



U.S. AIR FORCE

AFLCMC/HI VENDOR DAY



Enterprise Logistics Systems Division AFLCMC/HIA

**Col Daniel Pacheco, Director
Mr. John Hulsey, Deputy
AFLCMC/HIA
334-416-1943**

Integrity - Service - Excellence



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Overview



- **Organizational Mission**
- **FIAR and Modernization History**
- **FIAR Definition**
- **FIAR Process for approving requirements**
- **FIAR Systems**
- **Modernization**
- **Modernization Systems**
- **Capability Initiatives**
- **10-Year Roadmap**
- **Summary**



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Mission Statement



Deliver integrated logistics information driving war winning decisions by shaping, acquiring, and sustaining warfighting IT capabilities and mission support



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AFLCMC/HIA Organization Chart



Director – Col Daniel Pacheco
Deputy Director - Mr. John Hulsey



Superintendent
SMSgt James Trammell

Chief Engineer – Mr. Todd Tasseff
Chief Financial Manager – Mr. Jerry Gentle
Chief Contracting Officer - Ms. Stallings, Ms. Obringer



Maintenance Branch
Mr. Phil Waugh

ATOS	IMDS CDB
CAS	JCALs
DMSI	JEDMICS
DMLS	REMIS
ETIMS	EMOC
PLMS	PAMS
TAS	TBA
MSAT	TMSS



Logistics Readiness
Branch
Mr. James Wilson

AFEMS	OLVIMS
CSWS DE	RMS
CMOS	SCS
ILS-S	WSMIS
IMCS	LMDB
MP&E	PRPS

~ 130 Mil
~ 200 DoD Civilians
~ 250 Contractors



Portfolio Management
Branch
Maj Mark Commenator

Integration
Program Control
Acquisition Management

LEGEND

Located at Gunter

Located at Wright-Patterson



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Base Level Programs



The Mission Stops Without Us!

Aircraft Maintenance
IMDS CDB, PAMS, TAS, EMOC,
TBA, MSAT, REMIS



Munitions
CAS



Supply Systems
ILS-S



Vehicle Operations
OLVIMS



Transportation
CMOS





Depot Level Programs



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Maintenance

Technical Data

ETIMS, ATOS, JCALS,
JEDMICS, TMSS

Depot Maintenance

DMSI, DMLS

Contract/Procurement

PRPS

Supply

Depot Asset Mgt

AFEMS, SCS

Requirement Sys

IMCS, RMS, CSWS-DE,
MP&E, LMDB

Spares Computation

WSMIS

If it is broke, AF Leadership
starts calling!



