

Enterprise Standards: 4000 Information / Data Domain

Category: 4030 Geographic Information Systems - Data Standards

Definition:

The [Geographic Information Advisory Council](#) has custodial responsibility for GIS data standards, which include the exchange of geospatial data and metadata elements.

Rationale:

Approved Standard(s):

[Spatial Data Transfer Standard \(SDTS\)](#), known [FIPS 173](#) for exchange of data created by GIS
Federal Geographic Data Committee (FGDC) Metadata Standard, Sections 1 and 7

Approved Product(s):

Spatial Metadata Management System (SMMS), version 2.X, metadata authoring software, from [RTSe USA](#)

Justification:

The Metadata Subcommittee of the Geographic Information Advisory Council benchmarked several metadata authoring tools. Spatial Metadata Management System (SMMS) is the approved product for metadata creation. The tool was tailored to Kentucky to include only sections 1 and 7 of the FGDC metadata standard to comply with the accepted Kentucky metadata standard. SMMS is a FGDC compliant tool for managing large amounts of spatial data. It has been designed to not only allow organizations to create FGDC compliant metadata in a highly functional relational database, but also to post files directly to electronic clearinghouse nodes. Other advantages of SMMS include:

- Easily create, manage and distribute Kentucky's section 1 and 7 of FGDC-compliant geospatial metadata
- Maintain a multi-user SQL Server 6.5 or MS Access metadata database
- Minimize data entry with metadata templates
- Rapidly search and retrieve records from your growing metadata database
- Publish internet-ready reports with links to spatial data
- Keep your metadata current with Metadata Management functionality
- Import and export metadata files in ASCII text and SGML
- Share Contacts, Citations and Distribution Methods among metadata sets
- Customize the view to better suit your organization's level of compliance
- Receive extensive online help and technical support
- Convert your entire SMMS 1.0 database with a single command

The approved product operates on Windows 95, Windows 98 and Windows NT workstation.

Technical and Implementation Considerations:

Emerging Trends and Architectural Directions:

Review Cycle:

6 months

Timeline:

Revision date: November 10, 2000

Effective date: July 1, 1997