Abstract

Space Management and Facility Planning With GIS Using ArcIMS

Track: Architecture Engineering Construction

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Commercial real estate, facility managers, military bases, and other organizations that require information about space utilization traditionally turn to CAD systems to manage their property information. This paper describes how ArcIMS can be used to centralize data access and delivery for space management and strategic planning of building space. Featured topics include performing "what-if" scenarios to calculate room counts and square footages by adding proposed room assignments to blank or existing floorplans on-the-fly, querying space assignments on how space is used and by whom and data conversion utilities to manage floorplans in a GIS.

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