

New Version iSMART

eSpatial (Ireland) released the latest version of its Geospatial iSMART product suite. Version 5.1 provides new features including advanced metadata management, further Oracle integration, increased use of Web 2.0 technologies such as AJAX and the enhancement of the iSMART GeoPortal and development environment to match emerging web mapping interface standards from companies such as Google and Microsoft.

A key updated feature in iSMART 5.1 is the treatment of Metadata: iSMART 5.1 can Configure, Enter, View and Search metadata.

iSMART 5.1 provides extended support for Oracle functionality, including integration with Oracle 10g Mapviewer. This facility enables use of this Oracle application server component for visualising spatial data. It allows data rendered by Mapviewer to be combined with other data managed by iSMART such as from Open Geospatial Consortium (OGC) web services, live / tracking data feeds, image stores, and custom data sources, for display, analysis and editing, and provides iSMART's 'out of the box' powerful end user tools for data management, visualisation (GeoPortal), and Editing to Oracle Mapviewer. It also increases the range of data types that may be viewed using iSMART tools and custom applications (including 10g GeoRaster GRID, and Network Data).

iSMART 5.1 has an increased range of styling options and provides easy to use web based style definition for multiple users. In addition iSMART 5.1 introduces completely new and improved labelling functionality including label collision avoidance algorithms, text along lines, word-wrap and more.

Built entirely on an Enterprise Java (J2EE) Application Server-compliant infrastructure, iSMART 5.1 is a natural extension to Oracle Spatial, delivering enterprise-class quality of service such as security, reliability and availability. All geospatial functions are implemented in a standard application server, with support for use from standard Web browsers and integration with other applications via XML Web services and Open Geospatial Consortium standards. Capabilities to visualise, query, manipulate and modify spatial data are targeted at users who are not GIS specialists.

<https://www.gim-international.com/content/news/new-version-ismart>
