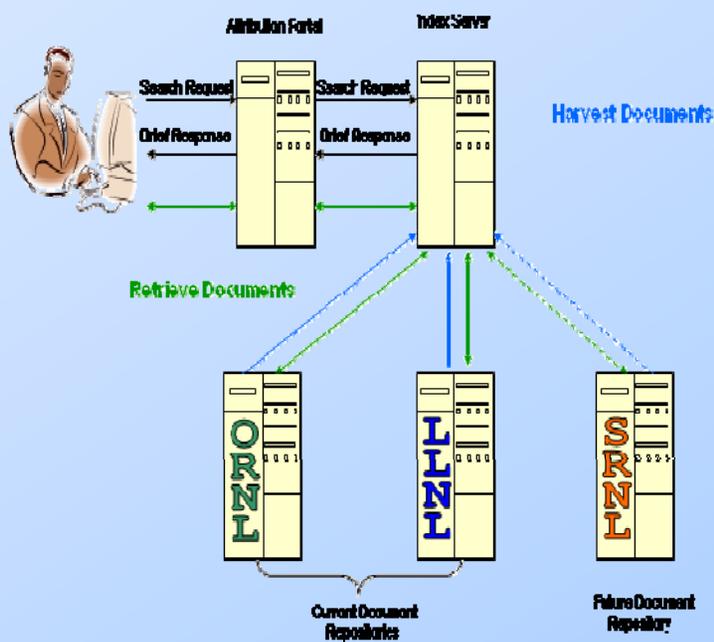


Knowledge Management & Analysis System

Data Systems Sciences & Engineering Group

Computational Sciences & Engineering Division



- **Problem Statement:**

- DHS's DNDO subject matter experts need to collaborate with a variety of scientific data in order to support analysis of radiological and nuclear data across multiple data sites

- **Technical Approach:**

- KMAS is a web application running under Microsoft SharePoint
- A common XML-based schema allows nuclear forensic data from disparate sources to be extracted and harvested

- **Benefit:**

- Transparent to the end user, the distributed database prevents KMAS from having to maintain a central library or repository of nuclear radiation data

- **Technology Readiness Level 9**

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