

Brasov Enhances Information Management for Infrastructure & Services

Brasov City Hall | Romania

Government departments within major cities manage vast amounts of geospatial data. While each department may have its own specific information requirements, easy access to centralized data can improve workflows enterprise-wide. Brasov City Hall recognized the need to develop an integrated IT system to modernize public services and administration across all departments. It wanted to improve governmental transparency by

making more data available internally and externally, including geospatial information, which serves as a valuable tool for infrastructure management. With most of the city's municipal workflows managed with paper maps, a gradual shift to IT automation would significantly improve organization, management, and maintenance of geospatial data.



Brasov wanted a complete geospatial solution to manage and integrate data from 36 departments, as well as 10 subordinated public services.

Identifying the Right Approach

Brasov decided to develop a single IT system capable of automating all daily workflows using geospatial data. It also wanted to unify all urban data into a single geospatial database and improve support systems to enable fast and accurate decision-making. It envisioned many benefits to such an approach, including providing users with direct access to data without having to make requests and ensuring geospatial data would be accurate and up-to-date without conflicts or redundancies. Further, it would enable Brasov departments to communicate and share data with other institutions.

After identifying the need for an information system and the areas it should encompass, Brasov selected Hexagon's geospatial solutions. Hexagon offered valuable expertise through its work with governments around the world developing systems for public administration and infrastructure management. Brasov was confident in Hexagon's ability to develop a solution to meet its particular needs, and in the advanced capabilities of Hexagon's GeoMedia software, upon which the solution would be built.

The project had support from management across City Hall. Officials developed an implementation strategy that included technical details, financials, scheduling, and objectives.

Deploying a Comprehensive Solution

The city worked with Hexagon to develop a geospatial data exchange among institutions. A centralized database manages all data, with City Hall serving as the hub for data collection and distribution. The city can respond to specific needs and send particular sets of requested data. Decision-makers know they have up-to-date and accurate information, as well as the support needed to make better decisions for the city.

Online data-sharing is a key component of the system and meets the primary goal of an interoperable geospatial solution for all city departments. In addition, the city can easily share data with other organizations and the public. Brasov can provide access to geospatial information to anyone who needs it, enhancing land development strategies, urban planning projects, cadaster, utilities and transportation management, capital planning, and more.

At a Glance

The Challenge

Brasov City Hall recognized the need to develop an integrated IT system to modernize public services and administration across all departments. It wanted to improve governmental transparency by making more data available internally and externally. With most of the city's municipal workflows managed with paper maps, a gradual shift to IT automation would significantly improve organization, management, and maintenance of geospatial data.

The Solution

The city worked with Hexagon to develop a geospatial data exchange among institutions. With Hexagon solutions, a centralized database manages all data. Decision-makers have up-to-date and accurate information and the support needed to make better decisions. Online data-sharing is a key component of the system, and meets the primary goal of an interoperable geospatial solution for all city departments. Also, the system delivers multiple services to citizens through a web portal. With Hexagon solutions, Brasov has streamlined workflows for the entire city government.





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In addition to a complete infrastructure management solution for the city, the system delivers multiple services to citizens through a web portal. Users can go to Brasov's website and view comprehensive map data and other information. They can click on any specific map location and visualize detailed information, which includes tourism updates, progress on road construction, snow removal schedules, commercial spaces for sale, work bids, and more. Users can make multiple queries, visualize each search, and keep previous searches in the legend for re-use.

With Hexagon's geospatial foundation and solutions, Brasov has streamlined workflows for the entire city government. Anyone who needs data can access it whenever they need it, which improves decision-making at all levels.

“Without local and constant support from Hexagon and its experience with such huge projects, a lot of things could have gone wrong.”

Contact us

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Hexagon's Geospatial division creates solutions that visualize location intelligence. From the desktop to the browser to the edge, we bridge the divide between the geospatial and the operational worlds.

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