



SPACIAL DIMENSION OF THE INFORMATION



SPACIAL DIMENSION — GLOBAL KNOWLEDGE — ESTRATEGIC DECISION



**MISSION**

Geoglobal incorporates the spatial aspect of the data in its clients' information systems. In this way, it adds value to the information, significantly improves decision-making processes and contributes towards the competitiveness of its clients.



**Geoglobal**

Founded in 1999, Geoglobal is now a landmark in the Portuguese market of geographical information, with vast experience in the creation of cartography and in the development and integration of geo-information solutions.

# SUSTAINED GROWTH

Geoglobal has been growing in a stable and sustained fashion, responding promptly to the challenges the modern market poses.

This growth represents a solid expansion of our company's business volume.



Geoglobal uses the most recent technology and has the latest specialised equipment. We are also involved in the continuous development of the software applications we use.

# TEAM

Behind Geoglobal's products and services is a highly reliable and responsible team of professionals, originating from several different backgrounds and mostly composed of specialists with higher education degrees.

Geoglobal prides itself on its stability, know-how and professional experience.

# MOTIVATION

Our strategy lies in recognizing the value of and motivating our human resources. We are committed to staff training and development, and seek to automate a number of our procedures in order to make better use of our resources.

## Quality and Licences

We are Officially Licensed to Produce:

- Cartography, namely: Topographic and Grading Charts, Aerial Triangulation, Photogrammetric Plotting, Cataloguing of Cartographic Information, Editing of Cartographic data and Ortorectification; and
- Land-Survey Records

We are committed to the quality of our products and services and it is for this reason that we are seriously committed to the maintenance of an organizational structure that complies with NP EN ISO 9001:2001 norms.





# ADDED VALUE

We integrate geo-information solutions: we enable our clients to understand the spatial dimension of information, which provides fundamental added-value during decision-making processes, with very positive results in the company's competitiveness.

# ASSURED SUCCESS

We are strongly committed to offering complete and versatile solutions. This corresponds to assured success because it is based on innovation, constant updating, as well as automation and optimisation of procedures. We provide creativity, precision, responsibility and competence.

# GLOBAL STRATEGY

Our strategy is based on maximizing the advantages and uses of the information we produce in several diversified markets, such as: Telecommunications, Utilities, Projects, Engineering, Retail, Pharmaceutical Industry, Banking and Insurance, Central and Local Administration, Tourism, Transports and Logistics.

We base our work on the creation, development and continuous up-dating of a comprehensive database. It is from this source that we create products and specific services for various business areas, entirely focused on the needs of each client.

This policy allows us to offer excellent cost/benefit solutions.

Thus, Geoglobal differentiates itself by retaining base information for geo-spatial systems that are highly reliable, accurate and updated.

We face our challenges with technical competence, a dynamic business strategy and innovative approach.

## The Client

We believe that it is fundamental to have a close relationship with the client: it promotes a mutual understanding of the each other's realities and. enhances optimal solutions to rising challenges.

With this close cooperation we hope to satisfy, as much as possible, the needs of our clients.

## Competitiveness

The competitiveness of Geoglobal rests on a continuous search for innovative procedures, sustained by large investments in equipment, software and our technical team. The quality of the information produced and of the services rendered is an essential aspect for the company's success and growth in the future. It is also the key to our competitiveness.







# BUSINESS AREAS

Geoglobal is organized into two complementary and interdependent business areas: GeoData and GeoSolutions.

The development of specific solutions, GeoSolutions, is based on GeoData. The latter, on the other hand, grows in volume, reliability, accuracy and applicability through the development of the specific applications.

## GEO·DATA

CREATION, EDITING AND PROCESSING OF GEOGRAPHIC INFORMATION.

**Cartography:**

- Orthophotomaps
- Topography and grading charts for engineering applications
- Land-surveys
- Standard high resolution cartography
- Cartography of the national cartographic series
- Digital Surface Models (Terrain and/or Buildings)
- Customized cartography
- Tracking, geo-referencing and cartographic integration
- Territory Occupancy Models, clutters

**Spatial Data Bases:**

- Customization and information geo-referencing (points of interest, postal addresses)
- Spatial distribution of socio-economic variables
- Spatial location of postal addresses

## GEO·SOLUTIONS

GEOGRAPHIC CONSULTANCY.  
IDENTIFICATION OF PROBLEMS AND IMPLEMENTATION OF SOLUTIONS.

- GeoMarketing **GEOMkt**
- GeoDocuments **GEODoc**
- GeoMobility **GEOMob**
- GeoConsultancy **GEOConsult**
- GeoApplications **GEOSoft**
- GeoNet **GEONet**

## CLIENTS

Telecommunications, Utilities, Projects, Engineering, Retail, Pharmaceutical Industry, Banking and Insurance, Local and Central Administration, Tourism, Transports and Logistics.

# GEO-DATA

Geoglobal is the unquestioned leader in the Portuguese market with regards to the provision of geographic information.

The creation and constant up-dating of the full coverage of Portugal allows us to continuously improve our GeoData bases.

