



USTRANSCOM

Joint Intermodal Platform Management Service (JIPMS)

Briefer: Mr. Michael Salmon





Approved JIPMS Solution

ACAMS and IBS-CMM are operating semi-independently in a data sharing environment!!

Data sharing provides:

- **Simplified log-in experience for all users**
- **Reduction in interface maintenance**
- **Common user experience**
- **The most cost effective solution with a cost avoidance of \$3.3M (FY07-14)**
- **Reduction in data quality/data integrity errors**
- **Exposure of data for use by other systems that may require container information**
- **Container/platform data would be obtained from authoritative sources**

BLUF: Distribution Steering Group, Global Container Manager and TCCC approved



The Product

- **What we've done:**
 - Developed an enterprise level solution for platform management
 - **Users obtain data from either system via a single terminal**
- **How we did it:**
 - ACAMS & IBS-CMM operating cooperatively in a data sharing environment
 - PKI enablement of ACAMS facilitates migration into the Common Operational Picture for Deployment and Distribution (COP D2) corporate service
 - **One stop shopping through GCSS-J**
- **End State:**
 - Users can elect to evolve to a single database if desired
 - **Currently no requirement exists and no FY09 funds available**
 - Integrate functionality of AIMS into ACAMS
 - Evolve solution towards Corporate Service Vision (CSV)
 - **All JIWG functional requirements translated into operational capabilities**

BLUF: JIPM Service provides the data the user needs regardless of individual system used



Advantages - Data Sharing vs. Single Database

• Data sharing

- + Information sharing
- + Web services
- + Future growth potential
- + Lower interface maintenance

- Reduce duplicate data
- + Actual cost \$245K

• Single database

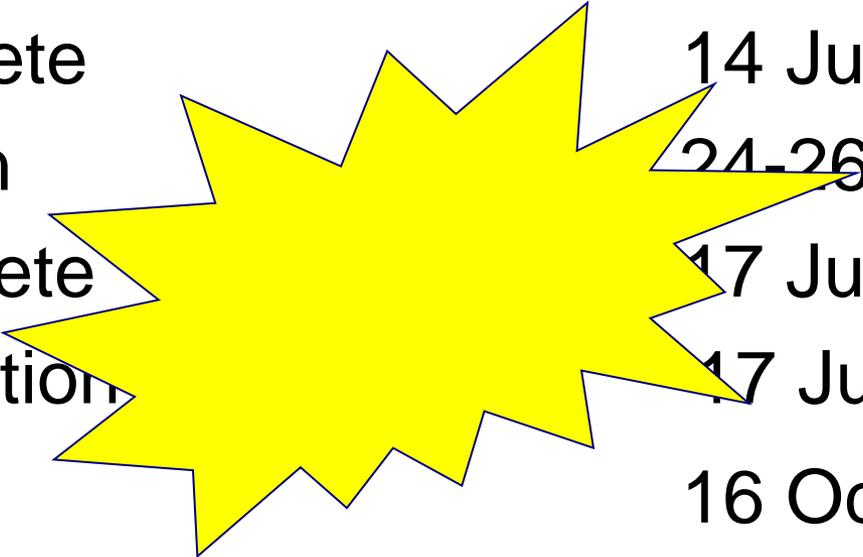
- + Information sharing
- + Web services
- + Future growth potential
- + Lower interface maintenance

- + Eliminate duplicate data
- Estimated cost \$2.5M

Warfighter Capability
in
Fiscally Constrained
Environment!



Data Sharing Solution Accomplished!

- Design complete 30 March 2008
 - Coding complete 14 June 2008
 - Demonstration 24-26 June 2008
 - Testing complete 17 July 2008
 - IOC to Production 17 July 2008
 - FOC 16 Oct 2008
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- A large, bright yellow starburst graphic with a black outline, positioned in the center of the list, partially overlapping the text for "Testing complete" and "IOC to Production".

BLUF: USTRANSCOM will remain engaged to ensure successful transition- Keeping the promise!



Future JIPMS Options

Information Sharing (Web Services)	Near Real-Time Replication	Single Database
Web Services	Web Services	Web Services
Future Growth Potential	Future Growth Potential	Future Growth Potential
Lower Interface Maintenance	Higher Interface Maintenance	Lowest Interface Maintenance
Periodic Updates (Currently 12 Hours)	Near Real Time Updates	Instantaneous Updates
Low Network Traffic	High Network Traffic	Lowest Network Traffic
Two Systems	Two Systems	Single System
Reduces Data Errors	Reduces Data Errors	Greatly Reduces Data Errors
Cost = \$245K (Actual)	Development Cost ~ \$900K (Est) Additional	Development Cost ~ \$2.5M (Est) Additional





Next Step – JIPMS +

- **Web Service vs. Replication vs. Single System**
 - Community consensus ?
 - Proponent “Who makes the call?”
- **Single Sign On (SSO)**
- **Incorporation of CDM Marvel Tool and Conveyance Estimator**
 - Latitude / Longitude conversion application to “Locational Codes”
 - Load Planning Capability
- **Integration of JIPMS+ into a Service Oriented Architectural (SOA) environment**
 - Realization of Joint Deployment and Distribution Enterprise (JDDE) Corporate Services Vision (CSV)
- **Satellite Tag capability to support Global Container Management community**



JIPMS + = Data Sharing PLUS Satellite Tag capability



Final Actions

- Close JIPMS as an active JIWG interest item
 - All JIWG functional requirements satisfied
 - CBAT complete and BCA alternative accomplished
 - Further development must be initiated by new requirement
- USTC J6, USTC J5/4-I and GCM will continue to work Premium Service Device testing effort and JIPMS sustainment / integration





Questions