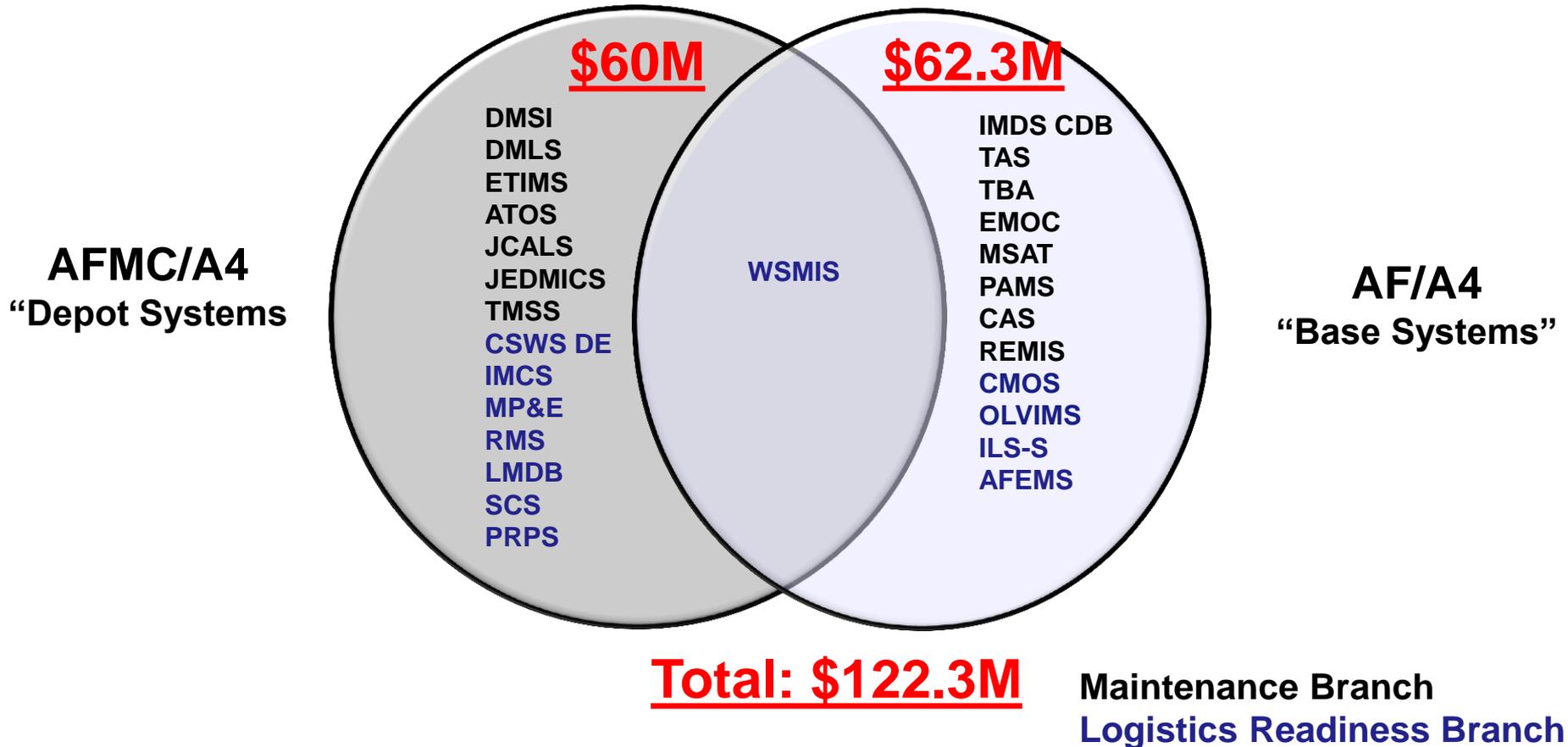


Sustainment Funds (FY13)



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28 Systems (92 sub-systems): **800K+** Worldwide Users
~ 195 Annual Releases





Acquisition Funds (FY13-18)

