Enterprise GIS Improves Efficiency

Since becoming the first customer to take advantage of Esri's Small Government Enterprise License Agreement (ELA) programme in 2008, Wayne County (US) Pennsylvania's GIS has increased efficiency and public services in a variety of areas. The county is renewing its ELA for another three years, ensuring continued access toArcGIS software to further develop the county's enterprise-wide GIS.

Through its original ELA, Wayne County centralised six departments' geodatabases and deployed a variety of resources built on ArcGIS technology, including internal applications that allow non-GIS users, such as elections department staff, to access information and verify records; the online Wayne County GIS Department Public Map, which provides details on addressing, structures, tax records, roads, hydrology, natural gas wells, and more, along with current and historic aerial photography; a coordinated emergency response system that synchronises the county's remotely hosted 911 system with its enterprise GIS to give public safety staff immediate access to the most current geospatial information and an automatic location identification (ALI) system within the GIS that pinpoints the precise source of telecommunications for emergency personnel.

Future GIS-based solutions will include an application that provides field assessors with synchronous tax and property data on their laptops throughout the day, taking the guesswork out of identifying property lines and structural modifications.

"As we bring GIS across the organisation, it helps departments communicate, reduces data redundancies, and lets everyone know what info is available," says Wayne County GIS coordinator Aaron Lankford, GISP. "With the ArcGIS license, the issue is not about what you can do with GIS. Instead, it's about what you want to do."

Lankford says comprehensive licensing provided through the ELA makes it easy for county departments to obtain geospatial solutions to suit their needs—from ArcGIS Desktop for planning and assessment staff to ArcGIS Server and selected extensions for the county's GIS team.

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