

Outline

- Define spatial computing
- Overview of problems and applications in spatial computing

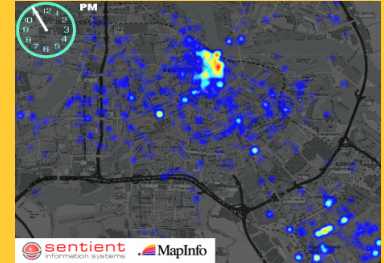
Examples of Spatial Questions

- Where am I?
 - Global Positioning System (GPS)
- Where is the nearest clinic (or doctor)?
 - Location-based Services (LBS)
- Situation Assessment
 - Distribution: Geo. Info. Systems (GIS), Virtual Globes
 - Patterns: Spatial Statistics



Example Spatial Questions and Approaches - Continued

- How has a situation evolved over time?
 - Disparity in Geographic Access to Services
- Exploration, Hypothesis Generations
 - What pollution-sources are near schools?
 - SDBMS



<http://www.jeffersoncountywv.org/government/departments/gis-addressing/gis/gis.html>