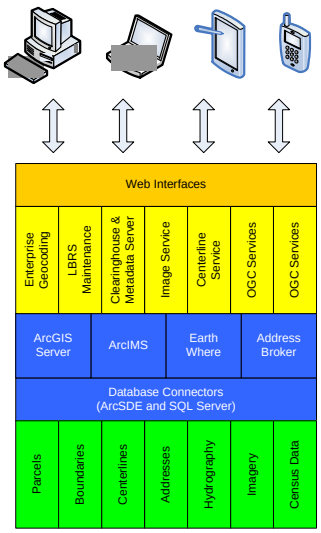
GIServOhio Overview



GIServOhio is a service-oriented architecture to deliver spatial data resources, applications and services to end users and client applications. GIServOhio consists of hardware and software to deliver these services. Over time, as more applications and services are provided through GIServOhio, this architecture will evolve.

Background

In 2001, the Ohio Geographically Referenced Information Program (OGRIP) conducted the Ohio Spatial Data Cost-Benefit Analysis. The goal of this analysis was to determine whether Ohio could receive a greater return on its investment by managing common spatial data and activities in a centralized fashion. One of the key recommendations of this study was to establish a clearinghouse that supports collaborative efforts in spatial data development, maintenance and usage. GIServOhio is the implementation of this recommendation.

GIServOhio

GIServOhio is a service-oriented platform that delivers spatial data resources, applications and services to end-users, GIS professionals and client applications.

Clearinghouse & Metadata Services

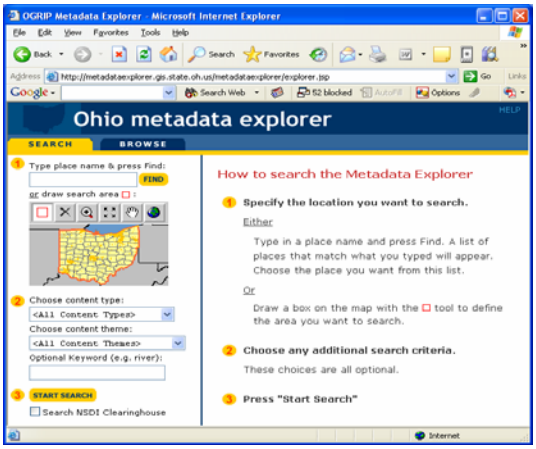
GIServOhio currently provides access to over 29,000 Federal and State spatial data sets covering Ohio. Nearly 5,000 of these data sets are fully described in the Ohio Metadata Server, an online searchable catalog that links users with spatial data sets and resources. End-users and GIS professionals can search the catalog to identify the spatial data that is available and help determine which data set is most appropriate to their application. Over 1,100 data sets cataloged in the Ohio Metadata Server are available from the Ohio Department of Natural Resources.

Enterprise Geocoding Service

The Enterprise Geocoding Service (EGS) provides state agencies with address standardization, geocoding and spatial analytical capabilities. Address standardization will correct misspellings, incomplete or poorly formed addresses. +4 is appended to ZIP Codes. Latitude and longitude coordinates are associated with each address, allowing it to be viewed and analyzed in a new light.

County GIS Profile Survey

Local government activities must be documented and assets coordinated if the benefits of a comprehensive statewide GIS program are to be realized. This understanding of data capture, updates and maintenance of spatial data will dictate the components of such a program.



Current Uses

Location Based Response System (LBRS)
Streamlined Sales Tax Program (SSTP)
Multi-Agency Radio Communication System (MARCS)
Ohio Job Insurance System (OJI)
Statewide Automated Child Welfare Information System (SACWIS)
Home Energy Assistance Program (HEAP)
Motor Vehicle Registration and Cross County Titling

Benefits

Less duplication
Improved accuracy and reliability
Enterprise collaboration
Intangible benefits