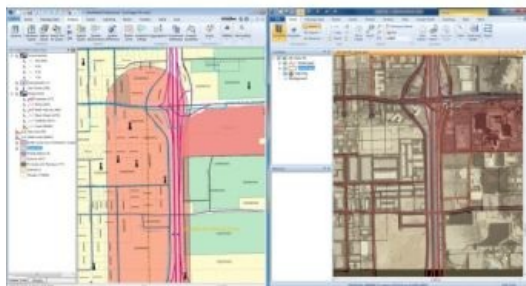# Bulgaria Implements Geospatial Technology to Enhance Shipping

Hexagon Geospatial has announced that the Bulgarian Ports Infrastructure Company is now using GeoMedia Web Map and GeoMedia for the design of a new GIS system. This system will manage port infrastructure to improve conditions for the movement of vessels on the Danube River and in the Bulgarian maritime spaces, as well as to enhance overall infrastructure efforts.

In partnership with TechnoLogica, a leading Bulgarian software company, Hexagon Geospatial's products are being used for maintaining geospatial data around port infrastructure, land, buildings, structures, road and rail terminals, warehouses, and adjacent water areas. This effort will also lay the foundation for common spatial object models for the port, as well as for maintaining an operational picture of the state of infrastructure and water area of the port.

Through the use of GeoMedia, the Bulgarian Ports Infrastructure Company will be able to provide powerful functionality for creating, maintaining, analysing and visualising port data, as well as for enhancing the exchange of information between internal and external systems. The new system will also be used to support functions such as spatial data management, digital drawings and schemes archive and INSPIRE compatible portal as a part of the national SDI.

Visualising geospatial data

The need for visualising geospatial data in port environments has never been greater, said Mladen Stojic, president, Hexagon Geospatial. By implementing Hexagon Geospatial's technology, the Bulgarian Ports Infrastructure Company will be able to enhance operations, improve infrastructure conditions and streamline decision making processes.

This project was made possible thanks to the use of next-generation geospatial technologies, combined with the deep domain expertise and knowledge of both TechnoLogica and Hexagon Geospatial, said Claudio Mingrino, executive director EMEA, Hexagon Geospatial. This story illustrates how similar organisations can effectively use the tools from Hexagon Geospatial to meet their needs, he added.

This effort supports the future development, reconstruction and modernisation of the port infrastructure, and the importance of incorporating advanced telecommunications and information technologies.

Bulgarian Ports Infrastructure Company is a state company of the Bulgarian Ministry of Transport, Information Technology and Communications, which manages the infrastructure of the public transport ports of national importance. The agency supports construction, rehabilitation and reconstruction, as well as the maintenance of new access channels, port water areas, sea and river depots for dumping of dredging mass, piers and protective installations.

https://www.gim-international.com/content/article/bulgaria-implements-geospatial-technology-to-enhance-shipping