HARRIS
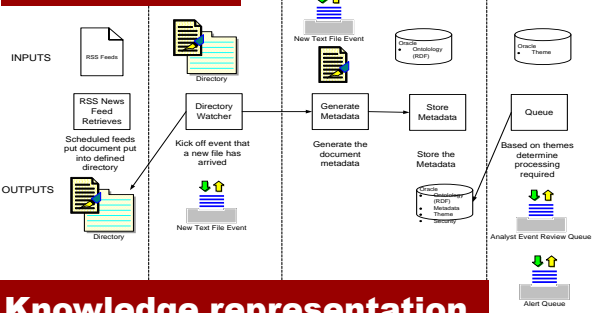
- Name of Organization: Harris Corporation
- Lead Investigator: Kevin Fox, Ph.D.
  - 20 years of experience in leading, managing, and participating in R&D programs
  - Has published and patented in information management, information retrieval, data and information fusion, media asset management, computer security, and artificial intelligence
  - Has led internal Harris research and development projects and conducted research for the DoD and Intelligence Community
  - Principal Investigator of Harris GCSD's Information Management IR&D
- Current Team Members:
  - Liam Mayron, Ph.D.
    - Has published in content-based image retrieval (patent pending), image processing, multimedia communications, video-based surveillance, and 3D video systems fields
  - Tahia Morris
    - Has published and patented in Semantic Web, information retrieval, digital asset management, expert systems, image mining, biomedical image processing, graphics, and visualization
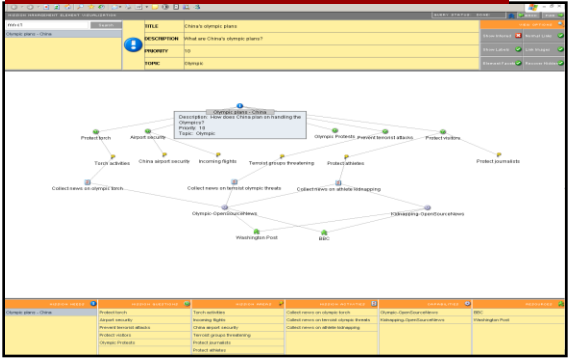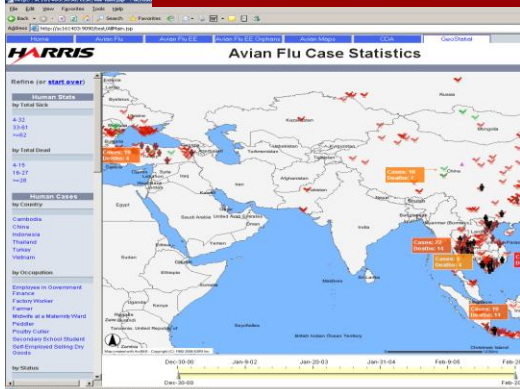
VW Research Interests

Data ingest

Knowledge representation

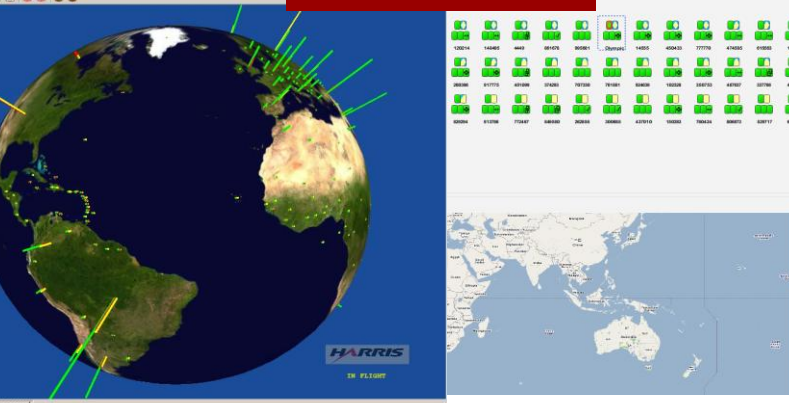Spatio-temporal information correlation

Mission models

- Harris uses an integrated approach that combines different technologies to deliver the capabilities analysts need