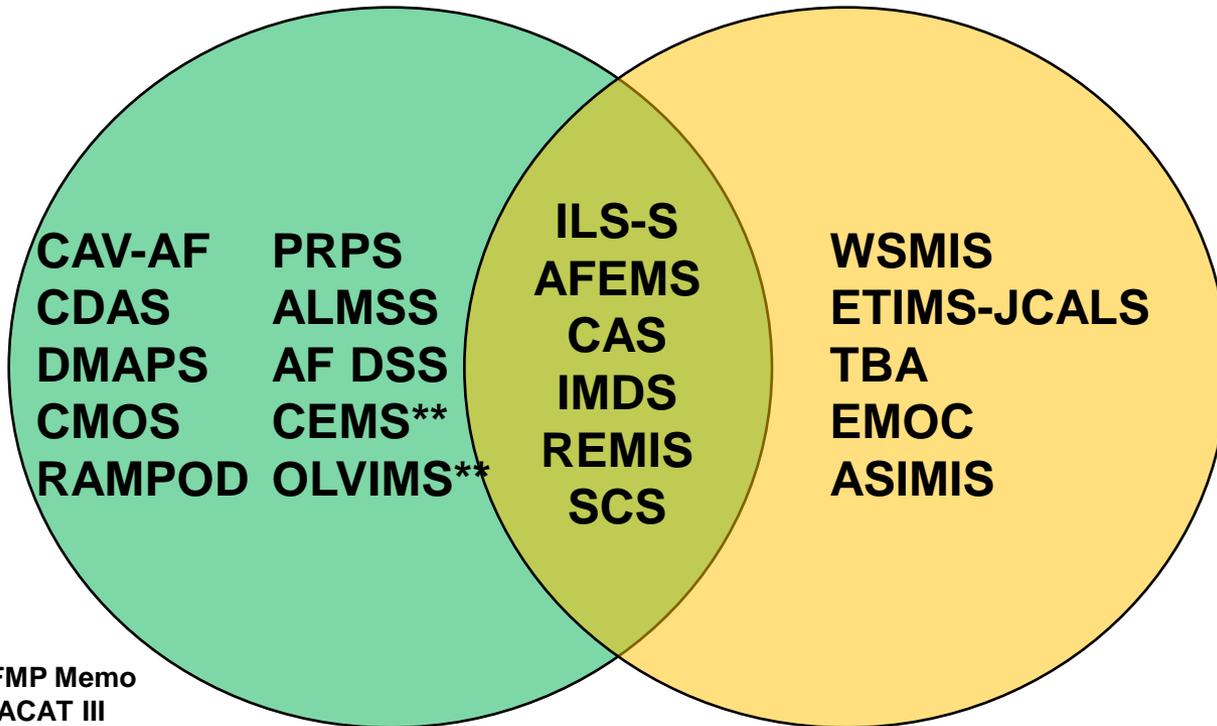


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25 Current or Projected ACAT III Programs*

Financial Improvement and Audit Readiness (FIAR) Programs

Software Upgrade/Modernization Programs



* Based on 31 May SAF/FMP Memo
**FIAR program, but not ACAT III

FYDP Projected level of scope exceeds \$275M



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FIAR and Modernization History



- **Expeditionary Combat Support System (ECSS)—deliver an enterprise logistics capability and subsume most operational capabilities**
 - Implement Enterprise Resource Planning COTS product
 - Meet all AF Financial requirements
 - AF concluded that program was no long viable
- **Operational systems need to help AF solve AF Financial requirements and reduce high operational and maintenance costs**
 - 14 systems categorized as FIAR Systems by SAF FMB
 - 11 systems identified as having positive ROI if modernized
- **AF A4I developing strategy to move ahead with Logistics IT environment**
- **Challenges to operational systems**
 - Existing systems in barebones sustainment
 - Execute using RDT&E funding line
 - Working through CCA and ACAT III approvals



FIAR Definition



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- **FIAR—Financial Improvement and Audit Readiness**

- **Goal:**

- Improve the Department's financial management operations as mandated by SECDEF

- **Priorities:**

- 1) Protect critical asset information—requirements found in the Federal Information Systems Control Audit Manual (FISCAM)
- 2) Improve budgetary information—requirements found in the AF BlueBook

- **Measures:**

- Statement of Budgetary Resource—2014
- Existence and Completeness—2015
- AF Wide Financial Audit—2017

