

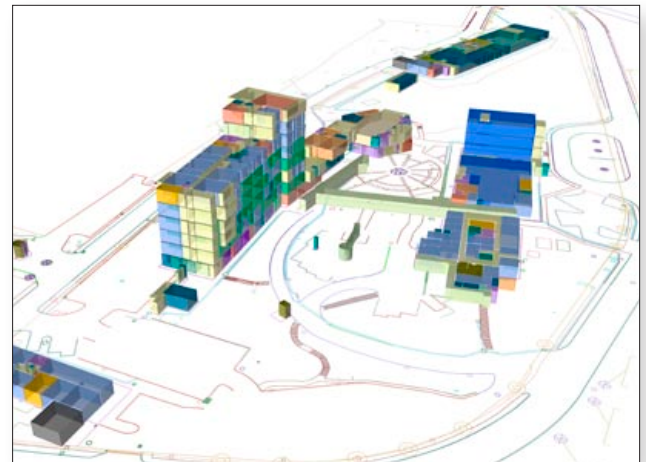


# GIS for Facilities Management

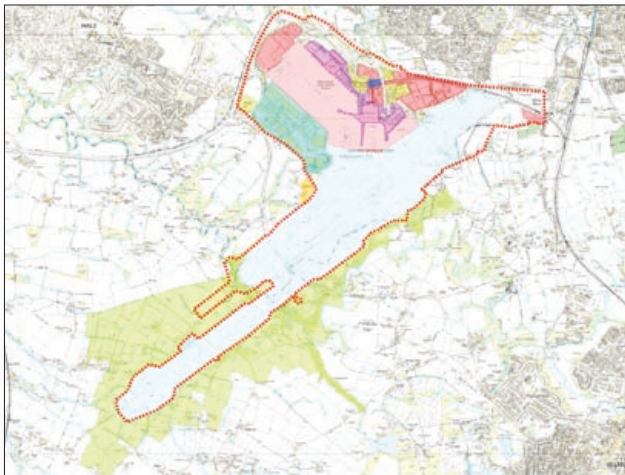
## Improving the Management of Real Property Assets

Geographic information system (GIS) technology manages infrastructure both outside and inside buildings to provide full operational awareness. Use it to optimize existing space, move staff efficiently and map asset conditions. Throughout the facility life cycle, GIS supports you in your mission, from site selection to space planning and maintenance, lease management and usage, safety issues, and continuity planning.

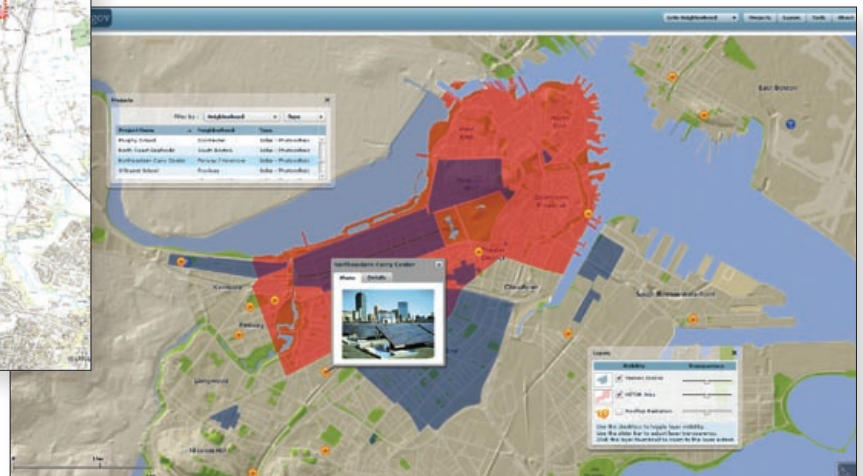
GIS gives organizations a look at their facilities across all scales using the same data and software, allowing them to analyze dependencies, decrease costs, make better decisions, and improve performance management. GIS is a robust information system that supports a diverse set of analytic capabilities, workflows, and applications.



