Battelle The Business of Innovation

CBIS 2007 CB CKB with the GIG

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CB CKB Overview

Client need addressed:

- Secure on-line common knowledge base of chemical and biological weapon related data, accessible and validated.
- Identification of gaps in CB related data.
- Process to accredit data sources.
- Foster communication within CB community.

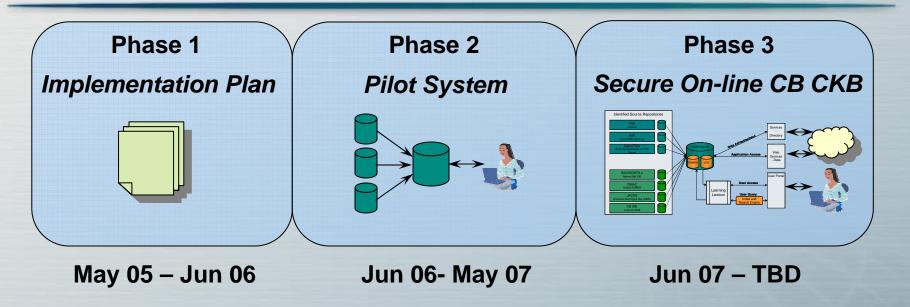
Future Potential:

 Baseline system for input into DTRA Program of Record

Description:

- <u>Chemical-Biological Common Knowledge</u>
 Base
- CB CKB is an application and virtual data store that allows users to publish, locate and retrieve relevant CB data, while maintaining stewardship of access and control.
- 3 phases to the project, 1st implementation planning; 2nd- Pilot system; 3rd Secure on-line system.
- Current effort is 2nd Phase includes development of a pilot system focusing on M&S resources and locally available data such as CDMD, Agent Fate, ASK.

CB CKB Overview

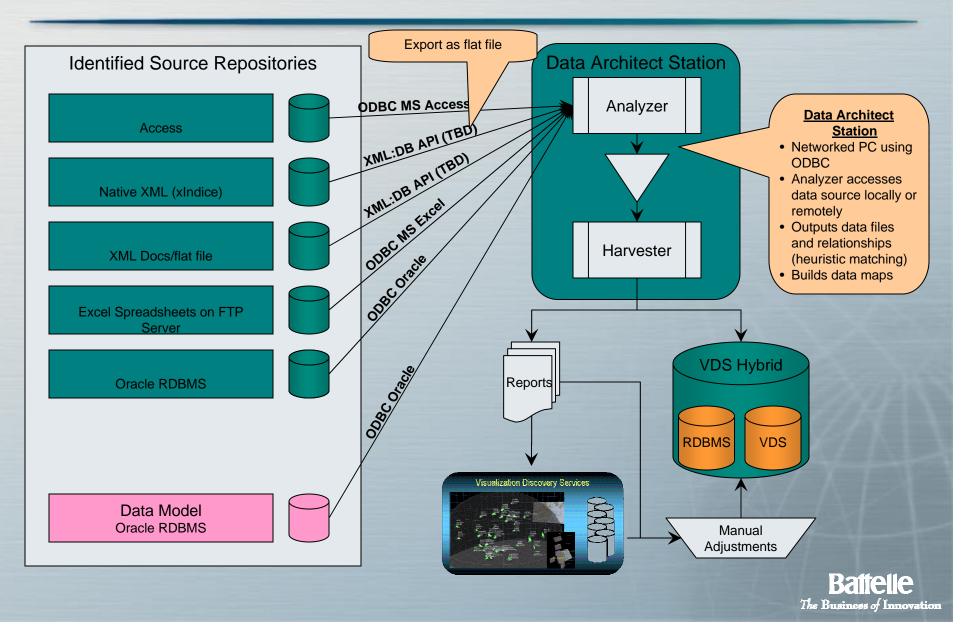


The key objectives for this program are:

