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Building a Successful Geospatial Data Sharing Framework: A Ohio DOT Success Story

Presenter

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There is increasing pressure for transportation authorities to share accurate and up-to-date geospatial information with internal, private and public end-users. This presentation will take a look at how District 2 of the Ohio Department of Transportation (Ohio DOT) has enabled the state's geospatial data to be easily accessed by and disseminated to multiple user communities, including government decision makers, consultants and the public. Recognized by the Ohio Geographically Referenced Information Program (OGRIP) with the Ohio GIS Best Practices award in 2008, this Ohio DOT district's award-winning GIS initiative has enabled them to easily contribute accurate and current geospatial information to its internal, private and public entities. It has also enabled the department to conflate and utilize state-wide initiatives, including the Ohio's Location Based Response System (LBRS) and the Ohio State-wide Imagery Program (OSIP), as well as enhance and integrate these initiatives into the district's business practices. The presentation will provide an overview of this initiative and its benefits, as well as highlight achievable strategies for removing common data interoperability challenges that often present a barrier to exchanging geospatial data originating from disparate systems, formats and models. Best practices for enabling easier access, use and dissemination of geospatial data between local, state and federal agencies and with the public and private consultants will also be discussed.