

# IGiS - Enterprise Suite



# IGiS



# IGiS Enterprise - A Scalable GIS Platform for Your Organisation

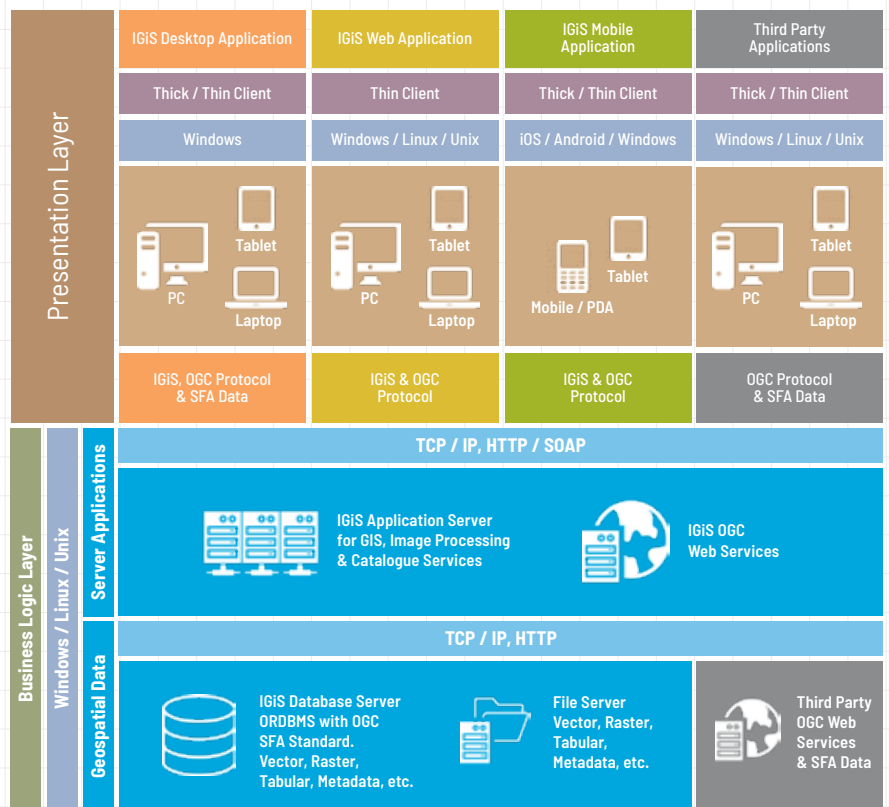


IGiS Enterprise is a powerful geospatial suite with feature-rich tools to help you create, analyze, manage and securely share geospatial data over the Internet and intranet. IGiS Server is a key component of the IGiS Enterprise Suite. Other components of IGiS includes Desktop, Web, Mobile, 3D GIS, SDK, and OGC Services are used to provide end-to-end geospatial enterprise solution. Service Oriented Architecture (SOA) and key components make IGiS Enterprise the most powerful geospatial suite in the GIS industry.

## IGiS Server

IGiS Server is a highly scalable and secure platform to enables geospatial data management and dissemination over the internet or intranet. It is OGC compliant platform and has the support of various OGC web services like WMS, WFS, WFS-T, WCS, CSW, WMTS, and many more to share, integrate and process geospatial data as well as metadata.

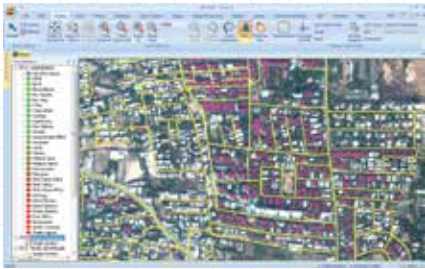
IGiS server offers various processing and analytics capabilities on the web like Image Processing, 2D/3D Map services, Querying, Editing, Geo-processing, Network Analysis, Metadata Management, Print/Report Service, Harvesting, Geo-Coding, Versioning, and real-time integration of IoT/sensor data.





## IGiS Desktop

IGiS Desktop is used for the conception, production, dissemination, and analysis of 2D and 3D maps with cartographic and visualization tools. IGiS Desktop has integrated GIS and Image Processing capabilities along with extensions for performing advanced analysis of geospatial data. Using IGiS Publisher users can publish their data and services on IGiS Server with a single click.



## IGiS Web

IGiS web provides the capability to create wizard-based web application development quickly. Users can use different programming platforms like .Net, PHP, Python, and Java for developing Web-GIS applications. Using the IGiS Web platform user can access data, metadata, and process services from the GIS server.



## IGiS Mobile

IGiS mobile application is used for capturing, editing, and displaying GIS data quickly and efficiently from any location, using GPS enabled mobile device. It improves productivity and allows real-time decision-making by direct exchange of data between field users and other stakeholders. Its cross-platform support and capability to consume various OGC services enable a seamless Geospatial experience for users.



## IGiS Pruthvi

IGiS Pruthvi is an end-to-end 3D platform for creating, processing, viewing, and analyzing 3D geospatial data such as Photogrammetry Data, 3D Buildings data, BIM data, and Point Cloud data. Its 64-bit multithreading architecture enables users to manage and analyze massive (Global Scale) data efficiently. It has an inbuilt SDK and rich APIs for easy customization and development of 3D GIS applications.



## IGiS SDK

The IGiS Enterprise Developer Kit allows developers to customize as well as to develop complete vertical applications. It provides IDE, COM controls, and extensive APIs in various programming languages to empower developers for creating custom objects and complex applications.

## Integration & Interoperability

IGiS enterprise suite offers various OGC services for seamless interoperability and integration of various maps, data, and metadata. It also provides REST APIs to integrate IGiS's geoprocessing and analytics capabilities with 3rd party applications and platforms. IGiS enterprise supports various metadata standards for creating spatial data infrastructure and registry for effective collaboration among different stakeholders. All these capabilities combine to empower technology developers to make a complex decision-support system using spatial information and services.

## About SGL

Scanpoint Geomatics Limited is a leader in the Indian Geomatics Industry. We pioneer the nation's geospatial domain through IGiS - an indigenous technology which brings GIS, Image Processing and Photogrammetry together on the same platform. Based out of Ahmedabad, as Team SGL, we strive to provide innovative, futuristic and cost-effective products.

IGiS caters to a multitude of solutions across industries like Agriculture, Defence, Forestry, Disaster Management, Land Information, Mining, Power, Smart City, Urban Planning, Utilities and Location Based Services.

With the vast number of possibilities and opportunities presented by the field of Geomatics, our mission is to shape the future of a "GIS-enabled India".



**Government of India | Department of Space  
Indian Space Research Organisation**

## Product Development Partner

At, Scanpoint Geomatics Limited, we are most proud of our partnership with the Indian Space Research Organization (ISRO). With an innovative approach and a focused attention to details, the duo developed IGiS - India's first independent and integrated platform for geospatial industry.

The partnership has resulted in the integration of GIS, Image Processing and Photogrammetry on the IGiS platform. Backed by ISRO's domain expertise, we aim to push forth innovation and uplift the global geospatial domain.



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