Abstract

**Building Data Integrity With the Spatial Data Standards**  
**Track:** Database Design, Automation, and Management  
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Data standards are one of the keys to sustainable growth and consistent maintenance in any information management architecture. The Spatial Data Standards (SDS) from the CADD/GIS Technology Center are a good beginning for organizations big and small, centralized or distributed. By developing and evolving data standards to fit the requirements and needs of end-users, good IT managers can simplify workflows for both data providers and enterprise-wide data consumers. The scalability of the SDS enables data to grow from the localized Access data warehouse upwards through SQL Server and Oracle platforms while maintaining the same data structures throughout the growth curve. The introduction of the geodatabase to GIS data management coupled with the SDS standardizes, streamlines, and simplifies the daunting task of information management in the spatial world.

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