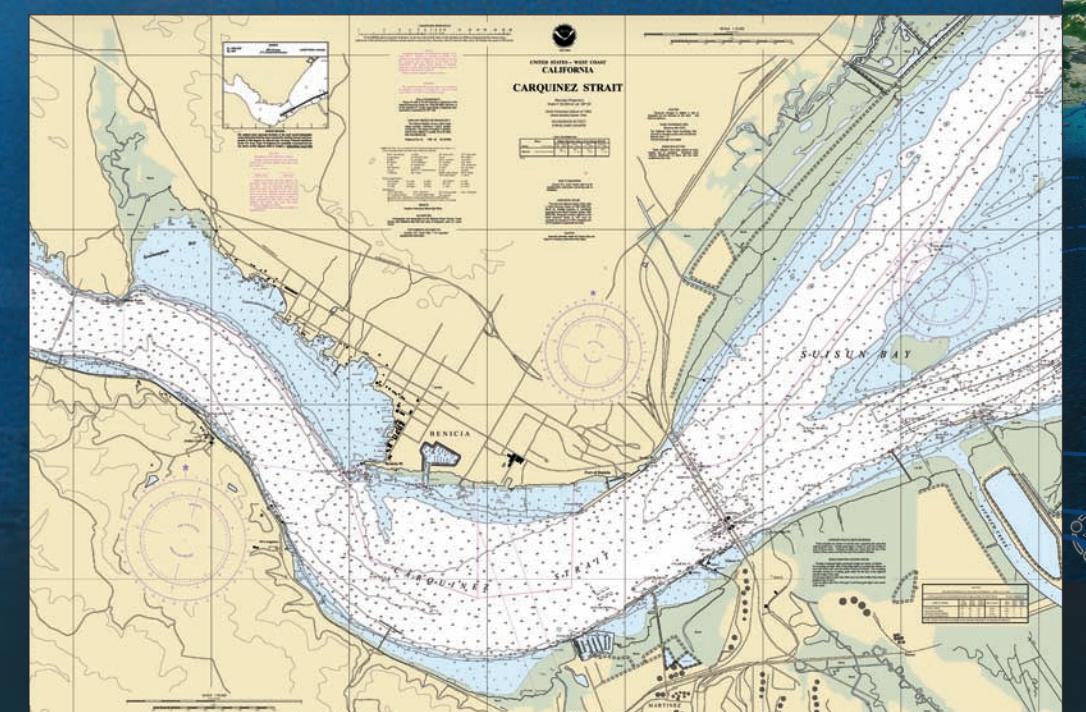
The Solutions

ESRI offers standards-based COTS solutions to help mapping agencies transform their operations and missions. These include

- A suite of applications that enables efficient, streamlined data, map, and chart production with increased quality at a lower cost
- A workflow management solution that offers standardization, better communication/collaboration, consistent reporting, project tracking, and considerable cost savings in typical GIS workflows
- A technology and services solution that provides all the tools and templates needed to implement local, regional, national, and global spatial data infrastructure portals



Land



Air

Aeronautical

Learn more about ESRI solutions for mapping agencies at www.esri.com/nmasolutions.