

NSGIC



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Maryland's Use of Imagery and Centerlines to Forge Partnerships Between the E911 and GIS Communities

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Begin the Dialog

- In 2003, MSGIC pitched E911 Board on statewide addressed centerline partnership
- Some Board members got it
- Chairman and others thought it was a raid
- ***We didn't know internal working/politics of the Board***

Do your Homework

- Board members appointed by Governor representing various sectors
- Grants issued to individual PSAP's (county's)
- No guidelines for anything mapping – imagery, centerlines, parcels, building footprints, etc. – it's all Ad Hoc
- FY05 appropriation: **\$44,632,259**
- FY03 – FY08 **\$15,232,764.68** spent on mapping



I Should Have Known Better

- 2008, reported to Governor recent mapping expenditures by Board
- Suggested he might consider how to better manage fund
- His reaction?
- Add GIS to Board

I never met a data I didn't like



Action

- In 2008, started attending monthly Board meetings as a member of the public
- Started learning 911 lingo and inner workings of Board
- Governor pushed for legislation to add 2 seats to the Board – GIS and EM
- Approved spring of 2008
- Effective Jan 1, 2009

Moving Forward

- Pitched statewide imagery collection to Board in late 2006 for 2007/2008
- MSGIC, GIO and MDOT
- Focused on value to Board and improved public safety
 - 25-30% cost savings, standard product, spec's driven by PSAP needs, QA/QA
- Board approved unanimously

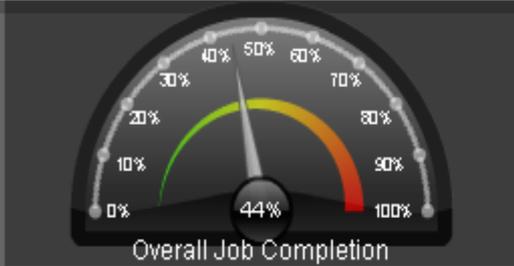
After One Year

- Board looks to GIS rep. for guidance on mapping
- 2009 - plan for next statewide imagery project
- 2010 - fly 10 counties east of Bay \$800K
- 2011 - fly 14 counties west of Bay \$1.2M
- Counties included in process
- Pilot for adding address points to centerline



Maryland DoIT Orthophoto Project 2011

Status Update



✓ Blocks

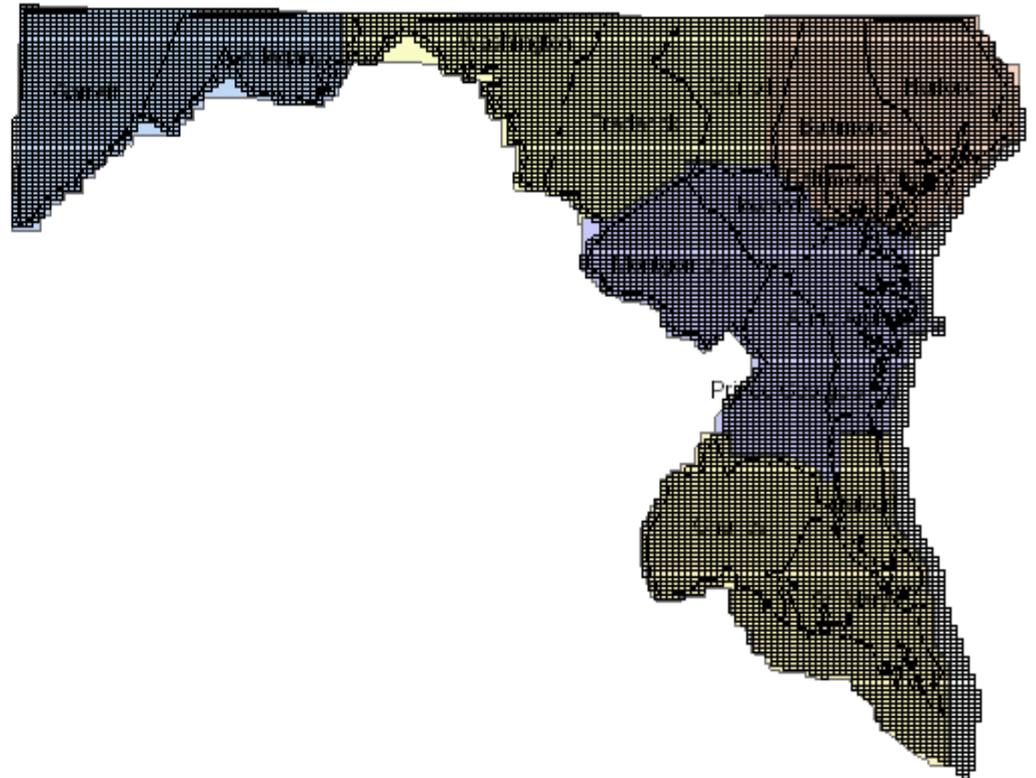
✓ Phases (44%)

- Block 1 (56%)
- Block 2 (41%)
- Block 3 (40%)
- Block 4 (40%)
- Block 5 (40%)

- Acquisition (100%)
- Aerial Triangulation (24%)
- Ortho Production (0%)
- Independent QA/QC (0%)
- Client QA/QC (0%)
- Delivered to County (0%)

✓ Show All Status

- Completed
- In Progress
- In Review



What's Next?

- Board preparing for NG911 technology compliance – includes data
- Already supporting data maintenance costs
 - imagery
- Must sell Board on maintenance for:
 - Addresses
 - Centerlines
 - Parcels

How to Sell?

- Statewide focus
- Cost savings
- Improved data quality (seamless, standardized, QA/QC)
- Improved public safety
- Focus on mission – answering 911 calls – not managing/maintaining GIS data
- State/Local partnerships to manage responsibilities

Final Thoughts

- Start the relationship
- Learn and teach - know PSAP issues; GIS is more than data
- Remember, it's about answering the call & locating caller – data is the means to the end
- Have strong business plan – save money & lives
- Expect & accept challenges