Abstract

Development of GIS Based Vehicle Dispatch and Delivery Planning Support System

Track: Location Services

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Most of the plannings for dispatching and delivering of public merchandises are still manually carried out by the expert planners of the transportation agencies in Japan. However, it is difficult to maintain the efficiency if there is a sudden change of the specified time and locations of the deliverables due to excessive demands. Realizing this, we decided to develop a GIS based Vehicle Dispatch and Delivery Planning Support System that analyzes location and road network information. In this paper the key technologies and efficiency of the system will be presented.

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