DEPARTMENT OF Electrical and Computer Engineering

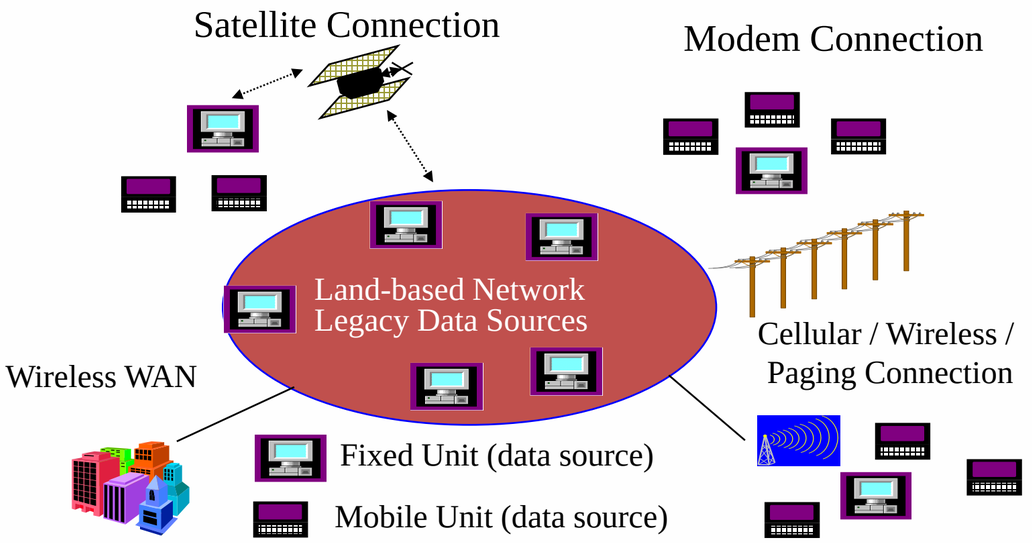
Intelligent Information Processing in a Mobile Data Access Environment

Big Data and Data Analytics

- Information fusion for emergency responders
- Knowledge Discovery
- Information extraction and analysis for intelligence analysts
- Business information gathering and trend analysis
- Data dissemination in emergency evacuation situations

Large Scale Pervasive systems (Cyber –Physical Systems)

- Intelligent Transportation Systems and Traffic Prediction
- Power Grid
- Water distribution System
- PERCEPOLIS - **Per**vasive **C**yberinfrastructur**e** for **P**ers**o**nalized **L**earning and **I**nstructional **S**upport



Anytime, anywhere, transparent, intelligent, secure, timely, reliable, and cost-effective access to Global Information regardless of:

Heterogeneity of access devices,
Heterogeneity of communication medium,
Heterogeneity and autonomy of data sources.

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