

Harness the power
of spatial information



 atlantic geomatics (uk) ltd



Presentation of spatial data (maps, aerial photographs for example) requires creativity and imagination. We aim to reap maximum use from spatial data using maps and images through a variety of media giving the following benefits:

- generation of revenue through product sales
- sharing of information thus reducing costs
- increased awareness of your product or service
- more intuitive products
- merging of different data sources for flexibility and interactive viewing.



For you to reap the full benefit from spatial information it must be displayed in a clear and attractive manner. Atlantic Geomatics will study your spatial data requirements and consider the most appropriate way to present the information in a clear and concise manner.

Standards and Specifications

Atlantic Geomatics will consider with you

- how the data will be managed and maintained
- update and revision policy
- pricing of the map data
- the skills required of staff in a digital era
- use by third parties

and then produce comprehensive specifications tailored to your mapping requirements.

Presentation

You can specify if

- you need large or small scale maps
- you require paper or digital mapping
- it will be available on-line
- it will be interactive.

Atlantic Geomatics can also incorporate existing aerial or satellite images and any other additional data you require.

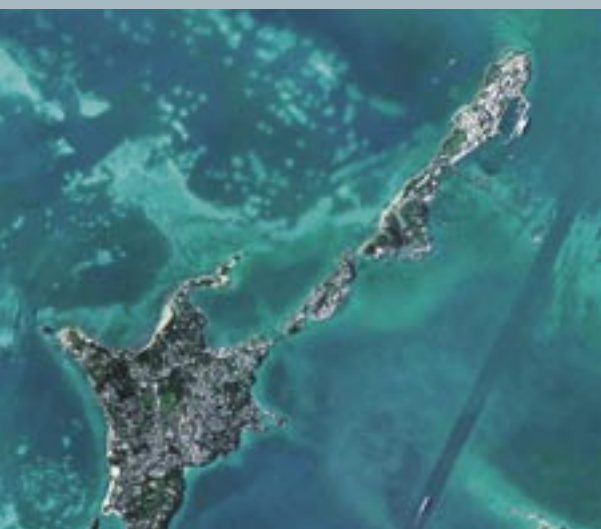
Value added products

Creative and attractive alternative products can provide added value including

- revenue generation
- marketing and advertising
- cost recovery.

These could take the form of

- postcards
- prints
- street guides.





Our experience in surveying and the use of advanced techniques provide us with a thorough understanding of spatial data in the real world, some of the benefits of which are

- flexible and efficient on-site data capture
- an appreciation of client requirements
- high standards and quality of surveys
- an extensive portfolio.



Land surveys

Utility management ▪ Civil engineering and construction industry

Land owners ▪ Forestry ▪ Quarries and mineral extraction

Environmental and conservation groups ▪ Golf courses

Large and small scale topographical mapping of the natural and as-built environments. Map revision and specification updates. Precision measurement using GPS and traditional surveys. Area and volume analysis.

Harbours and rivers

Environmental and conservation groups ▪ Harbour and port authorities

▪ Water authorities

Surveys of water courses and flood plains for 3-D modelling. Coastal monitoring and erosion. Near-shore surveys.

Building plans and elevations

Architects ▪ Developers ▪ Facilities and estate management

▪ Historic buildings and monuments

Large scale internal floor plans to client requirements. External elevations. Inventory surveys and facilities management. Safety plans.

Property boundaries

Land & property owners ▪ Estate managers ▪ Land agents

Provision of impartial advice and consultancy on boundary disputes. Expert witness in cases of arbitration. Investigation of historical evidence. Production of reports. Survey of determined boundaries. Boundary demarcation.

Re-establishment of lost boundaries.

Control networks

Civil engineers ▪ National and local government mapping authorities

▪ Environmental and conservation groups

Geo-referenced control for the natural and as-built environments. Large civil engineering projects. Small site developments. Movement monitoring and deformation. Installation, measurement and calculation of control.

Spatial data capture

Local authorities ▪ Utility companies ▪ Industrial complexes

Acquisition of data by direct or remote methods. Custom solutions for the management, presentation and interrogation of geospatial datasets. Location of assets. Street furniture.





The effective use of geographic information opens many new and exciting ways to run your organisation or business. Developing an efficient solution will bring the following key benefits

- improve the ease of access to information
- commercial opportunities for users and data contributors
- improve the quality of data sets through the use of common standards
- minimise duplication of both data and effort
- considerable cost reductions.



Do these problems sound familiar?

One-size-fits-all software often fits everyone badly ▪ Off-the-shelf software isn't specific enough ▪ You don't feel you're getting the support you need to get the best out of your system ▪ You can only exploit parts of the software ▪ It's hard to co-ordinate data from all your departments ▪ You get too much or too little information ▪ Abstract ideas can be hard to grasp ▪ Consultants sometimes provide impractical reports and leave before you're up to speed ▪ There is duplication of effort ▪ People assume someone else is doing the work.

At Atlantic Geomatics we look at your project with an independent eye and help everyone concerned to

- identify duplications – of effort, cost and time
- identify gaps in the data
- reduce inconsistency
- standardise data collection and use
- share key data sets.

Atlantic Geomatics shows you how to harness the power of spatial information. We will

- identify your need for a geographical information system (GIS)
- evaluate and organise the spatial data you need for your project
- recommend the application that best meets your organisational requirements
- develop and implement a system that saves time, money and effort
- train you and your staff to use the solution to maximise output
- support you – for as long as you need – when your solution is in place.

Whether you want a web-based application, an intranet solution or a stand-alone application, Atlantic Geomatics will move your business forward.



Atlantic Geomatics supplies high quality geographic information systems (GIS) to public and private sector organisations worldwide. Our solutions ensure you get effective capture, management and display of spatially referenced data for solving complex planning, management and commercial issues – from demographic marketing to government mapping. Our bespoke, cost-effective solutions are specific to your needs. We enhance your long-term capability by effecting skills transfer to your staff throughout the project.

By harnessing the power of spatial information, Atlantic Geomatics enables you to make informed decisions quickly and efficiently.

Based in the UK, Atlantic Geomatics has evolved out of a traditional land survey company, established in 1973 and offering experience drawn from projects undertaken in the UK, Africa, the Caribbean and the Middle East.

Our partnership with Atlantic Geomatics Research Inc, based in Nova Scotia, Canada, strengthens our expertise. In addition our team of qualified and experienced land surveyors continues to carry out topographic surveys.



atlantic geomatics (UK) ltd

Aldby Farm
Dacre, Penrith
Cumbria CA11 0HN
United Kingdom

tel: +44 (0) 17684 83310
fax: +44 (0) 17684 83308
email: enquiries@atlanticgeomatics.co.uk
www.atlanticgeomatics.co.uk