

Title of Nomination	The Oregon Imagery Explorer
Project Manger	Cy Smith
Agencies & Departments	Department of Administrative Services (DAS) Enterprise Information Strategy & Policy Division (EISPD)
NASCIO Category	Data, Information and Knowledge Management

The Business Challenge: There is a critical need to coordinate, develop and maintain geographic information and the computer systems that manage it for agencies, departments, and groups throughout the state. If each agency focuses on an agency only solution, across the state we would have agencies at all levels making individual infrastructure investments in order to provide imagery access to their customers. This would include duplicate acquisitions, storage, and distribution efforts, and the costs associated with these efforts.

In addition, distributing these imagery datasets via CD/DVD, portable hard disks, or FTP sites is time-consuming and burdensome. As the resolution of the imagery increases, the distribution of significantly larger datasets becomes even more cumbersome.

The Goal: The overall goal of this project is to deliver better coordinated and more efficient government services, and reduce duplication through coordinated geospatial investments across state government. The heart of the GEO governance model is a program called navigatOR. The Oregon Imagery Explorer is an important part of implementing this vision and was launched in October of 2007. The DAS Geospatial Enterprise Office (GEO) works through this project to ensure the quality and usefulness of Oregon's geographic information.

Significance and Benefits

Improved Access to Geospatial Data: The Oregon Imagery Explorer delivers a complete picture of Oregon's landscape in a few clicks. The portal's Image Viewing and Extraction Tool enables imagery to be "clipped-zipped-shipped."

Improved Data Searching: The Oregon Imagery Explorer portal interface provides sophisticated data searching, filtering the list of available imagery by date of acquisition, keyword search of image metadata, etc.

Improved Data Integration: The imagery is ortho-rectified and enables the graphic and tabular data from many sources at multiple levels of government to be integrated in ways that make problem-solving and decision-making easier and more effective.

In addition, Oregon Imagery Explorer:

- Provides Oregonians with timely access to high quality, high resolution aerial photographs
- Interacts seamlessly with other online tools that provide geographic information
- User friendly - *Everyone from the local GIS officer to the local citizen can use the Explorer.*
- Provides an innovative approach to obtaining and sharing high resolution imagery on a statewide scale
- Eliminates the need for duplicate acquisition, storage, and distribution efforts, thus saving taxpayer dollars
- Keeps multiple agencies at all levels from having to make individual infrastructure investments