

SUCCESS STORY

▶▶▶ MAINTAINING A GIS SERVICE CENTER FOR THE U.S. ARMY CORPS OF ENGINEERS

PROBLEM

The mission of the U.S. Army Corps of Engineers (USACE) Omaha District involves Civil, Military and Environmental Projects. Geographic Information Systems (GIS) is a tool to facilitate the USACE missions in a cost-effective and intelligent manner. Government personnel and contractors involved in the USACE GIS mission are to support and coordinate all automated data activities involving GIS, Remote Sensing, Document Management, and analyze spatial data for the USACE user community in developing, testing, implementing, maintaining, and managing different Automated Data processing (ADP) applications which support the organizational mission related goals. The USACE needed additional support and expertise to carry out its mission for the support center.

SOLUTION

ADC's staff is responsible for maintaining the districts Enterprise GIS through on-site and off-site support. ADC employees provide expertise in the application of GIS to Corps of Engineers missions including but not limited to assisting USACE personnel in deploying and utilizing GIS technology, script writing, analysis and development of applications documentation, creation of maps, reports, tables and summary abstracts. ADC has a strong presence in developing data access via Intranet and Internet. Duties also include custom programming in both GIS and non-GIS languages, maintaining and expanding a multi-terabyte GIS system and interfaces.

The GSC is also charged with researching new GIS technology and providing informed recommendations for future migration paths. With well over 250 users, such migration must be well planned and cost effective. ADC employees take advantage of the main Eau Claire office's GIS Technology Division that is devoted to their responsibility for ensuring ADC follows sound, economical and effective technical directions in the arena of developing technology.

RESULTS

ADC continues to support the GIS Service Center, providing a wide range of both GIS expertise and experience with each specific departmental area. While many of the support calls to the GSC are software or data related in nature, the GSC personnel are also used as a resource for the District personnel who are interested in expanding the use of GIS in their projects or applications. ADC reviews their requirements and then assists them in developing GIS tools applications that will meet their needs.

