

Session

6.2.1 Statewide Image Access Through Easy-To-Use Web Portal

Presenter

Karin Goodwin
Intergraph
karin.goodwin@intergraph.com

Co-Presenter

Kim McDonough
Tennessee DOT

Since 2002, TDOT has had multiple image types in its TerraShare image management system, but their users were not able to access them through a standardized graphic interface. TDOT needed a simple tool to allow the enterprise to view and map these images. In 2006, Intergraph Corporation built the Terrashare Web Portal to allow easy search and retrieval of these images as part of an overall contract to develop an aerial imagery management and retrieval system. This tool is built on top of Intergraph's Terrashare product and TDOT's Oracle Spatial GIS database using GeoMedia WebMap Professional.

In addition to standard web map functionality, such as query, zooming, and feature display, the Terrashare Web Portal automatically generates a list of available images for a current location. The Web Portal allows users to view multiple raster images for a single location using transparency settings as well as many of the standard vector data layers residing in the Oracle Spatial Enterprise. This allows a user to look at multiple years of images at a particular location and detect changes. Finally, the Web Portal allows TDOT users to select from three different map projections and pick their preference.

In this presentation TDOT and Intergraph will show the major functionality of the Web Portal and explain how TDOT employees benefit from its availability.