



GEO-ENABLING GOVERNMENT BUSINESS PRACTICES

CENTERS FOR DISEASE CONTROL ENTERPRISE GIS IMPLEMENTATION

Background: The CDC's mission is to protect the health of the nation through research, prevention, treatment and education. The CDC uses geospatial information and technology in the tracking, prevention of and response to health problems both internationally and domestically.

Value Statement: Geospatial information and technology are integral to nearly all aspects of CDC's mission. Person, place and time are three key concepts in epidemiological studies, and GIS can leverage them together to save lives. In order to maximize its use of geospatial resources, CDC created an Enterprise GIS Office that coordinates the use of GIS data and software across the agency. CDC's Enterprise GIS implementation has helped the agency better manage data derived from numerous government and private sources. Improving geospatial data management helps GIS analysts across CDC to model factors affecting health and disease transmission in a target area. Additionally, CDC's enterprise GIS consolidated software license across the organization, which saves over \$100,000 per year and many hours of procurement work.

