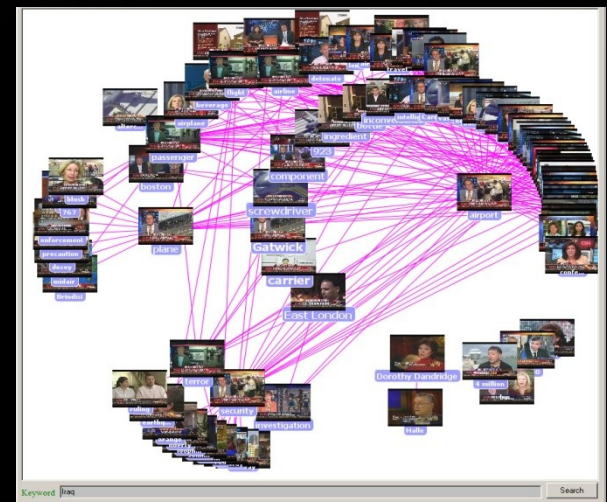


MDRP: Multimedia Analytics for Investigative Analysis

- Personnel: Ribarsky, Yang, Fan, Delp, Boutin
- External Partners: NVAC, DHS CCI, START, Foreign Broadcast Information Service, ICE, NSA, FinCEN, Bank of America
- Goal - Develop a multimedia visual analytics system for online & broadcast multimedia, fusing knowledge from highly heterogeneous sources
- Approach:
 - Unstructured multimedia analytics
 - Broadcast & online news multimedia analysis
 - Intelligent video and image analysis
 - Human Cognition Modeling



MDRP: Multimedia Analytics for Investigative Analysis

Outcomes:

- Extension to analysis of blogs, RSS feeds
- Discriminate among online news and blogs with distinctly different viewpoints
- Application of predictive Human Cognition Model to interactive exploration of multimedia
- Development of automated natural language processing, voice recognition, and viewpoint/opinion analytic techniques to be integrated with above model
- Identification of trends in ideology and extremism associated with discourse on public media
- Connections among groups and individuals and their behaviors from public sources.

