

U.S. ARMY MATERIEL COMMAND
LOGSA
SUPPORTING WARFIGHTERS GLOBALLY

CBM OVERVIEW

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SUSTAINING THE ARMY THROUGH THE MATERIEL LENS...



LOGSA CBM Update



MISSION

- Develop and maintain the single Army database repository for RCM data (to include CBM data) as directed by AR 750-1 , 20 September 2007. This is known as the Common CBM Data Warehouse (CCBMDW)

VITAL STATISTICS

- Implementing Common CBM DW as part of LIW
- Engaged with AMC CBM+ Steering Committee Integrated Program Teams (IPT's)
 - Data Management Team Chaired by LOGSA Enterprise Data Management Office - Mr. David Smith

ONGOING PROJECTS

- Developing CCBM DW
 - Achieved Initial capability to receive and store in May 2011
 - Initial Serve Capability delayed until Fall 2011
- Participating in CECOM CBM Early On Assessment (EOA).
- Participating TACOM Pilot CBM project.

ISSUES (NEXT 60 - 90 DAYS)

- Establish Connectivity to AMSAA and test bulk data transfers
- MOA between LOGSA and CECOM



LOGSA COMMON CBM DW STATUS



Actions Completed

- Deployed MIMOSA Common Relational Information Schema 3.2.1 within Logistics Information Warehouse (LIW)
- Common CBM DW complete
 - Bulk File Handler Component to register and catalog CBM files

Issues

- LOGSA's baseline implementation of MIMOSA 3.2.1 should be the authoritative source for all reference data, and Metadata defined in the type tables
 - How is reference and type data sync'd, and partitioned
 - How is metadata moved
- CBM Messages - Not well defined as to what needs to be included with the bulk parametric data
- All Submissions to MIMOSA.org should be coordinated with LOGSA/DISCOE for review against baseline

Actions In Progress

- Verification Testing of Proof of Concept CCBMDW Bulk File Handler Continuing by the AMRDEC-DISCOE
- Deployed Common CBM DW to LOGSA Test Environment and preparing for deployment LIW production
- Incorporating LOGSA Post Fielding Support Analysis (PFSA) into project

Way Ahead

- Define and design the messages needed from CIMS to support the transmission of CBM files and events to the Common CBM Data Warehouse.
 - Needed to support CECOM EOA and TACOM Pilot Project
- Continue to work in SIWG and LOWG.
- Define the CBM data that is supposed to be sent to LOGSA from GCSS-A/LIW/LMP
- Define what CBM data is supposed to be sent back from LOGSA.



