

JMap® News

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The City of Hanoi implements JMap

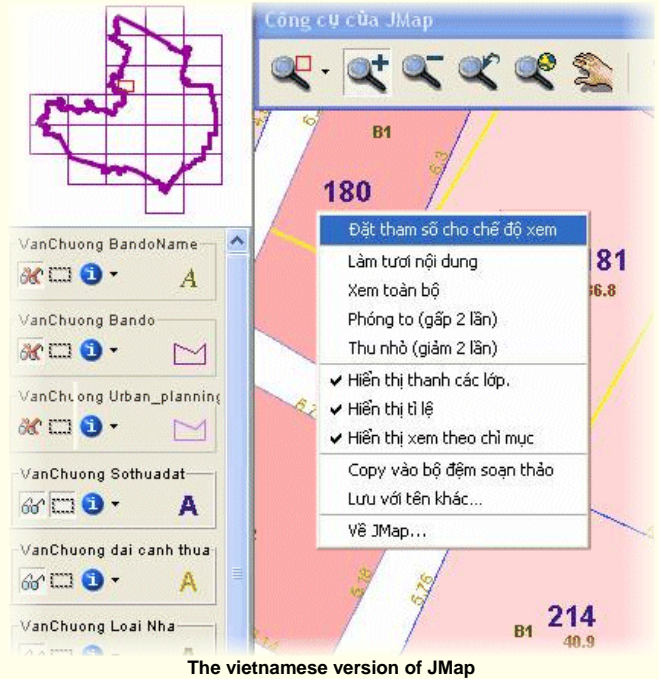
From October 10 to 26, 2003, a delegation made up of members from KHEOPS, the University of Montreal, and the City of Montreal was in Hanoi, the capital of Vietnam. The goal of the mission was to implement a JMap-based system at the Department of Land Development of this two-million-resident city.

This mission is part of a program financed by the Canadian International Development Agency (CIDA) whose aim is to improve urban planning by implementing a land information system (LIS). The current project represents a transfer of GIS technology and expertise between the City of Montreal and the City of Hanoi.

For several years, Vietnam has been gradually transforming from a planned economy to a market-based economy, a transformation that has generated unprecedented growth. The City of Hanoi is greatly benefiting from this growth, and local authorities have had difficulty controlling the construction of residential, commercial and industrial real estate. Long delays in the delivery of construction permits represent a major hindrance to economic development.

The JMap-based system installed in October allows City authorities to deliver certificates of ownership in an efficient fashion. The system's user interface allows city clerks to research properties (by name, by address, etc.), and to deliver documents that contain a detailed map outlining property limits, as well as all information relevant to the property. The delivery of such documents greatly improves decision making for deliveries of construction permits throughout the city of Hanoi. In order to meet this project's objectives, JMap 2.6 client applications were entirely translated into Vietnamese.

In addition to the custom development (undertaken in the summer of 2003), and the installation of the application on site, the members of the delegation also provided education to city employees on the new system as well as on the entire process of spatial data production and management. With regard to the latter, the City of Hanoi is using Bentley Systems' Microstation technology. A second mission is planned for the spring of 2004 in order to implement new functionality in the JMap-based application.



DON'T MISS IT!

The JMap Canadian Seminar Series

Log on to our Web site and register online for one of our Winter 2004 seminars which will take place in several cities in Ontario and Quebec

These free-of-charge three-hour seminars will show you why so many organizations have already chosen JMap as their preferred distributed spatial solution.



Our New Website

KHEOPS's new website has been online since December 8, 2003. This new site contains more information than the former site, and a new user-friendly interface.

A new section of the site, called **myJMap**, allows JMap customers, partners and aficionados to access a great number of online services such as demos, downloadable documents on the product line, and technical support.

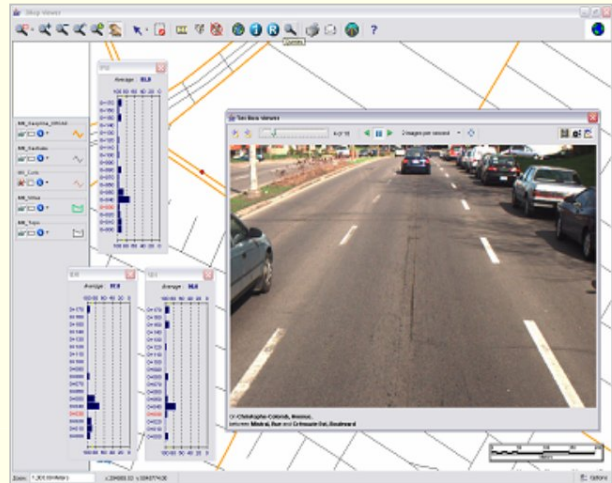
Check it out on www.kheops-tech.com

The City of Montreal queries road pavement information with JMap

KHEOPS won a contract from the City of Montreal to develop a system for the online querying of pavement photography and quality indices. The system accesses data previously acquired by the city's pavement inspection system.

This new application involves JMap and a dedicated JMap extension. Through its user interface, employees of all boroughs and of the city-wide public works department can remotely access the entire data repository. It is part of a global initiative which started with the systematic inventory of geo-referenced pavement photography on all major streets of Montreal. The entire set was then analyzed in order to qualify the state of the pavement. The JMap-based system now provides access to all of the images and data resulting from this thorough analysis.

The application was developed in the fall of 2003, and will be operational in January 2004. It was completed in cooperation with CRCAC, a Montreal-based company specializing in pavement inspection.



The JMap Expert: Dynamic Data

In addition to reading numerous raster and vector formats, JMap allows users to integrate dynamic data simply and efficiently. Many existing JMap customers display the real time position of a vehicle – which corresponds to a continuous refresh of a point's coordinates. However, JMap is also capable of other real-time updates, which are less common but just as powerful as real-time positioning. JMap administrators who attended the technical workshop of the users conference were shown many of these, such as:

- Spatial attribute update on polygons and lines. This enables the display of the evolution of a zone of pollution, or the total itinerary of a vehicle from its starting point,
- Thematic attribute update, which will automatically modify the color of road segments on the basis of traffic level, or the symbology of a network element on the basis of a state system.
- Tooltip attribute update, usually used in conjunction with thematic mapping, which will provide real-time information on the causes of the update ("accident on Route 20 Northbound")

By the simplicity of its integration API, JMap is rapidly becoming a leading technology for the deployment of real-time distributed spatial applications.

In Brief...



A New Partner

KHEOPS is proud to announce a new business partnership with CMTek, a systems integrator with offices in London, Paris, and Montreal. With its team of over 50 architects, consultants, developers and program managers, CMTek deploys high-volume transactional systems over the Web, principally for government, finance, insurance and telecommunication organizations. CMTek is currently deploying JMap as part of a geomarketing project.

JMap Users Conference: a Great success

The first JMap Users Conference took place in Montreal on September 24-25, 2003, with great success. On Sept. 24th, 22 JMap Administrators took part in a Technical Workshop and learned about optimal JMap implementation and third-party integration. On Sept. 25th, more than 60 clients and partners gathered at the Montreal Science Centre for a full day of presentations, demonstrations, and lively discussions. A special tribute was paid by Jacques Charron, President of KHEOPS, to the City of Montreal, the very first adopter of the JMap technology.

Send comments and suggestions to jmap-news@kheops-tech.com



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