



Phase 2: Maryland Statewide Addressing Initiative (MSAI) & Maryland Cascading Geocoder

Status Update



MSGIC Quarterly Meeting

1/14/2014

Local Governments



Recap

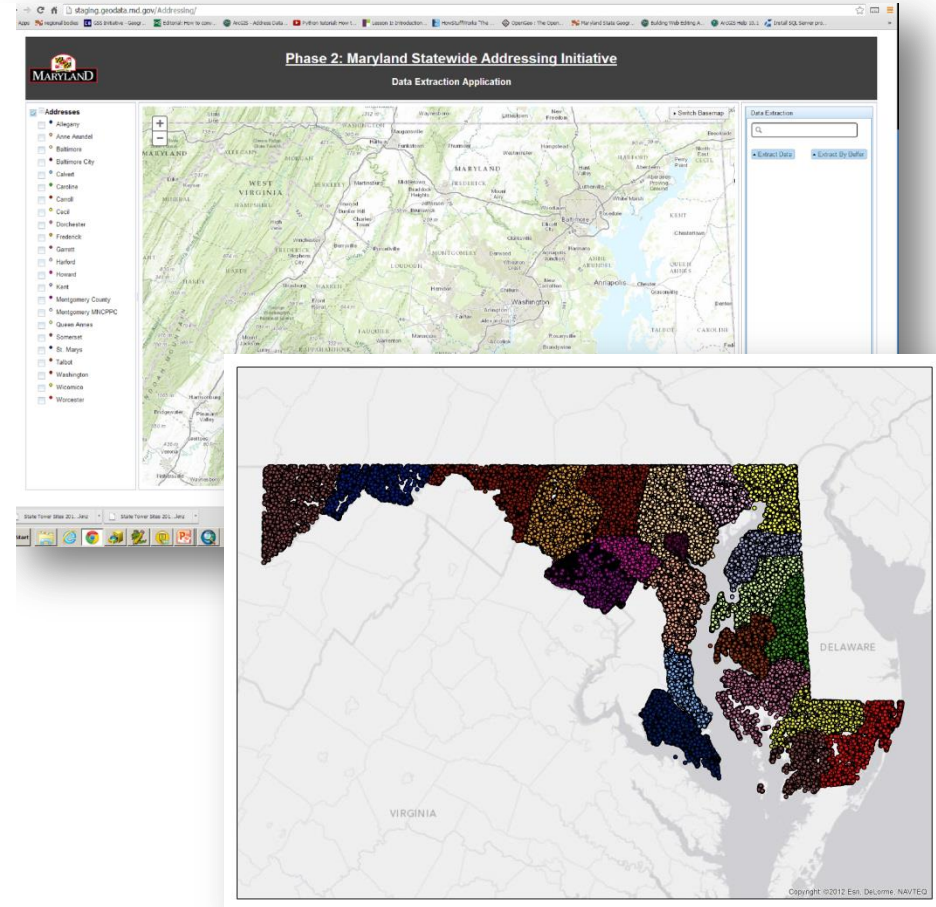
- One standardized master address point repository for the state of Maryland built from the ground up
 - Local jurisdictions are to be originator and steward of data
 - Allows cross jurisdictional access to data to augment 911 dispatch
 - Serves as the statewide address source for multiple applications
 - Maintains up-to-date data
 - Leverage previous Numbers Board investments for local addressing efforts for statewide benefit
 - Build and maintain on-going partnerships with local jurisdictions
-
- Not a re-addressing project

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Efforts to Date

- Meetings with individual counties throughout the State.
 - Often GIS & PSAP personnel
- 2.24 million points collected, standardized, and aggregated from 21 counties and city of Baltimore
- Data extraction application
 - Extract entire State or county
 - Extract via a user defined area of interest or buffer around a county