*By leveraging GIS, organizations with large campuses can visualize, analyze, integrate, and share information about facilities in new ways. Here, the Smithsonian Institute, with the help of Penobscot Bay, uses ESRI's ArcGIS to view how space is used inside buildings.*



*Manchester Airport in the United Kingdom manages space used at the airport, saving US\$220,000 and 1,200 person-hours per year.*



*The City of Boston uses ArcGIS to track the progress of citywide solar installations, promoting the use of solar electricity systems to investors, building green, and meeting its Solar America Initiative goals.*



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# Resources for Facilities Management Users

## GIS-CAD-BIM Data Interchange

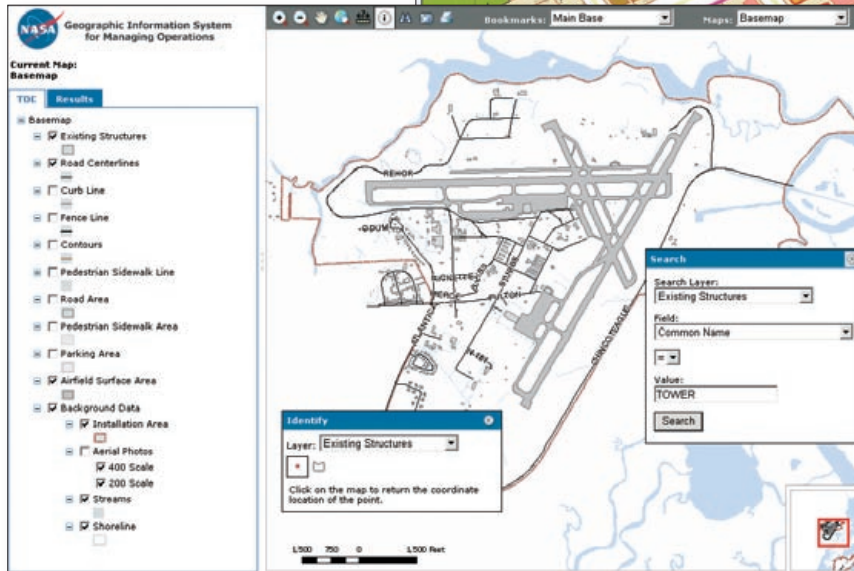
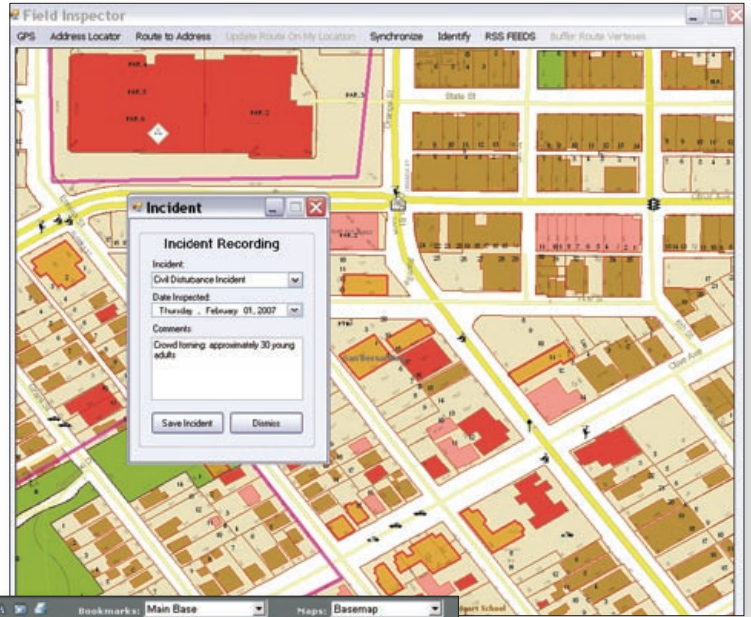
ESRI's ArcGIS® family of products supports many CAD data formats and OGC, Inc., Web services including WFS, WMS, and WCS .

## Building Interior Space Data Model

Data models and standardized templates for more than 20 industries exist to make using, managing, and sharing data from a geodatabase efficient. The Building Interior Space Data Model (BISDM) has been created specifically for facilities managers to support space, asset, and move management applications.

## A Community of Users

Subscribe to ESRI's *Smart Facilities* e-newsletter for the latest news and information in the facilities management space.



*ArcGIS allows military and defense users to view and analyze information both inside and outside buildings in one seamless environment.*

*NASA's Goddard Space Flight Center's Wallops Flight Facility provides access to facilities data to anyone who needs it.*



*GIS for Facilities Management: A Complete Solution for Planning, Maintaining, and Using Building Space and Assets*



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