

DISTRIBUTING NATIONAL GEOSPATIAL INFORMATION RESOURCES USING INTERNET

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The availability of the geospatial information on internet is a major milestone for the Iranian decision-makers. The ease of accessing such information reduces the chance of recollecting the available information; increases the profitability of the companies that are involved in information gathering, and improves the decision making process.

Available geospatial data are first classified based on their scales, and formats (Raster / Vector) such that the potential users can query for the information he/she requires easily. The details of the data provider are then submitted to the user for further communications. If the data are to be sold through the internet a copy of the map will be presented to the user through internet and then it will be sent to the user through the requested approach. A few embedded GIS capabilities such as querying by name, querying by spatial extension, etc. are also added to the system so that the potential users can reach their favorite data more efficiently.

This paper presents the implementation strategies to deliver the National Geospatial Information Resource (NGIR) through internet. It is concluded that the Internet based information delivery adds the margin of profitability of the information gathering companies, and makes the information available once it requested.