NYC DOITT
Information Technology & Telecommunications

# Data Management & Integration (DMI) GIS

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# Current Initiatives

- Development of new hosting platform
- Enhancements to nyc-lib library
- Interagency LiDAR Workgroup

# DMI GIS in AWS

- Increase scalability of hosted applications and data services
- Provide more reliable and faster services for end users
- Simplify deployment workflows
- Increase productivity with continuous integration/continuous development

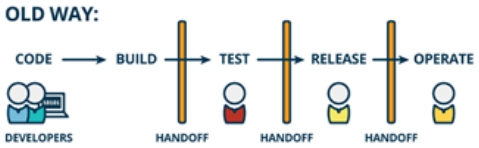
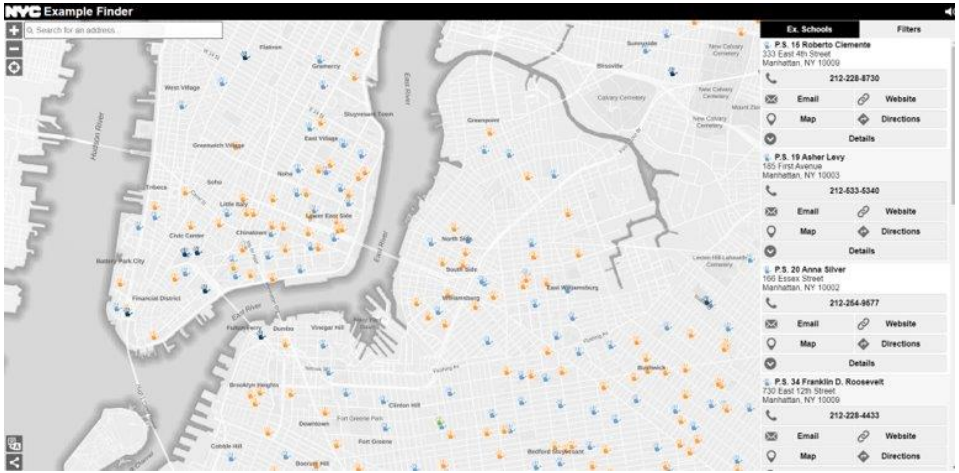


*Figure 1 - from the Mind the Product blog*

# nyc-lib Enhancements

- Accessibility feature improvements (with MOPD)
- Integration with NYC Core Framework

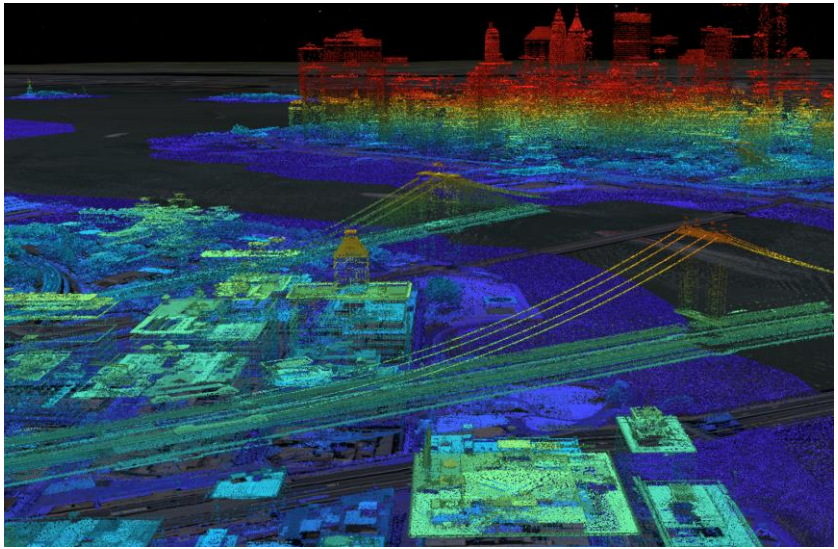



Documentation: https://maps.nyc.gov/nyc-lib/

Examples: https://maps.nyc.gov/nyc-lib/v1.3.66/examples/index.html

GitHub repo: https://github.com/timkeane/nyc-lib

# Interagency LiDAR Workgroup



- 10+ Agencies
- Discuss and understand cost savings to the City with gathering citywide requirements and streamlining procurement
- Workgroup will help inform future data hosting and services for agency and public use

# Future Initiatives: 2020 and beyond

- Publish new web feature services via GeoServer in EKS– a la WMTS, TMS, Vector Tiles, etc.
- 2020 Orthoimagery and update to tiling service
- Rewrite NYCityMap (oldie but a goodie)
- Remote Sensing data hosting

# Additional Resources

We updated our DoITT homepage!
https://www1.nyc.gov/site/doitt/residents/gis-mapping.page

DMI GIS Data Metadata
https://github.com/CityOfNewYork/nyc-geo-metadata

geoclient (NYC geocoder) Code Repo
https://github.com/CityOfNewYork/geoclient

# Thanks!

**Contact: gis-mgt@doitt.nyc.gov**

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