Common Condition Based Maintenance Data Warehouse (CCBMDW) Operational Concept

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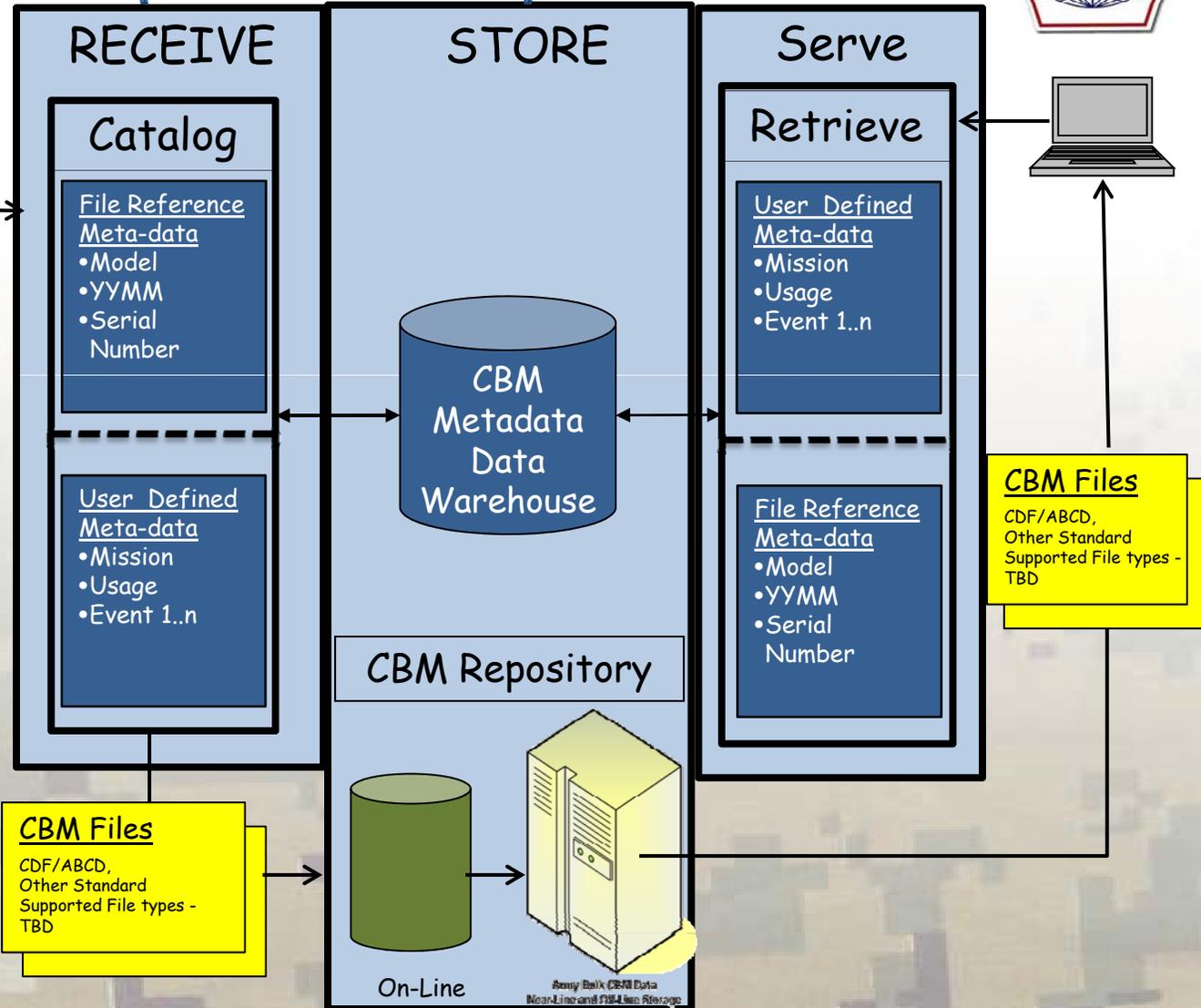


CBM Files

CDF/ABCD,
Other Standard
Supported File types -
TBD

Benefits:

- Eliminates redundant data sources for improved consistency in analysis and decreasing cost of maintaining IT systems.
- Provides guidance for data standardization.
- Provides data parsing capabilities.
- Supports CBM data analysis
- Common standard reduces development and maintenance cost for interfaces across disparate systems.
- Provides ability to integrate with other Logistics Integrated Warehouse (LIW) data and applications.



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CBM Overview



CBM Update



- **Summary:**

- **CCBM DW Initial capability to receive and store in May 2011. Full capability to include serving data to user's expected in fall 2011.**
- LOGSA's will host a workshop to start designing the messages to support the transmission of CBM Files and events to the CCBMDW to support the CECOM CBM + EOA and TACOM CBM+ Pilot Project
- Starting to incorporate PFSA capabilities with the CCBMDW as part of CECOM and TACOM efforts
- LOGSA is providing support to sustain the ABCD format
 - **Created File Naming guide**
 - **Primer on how to implement CBM files and messages in their projects**
 - Web Based Training for ABCD expected Dec 2011

- **Path Forward:**

- Start to Define and Develop the CBM data exchange processes between the CCBMDW, GCSS-A/LMP/AESIP and LIW.