

# Abstract

## [LINK TO PAPER](#)

### **Philadelphia Assembles Web Services Into a Batch Geocoding Application**

**Track:** ArcWeb Services

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The City of Philadelphia's GIS Services Group is using the .Net Framework to develop a set of Web-based eoservices as a flexible and extensible way to provide geographic data and spatial analysis services to internal City departments including both GIS divisions and traditional application developers that have not yet been able to take advantage of the City's spatial data assets. The core Web services will include Authentication, Address Parsing and Scrubbing, Geocoding, Gazetteer, Point-in-Polygon, Nearest Facility, Map Generation, PDF Report Generation, and Logging services. In order to provide a demonstration of how the services can be assembled into an application, the above building blocks are being assembled into a batch geocoding application to be made available to City departments. The Map Generation, Point-in-Polygon and Nearest Facility services will be constructed using ArcIMS.

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