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New York State's New Multi-purpose Road Network

Presenter

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The New York State's New GIS road network contains 140,000 miles of public and private roads, which are topologically connected with nearly 20,000 bridges. One seamless, multi-purpose road network was designed to support linear reference, address geo-coding, network path finding, and multi-scale cartographic representations.

This presentation will explain the data requirements to support these activities, and strategies for maintaining and delivering these capabilities to the user community. A demonstration combining linear reference, address geo-coding, network path finding, and multi-scale cartographic representations will be included. While ArcGIS software will be used to demonstrate these functions, many of the issues discussed will be common to any similar GIS solution.