Potential of Dense-Tracking Data

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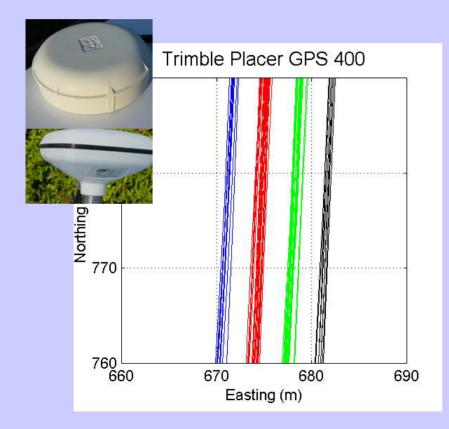
What drives GIS?

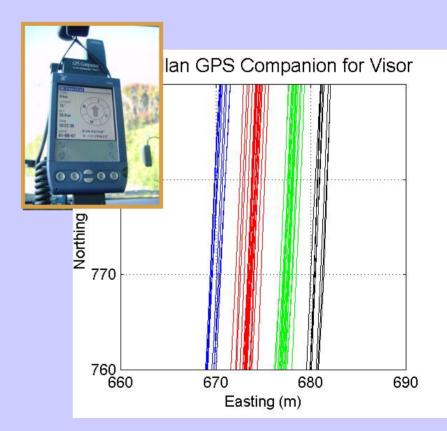
- Resource management
- Cadaster
- Utilities
- Military, intelligence
- Health
- Science
- Where's the 226.8 Kg gorilla?
 - at time t

What might drive DTD?

Mapping

- averaging tracks
- asset management
- 911
- Congestion
- In-car navigation
- Transponders
 - OnStar, fleets
 - driver monitors
- Behavior studies
 - link ID, 250m adequate





Dense sub-meter positioning

Lane-level navigation
Look-ahead radar
Lane departure
Next-generation navigation

Integration with other technologies

GPS outages - Atlanta, Seattle – NY, Hong Kong Inertial Modeling vehicles or people? In-building – microwave – WiFi

Possible partnerships

MPOs, DOTs - EMS, DHS, NGA Mapping - GDT/Teleatlas, Navteg - Census, NGA Positioning technologies Fleet operators Ram's comments