

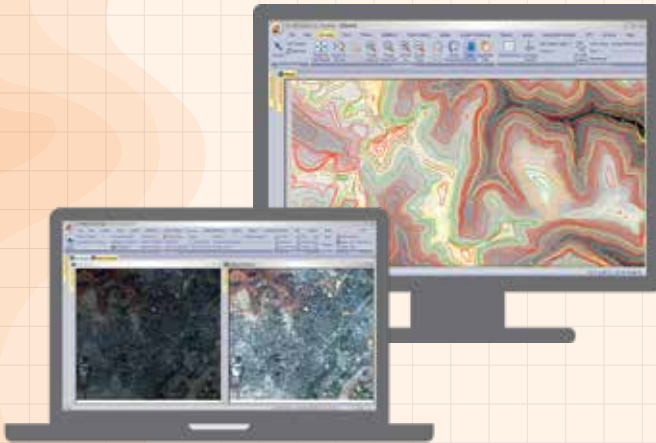
IGiS - GIS & IP Desktop



IGiS



GIS & IP Desktop - Easily Create, View and Analyze All Your Geospatial Data



Next-generation cartographic and visualization tools for conception, production, dissemination, and analysis of 2D and 3D maps. It is a 64-bit GIS & IP Desktop application with Unicode support. It has an intuitive user interface where users can view, edit, analyze, and model the geospatial data in multiple views using a Multiple Document Interface (MDI).

Comprehensive and Integrated

IGiS offers GIS and Image Processing capabilities with advanced analysis extension on a single platform. It is a complete suite for professionals to create, view, perform analysis (Spatial & Non-Spatial), and manage all Geospatial data. It allows Data Preparation, Data Correction, Data Management, Data Analysis, Mapping, and Customization. Standardized UI and ribbon-based navigation along with the single integrated view of GIS and IP functions make the user-interface intuitive and interactive.

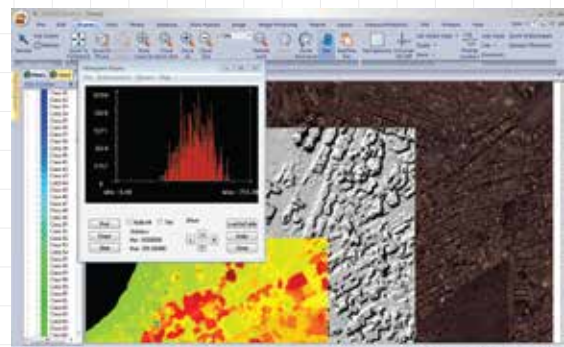


Advanced Geo-Processing

IGiS has advanced tools for Geo-processing like buffer, intersection, union, convex hull, Thiessen polygon, merge multiple themes, overlay analysis, attribute query builder, and more for advanced geospatial users. It allows users to create single click map creation and report generation.

Efficient Image Processing

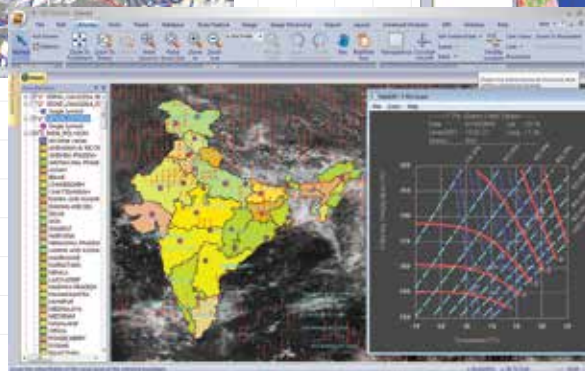
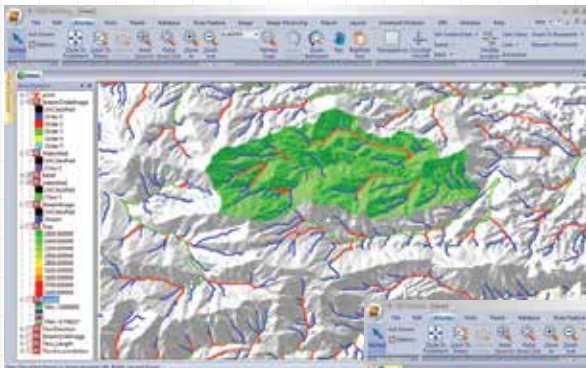
IGiS has a rich array of tools and analytical models to process and analyze images efficiently. It supports different image sources like Satellites, drones, UAVs, etc., and can process a multitude of image types like optical, microwave, LiDAR, stereo, etc. Through smart modeling techniques and AI/ML-based algorithms, it enables image exploitation, object identification, and automatic spatial-temporal change detection





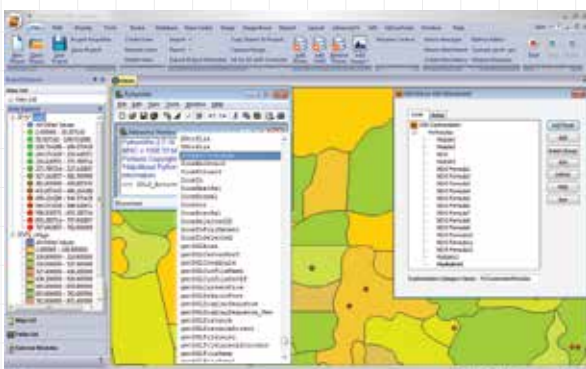
Manage and Analyze Data Seamlessly

IGiS enables you to store, manage and edit geospatial data seamlessly. It is an innovative tool, which supports all industry known geospatial data formats, non-spatial data, real-time sensor data, and big data. The support of OGC Standard-based services enables you to store and share data with other OGC-compliant systems seamlessly.



Enhanced Performance with Advanced Extensions

IGiS extensions include Network Analysis, Tracking Analysis, 3D Analysis, Neural Network Analysis, Hyperspectral Tools, Terrain Analysis, Raster GIS Analysis, Hydrology Analysis & SWAT Integration, LiDAR Data Processing, MET GIS Analysis, Geo-statistical analysis, and SAR Data Processing.



IGiS Desktop for Developers

Developers get complete control over customization to build and deploy GIS applications. IGiS has an Integrated Development Environment (IDE) and a Software Development Kit with rich API libraries. It enables a diverse range of features like GUI customization, scripting support, macro recordings, and COM controls on various programming platforms.

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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