- Information and knowledge management

- Web 2.0+ and Semantic Web technologies

- Digital asset management

- Metadata generation

- Domain vocabulary creation

- Spatio-temporal information correlation and visualization

- Decision support

- Content-based retrieval

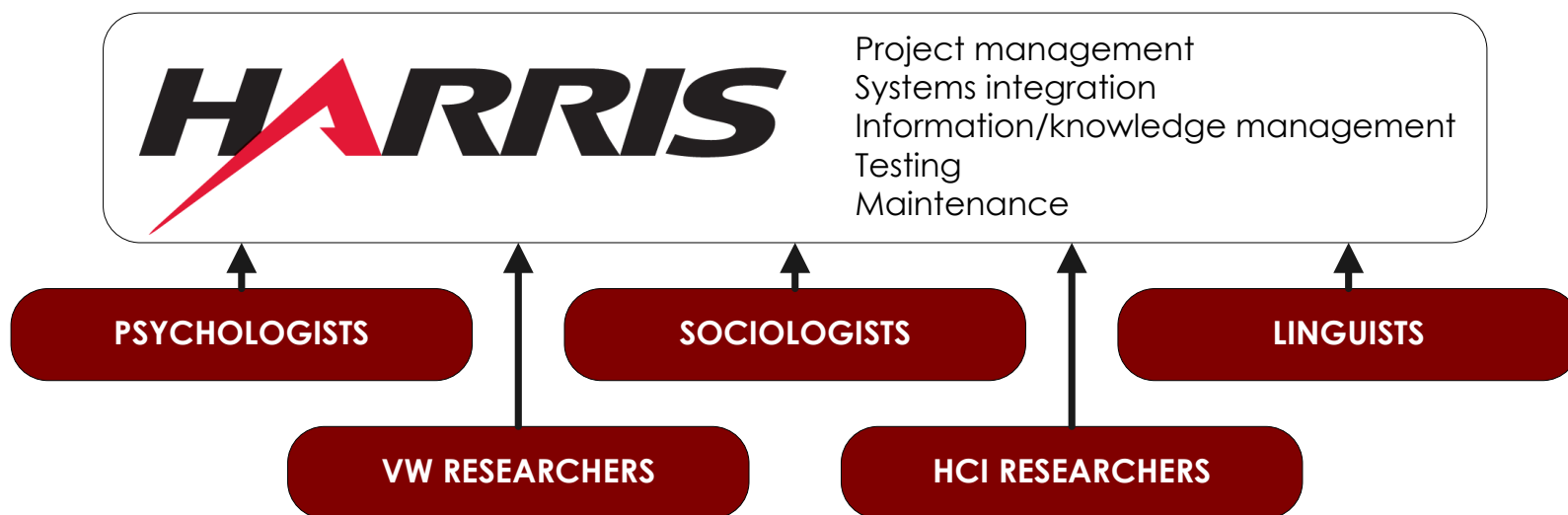- Applications of computational models of cognitive processes

grind ur rep

- Experience with innovative team leadership on scientific research and applied engineering programs
- Information management and knowledge management research
  - Research areas include large-scale information discovery, particularly information (entity/fact) extraction, content navigation, and knowledge maps (including ontologies and taxonomies)
  - Objectives include the development of enterprise-level knowledge management architectures and implementations that demonstrate efficient ways to manage, search, navigate, discover, integrate and correlate information and knowledge across the enterprise, facilitate teamwork and community interaction, and automate content analysis
- Harris holds patents in search, visualization and vocabulary generation (pending)

{Teaming Opportunities}

- Harris has routinely teamed with universities and companies to research, investigate, and build products for analysts

- We're seeking psychologists, sociologists, linguists, virtual worlds experts, HCI experts, and other scientists to join our team

HARRIS

Project management
Systems integration
Information/knowledge management
Testing
Maintenance

PSYCHOLOGISTS

SOCIOLOGISTS

LINGUISTS

VW RESEARCHERS

HCI RESEARCHERS

Contact Information

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