

# Desired Outcomes from the Perspective of NIST

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# NIST's Mission, and ITL's Goals

- NIST
  - To promote U.S. innovation and industrial competitiveness by advancing measurement science, standards, and technology in ways that enhance economic security and improve our quality of life.
- ITL
  - Accelerate, through standards, tests and metrics, the development, deployment and use of secure, usable, interoperable and reliable information systems that make American businesses more innovative and more competitive.
  - Enable world-class measurement and testing through research innovations in the areas of computer science, mathematics and statistics

# Expectations

- Big Data and the Semantic Web are very important research areas for us
- Ontology Summit expectations
  - How ontologies can address Big Data challenges
  - Methodology for dealing with multimodal ontologies
  - Real world Semantic Web success stories
  - Metrics for ontology evaluation (progress from 2013)