

5.4.2

Service Oriented Image Management at NYSDOT

Presenter

Eric Floss
National Transportation Practice
Manager
ESRI
efloss@esri.com

Co-Presenter

In search of an easier and more effective way to manage and serve raster-based products, NYSDOT's GIS group examined several image management alternatives using our Esri environment. Esri's new ArcGIS Server Image Server technology quickly demonstrated advantages over other alternatives. The GIS team extensively tested Esri's Image Server over a four month period and found it have many desirable benefits over our current methods of managing NYSDOT's raster products including orthoimagery, elevation data, and photogrammetry products.

NYSDOT is currently in the process of implementing Image Server as an important component of our service oriented GIS architecture. Once in place, Image Server will have the capability to provide raster data sources to not only GIS web and desktop applications, but also to the Department's CAD clients. The presentation will cover our current raster products and methods of management, the alternatives considered for image management, and advantages of the Image Server implementation for the enterprise. The implementation plan for Image Server, including system architecture requirements, will also be discussed.