## ORTHOPHOTOMAPS

Images based on aerial photography – analogical or digital or even on digital satellite images. The resolution and detail of these products can always be adjusted to the client's needs.



Lisbon

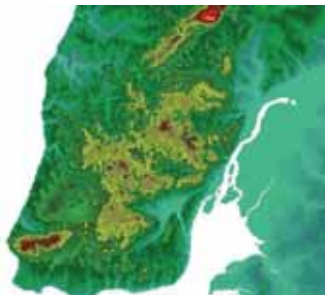


Cuba - Alentejo

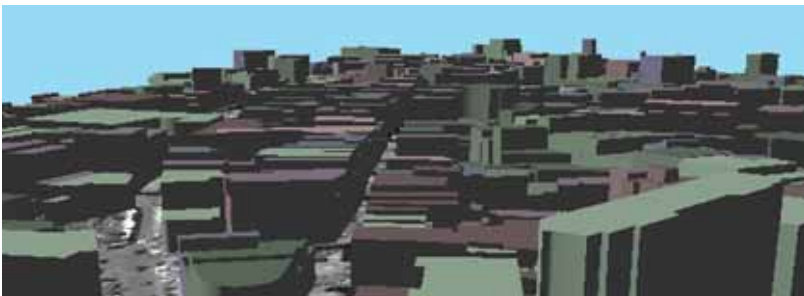
## STANDARD CARTOGRAPHY OF HIGH RESOLUTION

Cartography compatible with any graphic scale using digital photogrammetric techniques or topographic surveys.

# DIGITAL SURFACE MODELS



Digital Terrain Model - Lisbon



Digital Building Model - Porto

# OFFICIAL CARTOGRAPHY

Official cartography at several different scales done in compliance with the regulations and guidelines set by the Portuguese Geographic Institute.



Topo-cartographic numeric Model - Praça da República - Cuba

# CUSTOMIZED CARTOGRAPHY

Production of cartography with surveys focusing on different aspects of information, done in accordance to the client's needs. Geoglobal has teams specialized in field surveys. These teams use internally developed specific software along with the latest instruments and technology in the gathering of geographical information, such as PDAs or laptops connected to GPS via Bluetooth ® which registers all the information gathered. For example:

- |   |                  |
|---|------------------|
| Roads                                     | Railroad network |
| Limits of building                        | Toponymy         |
| Interior and exterior limits of pavements | Areas of water   |
| Garden walls                              | Green areas      |
| Door numbers                              |                  |

# SPATIAL DATA BASE

Customization of alphanumeric data with subsequent geo-referral: use of address-matching automated techniques which cross-check the data to be geo-referenced with Geoglobal's GeoData base (locality, name of road and door number).

Also: geo-referencing of important points through field surveys using GPS technology.



# GEO-SOLUTIONS

The GeoSolutions unit works in close partnership with its clients in order to improve the competitiveness of their business through the supply of tools that enable them to integrate geo-spatial aspects in their processes.

## GEOMkt

Analysis of the geographic distribution of clients, accompaniment of marketing operations on the ground, identification of potential competitors and areas of influence, spatial analysis of market penetration, identification of areas with business development potential.



## GEODoc

Digitalization services and document management systems supported (or not) on geo-spatial information.

**Compilation of information** – capturing images, identification and classification of standard documents, capture of text via OCR, indexation and validation.

**Storage and broadcasting** – transferring of documents and contents validated in specific databanks, according to set formats and resolutions and incorporation in various document and content management systems.

**Content Management** – Document Management Systems.

## GEOMob

Solutions for the localization and logistical control of people, vehicles, events, services, commercial proposals, etc.; and for mobility support (selection of routes, means of transport, etc.), using such varied technology as GPS, WI-FI, GSM, RFID, SMS, Bluetooth®, and so forth.  
The combination of various technologies makes it possible to send, receive and disseminate information in real time.



## GEOConsult

In the consultancy area, we provide support to companies in the production of spatial studies, control and inspection tasks, method implementation and the integration of data and/or tools of geographic information:

**Spatial Studies** – studies of terrain (national or foreign) with compilation and association of various sources of information: support in expansion measures, support in the implementation of new business opportunities and viability studies.

**Control and Inspection** – analysis of cartographic and geographic data in order to check that the project delivered by the production entity complies with the client's technical specifications and schedule.

**Integration** – identification of the tools and the specification of the technical parameters of the data models that best answer each client's needs.

## GEOSoft

Design and development of software applications for a great variety of solutions, thus responding to the specific needs of each client with regards to the geo-spatial and mobility elements: solutions that can be integrated with Enterprise Resource Planning (ERP); Customer Relationship Management (CRM); Fleet Management, Call Centres, and so forth.

## GEONet

Geographic information that can be accessed from any location. Geoglobal sees the utilization of the web as an exceptional form in which to distribute and analyse geographic and alphanumeric information. We design and develop portals and web solutions based on geographic information, as well as platforms that assist the mobility of people and goods. We also develop and integrate our web-mapping applications in the organizational systems of other companies.







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