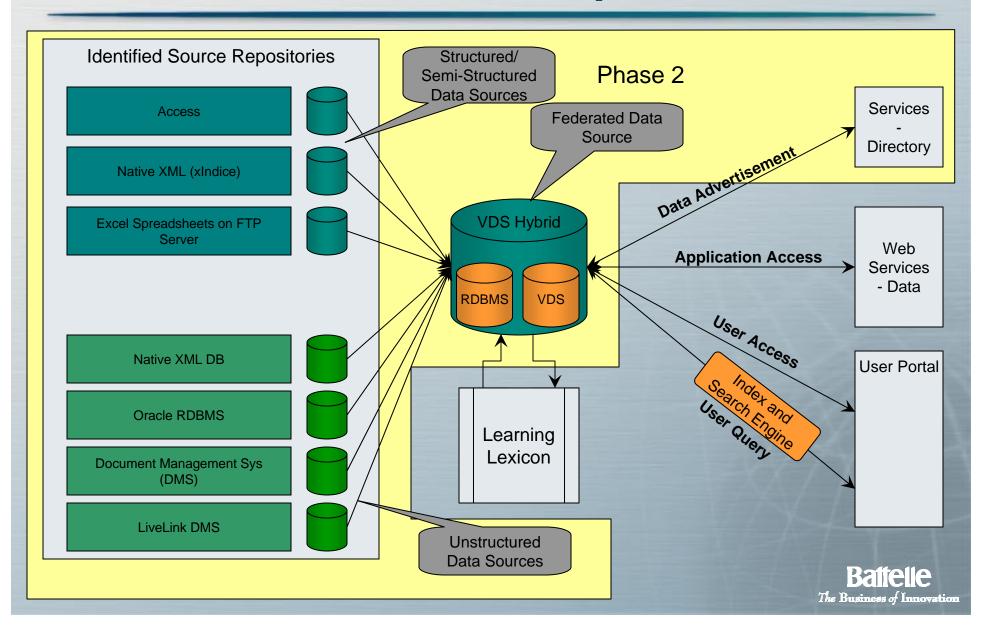
- Identify and fuse CBIAC and other CB repositories relevant to the CB Community
- Implement and sustain a DoD information assured compliant system
- Implement proven and best practices for the CB Community
- Leverage subject matter experts and available tools to identify and analyze relevant CB data



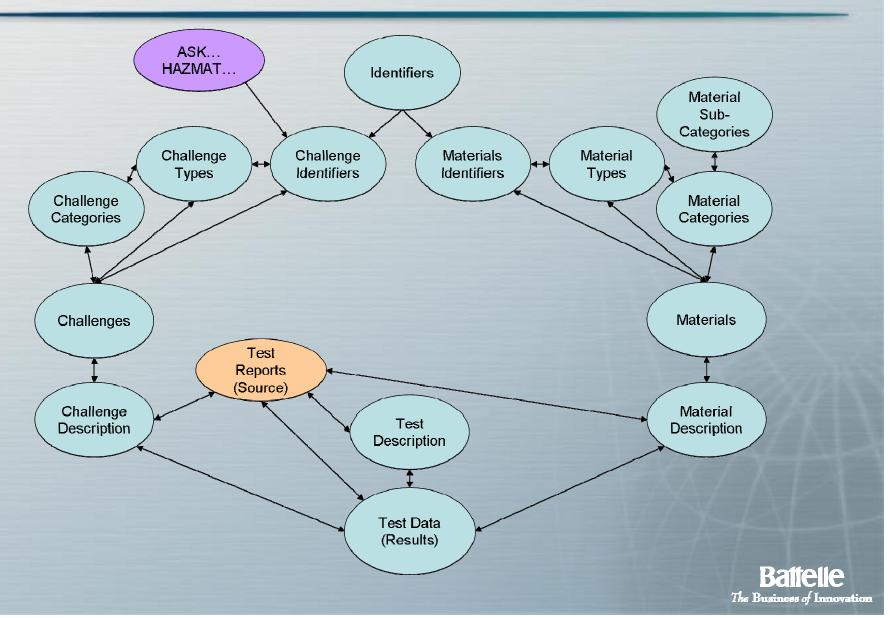
Information Fusion Build Process



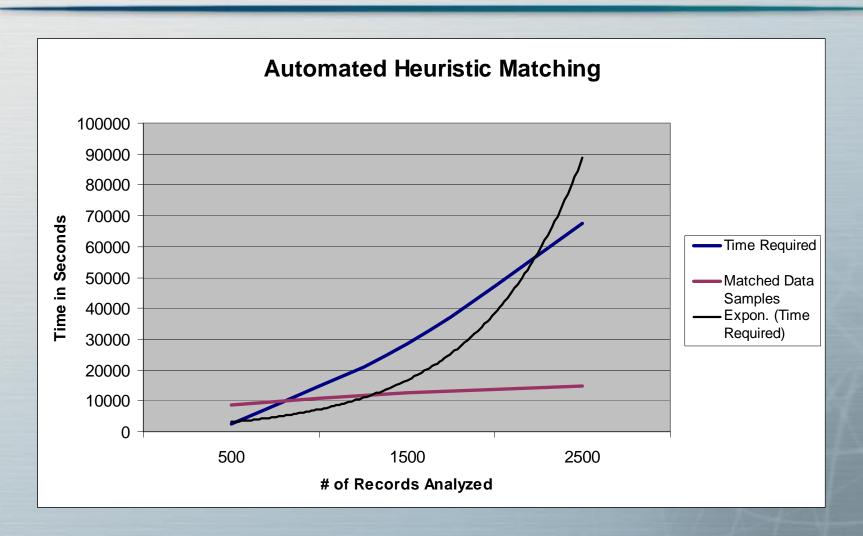
Information Fusion Example



Chemical-Biological Material Effects Database (CBMED Extract)



Typical Analyzer Results



Demonstration