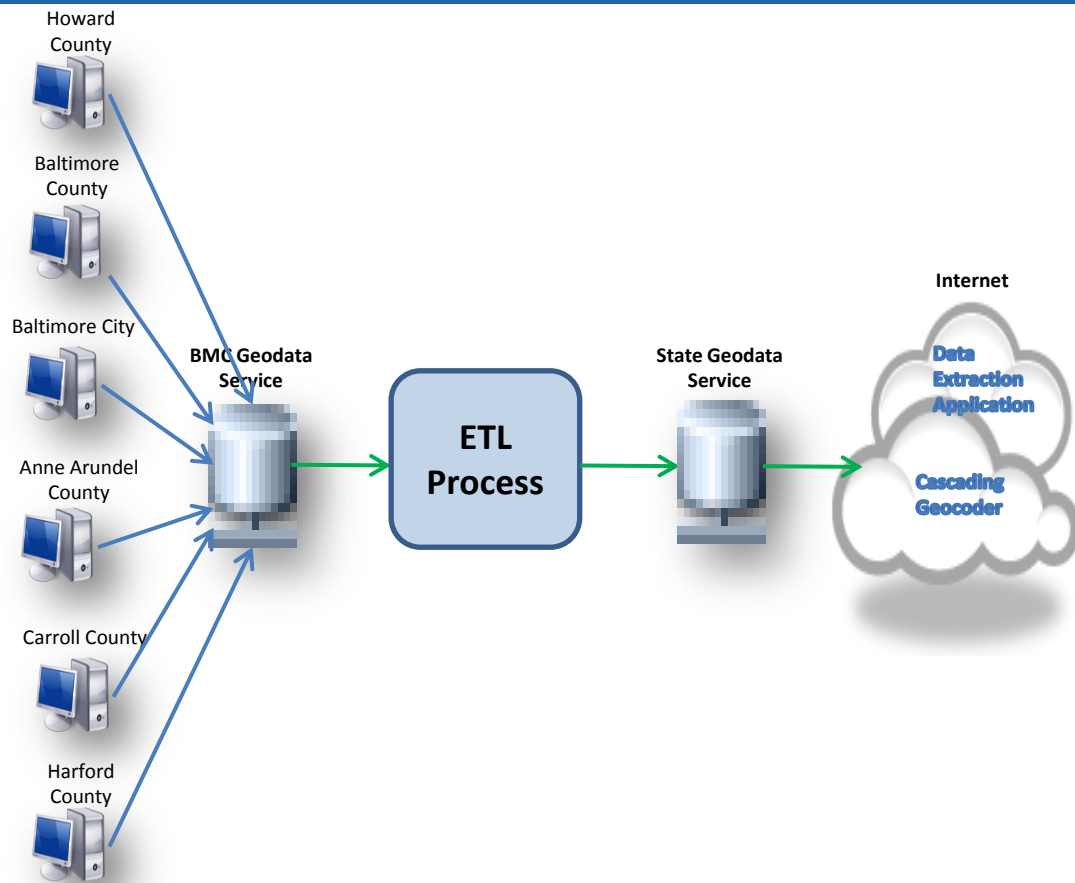


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This Year

- Develop a fully automated ETL process
- Expand replication update process across state
- Leverage addresses for other useful applications
 - Various point in polygon/proximity analysis
- Leverage this program as a model for other data sharing endeavors among local governments/state
 - Better coordination
 - Work closely with SHA's Centerline Initiative



Cascading Geocoder

- Geocoding service launched last summer
 - Address points since added
- Continue to tweak performance parameters
 - Initial tests indicate 10.2 version is much faster for batch geocoding in Desktop
- Recently added to Maryland's AGOL account

Find a location in Maryland using the search below

Street Address

A street address consists of a building number, street name, city, state, and ZIP code. A building number, street name, and ZIP code is required. Only Maryland addresses are geocoded.



Example: 600 S Rose St, Baltimore, MD, 21224 or 600 S Rose St, 21224

Intersection

An intersection is a point where two streets connect. Street names are required. For best results, include the ZIP code where the intersection exists.



Example: Example: York Rd @ Burke Ave, 21204 or York Rd & Burke Ave, 21204 or Burke Ave & York Rd, 21204 or York Rd / Burke Ave, 21204

Highway Exit

A highway exit consists of a route name and exit number.



Example: I 83 Exit 27 or I-83 Exit 27

Mile Marker

A mile marker consists of a route name and mile marker number.



Example: I 70 Mile Marker 68 or I-70 Mile Marker 68

Place Name



A place name is a municipality / town / city name, institution name, landmark name, or environmental feature name.



Example: Annapolis or University of Maryland or Washington Monument or Sideling Hill or Patapsco River

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Cascading Geocoder

Geocoding With Centerlines, MDProperty View, and Address

