Intertek’s team of GIS specialists and developers, carry a breadth of experience in the capture, visualisation, validation, management and manipulation of geospatial data. Our systems and applications are developed using industry leading GIS software.

GIS ensures a strong spatial and temporal analysis capability, providing consolidation of information and improved understanding of the spatial and temporal context.

GIS is an effective way to store, manage, utilise and distribute the valuable data and associated reporting. Intertek have a proven history in developing leading and bespoke GIS systems, delivering these to clients across our operating sectors.

Reducing cost & securing compliance
Intertek's bespoke GIS service

At Intertek, we have developed a variety of in-house tools for effective and efficient management of GIS data, as well as a suite of bespoke mapping tools. In addition we are experts in interfacing real world with the modelling environment.

We will work with you to develop a bespoke solution to meet your specific needs.

At Intertek we offer:

• a unique combination of environmental and GIS system development skills
• a proven track record of web and standalone GIS systems for differing environmental landscapes
• the ability to transfer expertise across sectors to maximise client value.

GIS and data management are integral to any project's success and are used to store, manage, utilise and distribute the valuable data associated with a project. GIS helps with consolidating information, and provides a better understanding of each data set and how it relates to other data within a spatial and temporal context. Intertek has vast expertise in handling project data, and effectively integrating these into GIS.

Our skills

All our work is undertaken to strict quality assurance protocols. We have developed numerous in-house tools for effective and efficient management of GIS data, as well as a suite of bespoke mapping tools.

Our services include:

• Cartography
• Design of bespoke GIS tools
• Spatial data analysis and modelling
• Interactive WebGIS Solutions
• Data collation and management
• Site selection
• Bathymetric comparisons
• Feasibility and constraints analysis
• Alignment Chart production
• Lidar interpretation and analysis
• Data conversion, integration and interoperability
• Document management systems
• Real time data monitoring

GIS Applications

Our GIS applications include:

• Cable and pipeline routing - from high level route design to micro-routing
• Feasibility and constraints mapping
• Site selection – including outfall relocation
• Landfall assessment
• Visualisation of modelling results
• Trenching suitability assessment
• Windfarm cable array optimisation
• Vessel density mapping
• Real time monitoring for operations and maintenance
• Cable failure risk assessment
• Cable burial risk assessment
• Vessel movements visualisation
• Channel migration analysis
• Livestock analysis for bacterial modelling
• Survey specification and optimisation

For more information please visit www.intertek.com or contact us at energy.water.info@intertek.com or call us +44 (0) 1428 727800

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