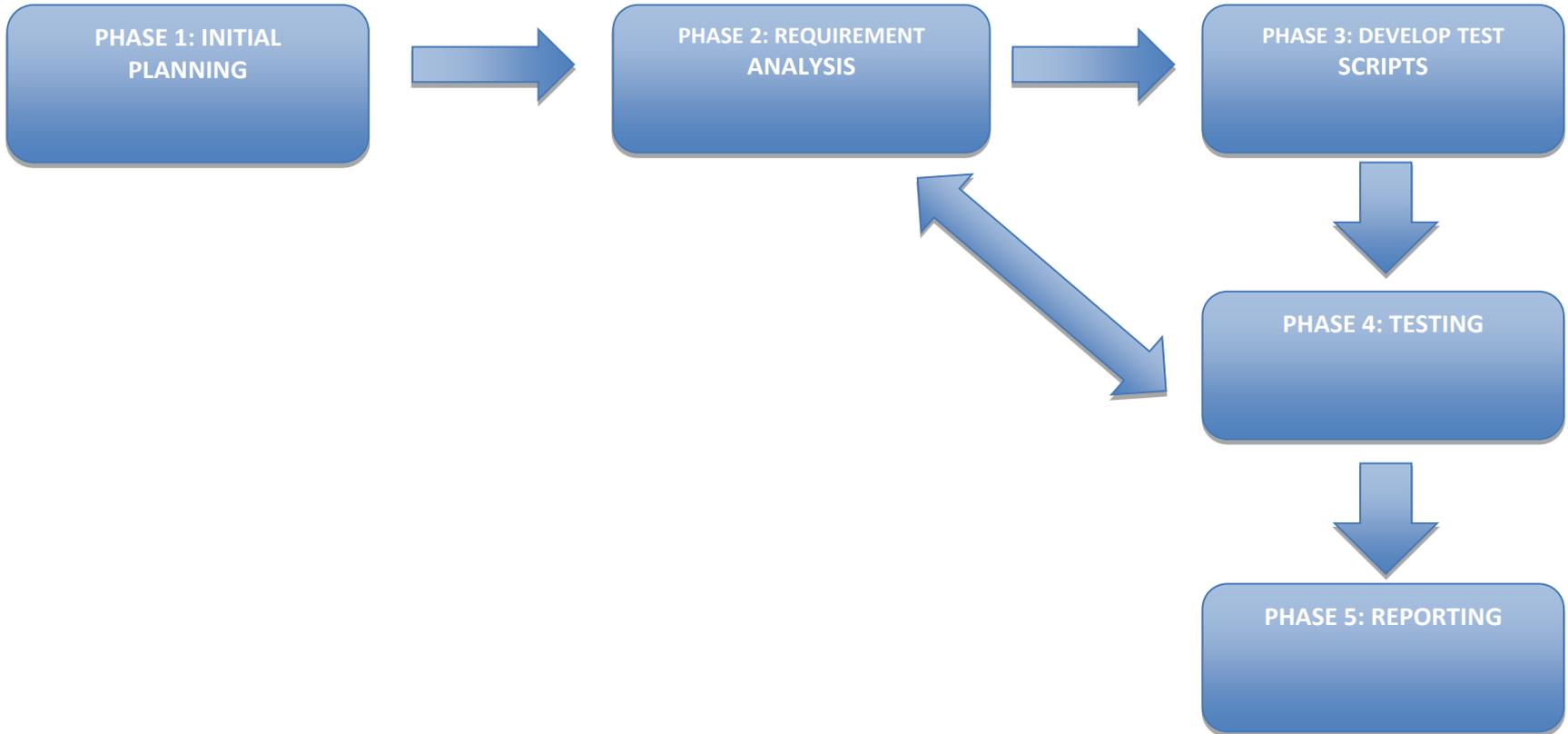


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FIAR Requirements Process: Blue Book Assessment



Blue Book Assessment Process Flow



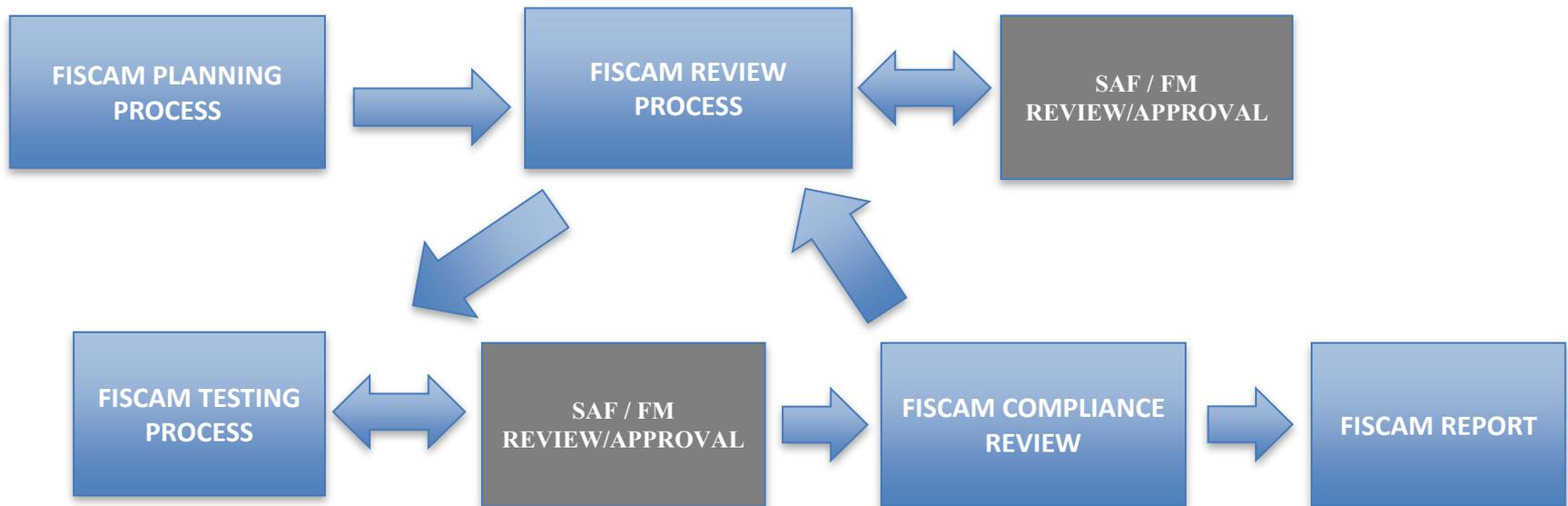


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FIAR Requirements Process



Federal Information System Controls Audit Manual (FISCAM) Analysis





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FIAR Initiatives: 14 ACAT III Programs



