Ingres 10S Geospatial
All-In-One Spatial and Relational Database

INGRES 10S

Actian's Ingres 10S is the all-in-one database for collecting, analyzing and sharing spatial and business data. Ingres 10S includes comprehensive spatial support, allowing you to extend location-based data through spatial-aware applications.

Modern web applications, social media, logistic systems and mobile devices are examples of the many applications driving growth in the collection and consumption of location-aware data (address, co-ordinates, geocode, etc). Ingres 10S enables you to maintain your spatial data inside your relational database, becoming the repository for Geographic Information Systems (GIS) and geographic-aware applications.

Out-of-the-box spatial management - no additional cost

Incorporate spatial data alongside your transactional data within a single repository and remove the barriers for managing spatial data types using a file-based approach. Now you can manage spatial data as part of a transaction, and share data in a controlled, consistent manner ensuring integrity and security. Extend your potential spatial data cases with a platform capable for development of modern applications.

All-in-one spatial database with mission-critical support

Ingres 10S comes complete with spatial functionality which means no more complex add-ons and integrations with other databases, and no need to pay extra to access Ingres 10S geospatial features. Enjoy industry-leading, 24x7 mission-critical support for managing spatial and business data with Ingres 10S.

Ingres 10S Benefits

› Collect, manage & share spatial and relational data
› Connect from leading spatial applications - ArcGIS for Desktop, FME
› Build spatial-aware applications
› Cost-effective mission-critical 24x7 enterprise support

New SQL Functions & Data Types

› Execute 25+ new industry-standard GIS functions
› Implement OGC Simple Features for SQL 1.1
› New data types include POINT, LINESTRING, POLYGON MULTIPOINT, MULTILINESTRING MULTIPOLYGON, GEOMETRYCOLLECTION

Ingres 10S Supports

› Esri's ArcGIS for Desktop
› Safe Software's FME
› GDAL/OGR library
› GeoTools library
› Quantum GIS
› GeoServer
› And more, using open libraries

Create maps using GIS software

› Easily connect Esri's ArcGIS for Desktop to Ingres 10S and visualize geospatial contents from your database. Read/write support allows users to create maps, explore and edit spatial data within ArcGIS. Ingres 10S also supports the open source Quantum GIS desktop software, and GIS desktop software that use GDAL/OGR and GeoTools libraries.

Enable web mapping

› Publish mapping data on the web. Ingres 10S supports web-based mapping platforms including those powered by GeoServer, and can be used to share data using open standards.

Unlimited data import flexibility

› Easily load data into Ingres 10S using the industry-leading spatial ETL tool - Safe Software's Feature Manipulation Engine (FME). Manage and exchange spatial and non-spatial data in Ingres 10S between 276 data formats. FME supports over 400 different transformers and more than 5,300 co-ordinate systems giving you unlimited flexibility to manipulate the geometry and attributes of your spatial data.

Perform spatial analysis

› Ingres 10S uses industry-standard GIS functions, data types and projection libraries. Ingres 10S makes it easy to harness the power of the GEOS geometry processing engine to enable industry-standard geometric functions such as creating buffers, calculating overlapping areas and merging features. Ingres 10S also leverages the PROJ cartographic projection library to transform spatial data between dozens of geographic and planar co-ordinate systems.

Convert vector data

› Ingres 10S includes the Geospatial Data Abstraction Library cross-platform spatial data translator. Import, export and manipulate your vector data using powerful command line and programming tools.

Cost-effective, 24x7 global support

› Ingres 10S comes with geospatial functionality out-of-the-box, it is not an add-on. Maintain your spatial data inside the most cost-effective geospatial database that is backed by world-class 24x7 support.

Download a 30 day trial of Actian's Ingres 10S today at www.actian.com/products/ingres

Contact us at geospatial@actian.com to discuss your geospatial needs. Learn about our special pricing offers, and see if you qualify for a free half-day Quick Start installation and configuration package.

About Actian: Incite Action

Actian Corporation is the first to unveil a Cloud Action Platform for building Action Apps. Action Apps are lightweight consumer-style applications that automate business actions triggered by real-time changes in data. Actian products incite action at more than 10,000 customers worldwide by driving their mission-critical workloads and providing rapid action insights to their data. Actian is headquartered in Redwood City, California with office in New York, London, Paris, Frankfurt, Amsterdam and Melbourne.

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