GOAL:

• To Enable Analysts to Quickly Produce Intelligence from New, Disparate Data Sources

RESEARCH TEAMS:

• Two Research Teams with Complementary but Different Approaches, Solutions and Tools

RESEARCH THRUSTS:

• Hierarchical Ontology
• Active Learning for Information Extraction
• Assisted Alignment of Structured Data
• Open Information Extraction
• Semantic Calculus
• Entity Resolution
• Event Resolution
• Quality of Service Estimates
• Coherence-Based Summarization
• Provenance Capture Assistance

EVALUATION APPROACH

• Using Real Data, Real Scenarios, and Real Analysts

DEMONSTRATED RESULTS

• Data Alignment: Reduces effort by 90%
• Extraction algorithms reduce time by 95%

APPLICATIONS:

• Rapidly Configured and Adapted to New Requirements and New Data Sources In a Few Weeks

TRANSLATION PARTNERS

• 12 Transition Agreements
• 8 Funded Contracts or Transitions Underway