Abstract

Using ArcIMS to Track Land Use Controls for the U.S. Navy

Track: Defense and Intelligence

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The U.S. Navy's Base Realignment and Closure (BRAC) office was tasked with tracking the disposal of property for 90 base closures. These disposals required proactive prevention of risks to human health and environment by tracking properties with Land Use Controls (LUC). In response, Booz Allen Hamilton developed the LUC Information System (LUCIS) allowing BRAC to track these properties with an Internet Based GIS. LUCIS is the first of its kind for DoD and other federal agencies to use ArcIMS technology and GIS to track properties with LUCs, serving as a model for others to follow. As the site has matured, Booz Allen has worked with the Navy to develop tools that will provide more intuitive navigation and user-friendly access. To achieve this goal, Booz Allen has recently migrated LUCIS from MapObjects to ArcIMS. As a result, the site now offers advanced mapping tools, search capabilities using predefined queries, and sophisticated map presentation.

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