AFEMS - Air Force Equipment Management System
CAS - Combat Ammunition System
CMOS - Cargo Movement Operating System
ILS-S - Integrated Logistics System
IMDS CDB - Integrated Maintenance Data System Centralized Database
PRPS - Purchase Request Process System
REMIS - Reliability and Maintainability Information System
SCS - Stock Control System
ALMSS** - Automated Logistics Management & Support System
CAV AF** - Commercial Asset Visibility Air Force
CDAS** - Cryptologic Depot Accountability System
CEMS** - Comprehensive Engine Management System
DMAPS** - Depot Mx Accounting & Production System
RAMPOD** - Reliability, Availability, Maintenance Log Support for Pods

**** 6 FIAR systems are non-BES**

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Modernization



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- **Customer searching for ways to reduce operating costs**

- **DISA costs target for reductions**
 - Mainframe utilization driving high operating costs in DISA
 - Identifying areas to reduce hardware footprint

- **Many systems have complex architecture that drives up costs**

- **Identifying new tools that allow code roll to reduce risk**

- **Use proven architectures to operate in old and new environments**

- **Will use RDT&E funds to support modernization activities**

- **C3I PEO will assist with infrastructure activities**
 - IN office supporting discussions with C3I



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Modernization Initiatives: 11 ACAT III Programs



AFEMS - Air Force Equipment Management System Software Upgrade
CAS - Combat Ammunition System Software Upgrade
EMOC - Enhance Maintenance Operations System Software Upgrade
ETIMS/JCALS - Enhanced Technical Info Management System/Joint Computer Aided Acquisition and Log Support System Software Upgrade
ILS-S - Integrated Logistics System Software Upgrade
IMDS CDB - Integrated Maintenance Data System Centralized Database Software Upgrade
REMIS - Reliability and Maintainability Information System Software Upgrade
SCS - Stock Control System Software Upgrade
TBA - Training Business Area Software Upgrade
WSMIS - Weapon System Management Information System Software Upgrade
ASIMIS** - Aircraft Structural Integrity Management Info System Software Upgrade

**** 1 modernization is a non-BES system**

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Capability Initiatives



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- **AF A4 leading activities to move Logistics environment forward**
- **Developmental planning supported provided by HIQ**
- **CIs will drive decommissioning plans for current operational systems**
- **4 Capability Initiatives (CI) have been identified**

SCM – Supply Chain Management

APS ESCAPE – Advanced Planning and Scheduling

MROi – Maintenance Repair Overhaul

PLM – Product Lifecycle Management



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Logistics Community 10-year Roadmap



- **Road map provides big picture**
 - Operational systems
 - FIAR activities
 - Modernization initiatives
 - Capability Initiatives
- **Customer collecting data on each system**
 - Projecting sustainment and enhancement needs for next 10 years
 - Projected funding for 10 year requirements
- **Overlaying Capability initiatives**
 - Overlap should determine decommissioning date by system
 - Results in POM inputs for investments and reductions in O&M
- **Drives modernization planning**
- **Log Community way ahead for IT solutions**



Upcoming Support



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- **Integrated Maintenance Data System (IMDS)**
 - Conduct 2-3 month technical study to move off mainframe: within 3 months
 - RFI: TBD (tech study will inform way ahead)
- **Combat Ammunition System (CAS)**
 - RFI for modernization of current baseline: within next 3 weeks
 - Researching options to modernize current baseline
- **Integrated Logistics System – Supply (ILS-S)**
 - RFI for Moving off the Unisys mainframe: 15 Nov 13
 - Potential Industry Day: TBD
- **Need Industry help in planning way ahead**



Summary



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■ **Post ECSS environment**

- Operational systems supporting FIAR and Modernization
- Capability Initiatives to subsume operational systems
- Developing 10-year roadmap to reduce IT footprint

■ **HIA supporting 25 ACAT III programs**

- Helping AF meet its FIAR goals
- Reducing operating costs through modernization
- Moving 3 programs into BES

■ **Working with HIQ to determine sustainment office for CIs**

■ **Looking for help from industry on modernization**