MapInfo Spatial Server

INCREASE AGILITY, EFFICIENCY AND EFFECTIVENESS THROUGH ENTERPRISE-WIDE SHARING AND USE OF LOCATION INTELLIGENCE CAPABILITIES.

Product Overview

Today, when different departments across an organization utilize location-based data, they often maintain their own capabilities, platforms and formats. As a result, accessing and utilizing information across departments is difficult; organizations are riddled with duplicate data from various sources; and, a lack of coordinated insight enterprise-wide means that data is underutilized.

Pitney Bowes Business Insight now provides a platform to easily leverage, centralize and integrate complex spatial data across the organization. MapInfo® Spatial Server provides standards-based Web Services technology, a suite of location capabilities commonly used across hundreds of application requirements – and the ability to centrally manage and apply those capabilities enterprise-wide.

Benefits

As businesses begin to recognize the extraordinary power in integrating location-based insight with customer and business data, the need for advanced spatial capabilities continues to grow.

Spatial Server enables organizations to deliver location-enriched data capabilities to anyone, anytime, anywhere. Using Spatial Server's standards-based Web services, businesses can utilize familiar formats and inject new, discrete capabilities into existing business processes and analytical routines – resulting in better decision making without the need for additional specialist cost centers and bespoke applications.

Spatial Server provides comprehensive out-of-the-box capabilities that significantly decease time to implementation. Its compatibility with multiple development environments enables organizations to more effectively utilize their current IT investments and resources.

With Spatial Server, applications and web services can be location-enabled quickly. Its graphical, intuitive workflow designer requires limited user technical expertise. And, with Spatial Server, built-in security, encryption, and authentication protect valuable corporate data assets both via the web and on premise.

Spatial Server provides support for web, wireless, call center, thick client, and other existing applications, all through the power of a single API.

ACHIEVE MORE WITH SPATIAL DATA

Add efficiencies to existing Location Intelligence and GIS applications by centralizing capabilities and sharing data and resources.

- Benefit from a consistent view of data across the organization.

- Provide each business area with the precise Location Intelligence capabilities required – and the ability to quickly adopt new capabilities as needed.

- Enable GIS and non-GIS experts to easily and visually tie capabilities together in meaningful ways using the Enterprise Designer workflow tool.

Pitney Bowes
Business Insight

Added Value

MapInfo Spatial Server draws upon 25 years of spatial analytics experience to provide organizations with powerful location intelligence capabilities and a robust platform needed to quickly and easily orchestrate workflow design.

Spatial Analysis Capabilities

From market analysis and site location to sales and delivery routing; whether businesses are assessing financial risk, defining a target market or assigning appropriate tax jurisdictions, Spatial Server provides geocoding, mapping, routing and analysis capabilities that provide profitable insights. And, Spatial Server enables users to combine capabilities – for robust, expanded analyses and/or web services.

Centrally Managed Spatial Capabilities for the Enterprise

Spatial Server is an enterprise technology platform of centrally managed spatial capabilities. Designed for ease-of-use, Spatial Server enables businesses to leverage location intelligence to provide in-depth analyses with faster-to-market results. With Spatial Server, users are shielded from the complexity of spatial technology and integration requirements –they no longer have to coordinate various GIS products designed to perform discrete functions all across the enterprise.

Flexible Deployment —On Premise or On Demand

To cater for current and emerging demands, Spatial Server is available on premise or on demand. This offers further flexibility for deployment and performance control while enabling enterprises to work effectively within current IT policies and budgets.

Flexible Deployment — Real Time or Batch

With the ability to perform complex spatial enrichment and analysis through a service-orientated architecture, Spatial Server can deliver real-time results. And users have the option to perform the same sorts of analyses in a managed batch procedure, as matches their business requirements.

Added Insight across the Enterprise

Spatial Server transforms the process of accessing complex spatial data – previously the exclusive purview of GIS Analysts and experts – into a user-friendly format for gaining location-based insight and information. MapInfo Spatial Server provides a more complete, more accurate view of across the enterprise, leveraging customer and business data for precise decision making.

Specifications

MapInfo Spatial Server supports the use of the following tools:

Databases
• Oracle 10 and 11
• SQL Server Spatial 2008
• PostGIS 1.5.2

Web Browsers
• Microsoft Internet Explorer 8 & 9
• Mozilla Firefox 4.5 & 5
• Safari (M   ac OSX)
• Chrome 1   2

Operating Systems (Server side)
• Windows 2008
• SUSE Linux 10
• Solaris 10
• RedHat 4 and 5
• HP-UX V11iV3
• AIX 5.3 and 6.1

Spatial Server supports the Application Programming Interface (API) specifications defined by the Open Geospatial Consortium and supports WMS 1.3, WFS 1.0 and CSW 2.0.2.

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