

Headquarters U. S. Air Force

Integrity - Service - Excellence

AFC2ISRC/INY Intelligence Systems Division



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Chief, Intelligence Systems Plans
and Requirements



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IN Y Division Mission Statement

Enhance USAF and Joint warfighter capabilities by ensuring Information Technology (IT) systems are operationally integrated and compliant with DoD and Intelligence Community architectures and standards. Provide oversight of AF Intelligence IT programs and assets through coordination, planning, integration, management, and security certification activities. Ensure responsiveness to operational requirements.



GDIP & TIARA Domains

→ C2ISR Process →

GDIP

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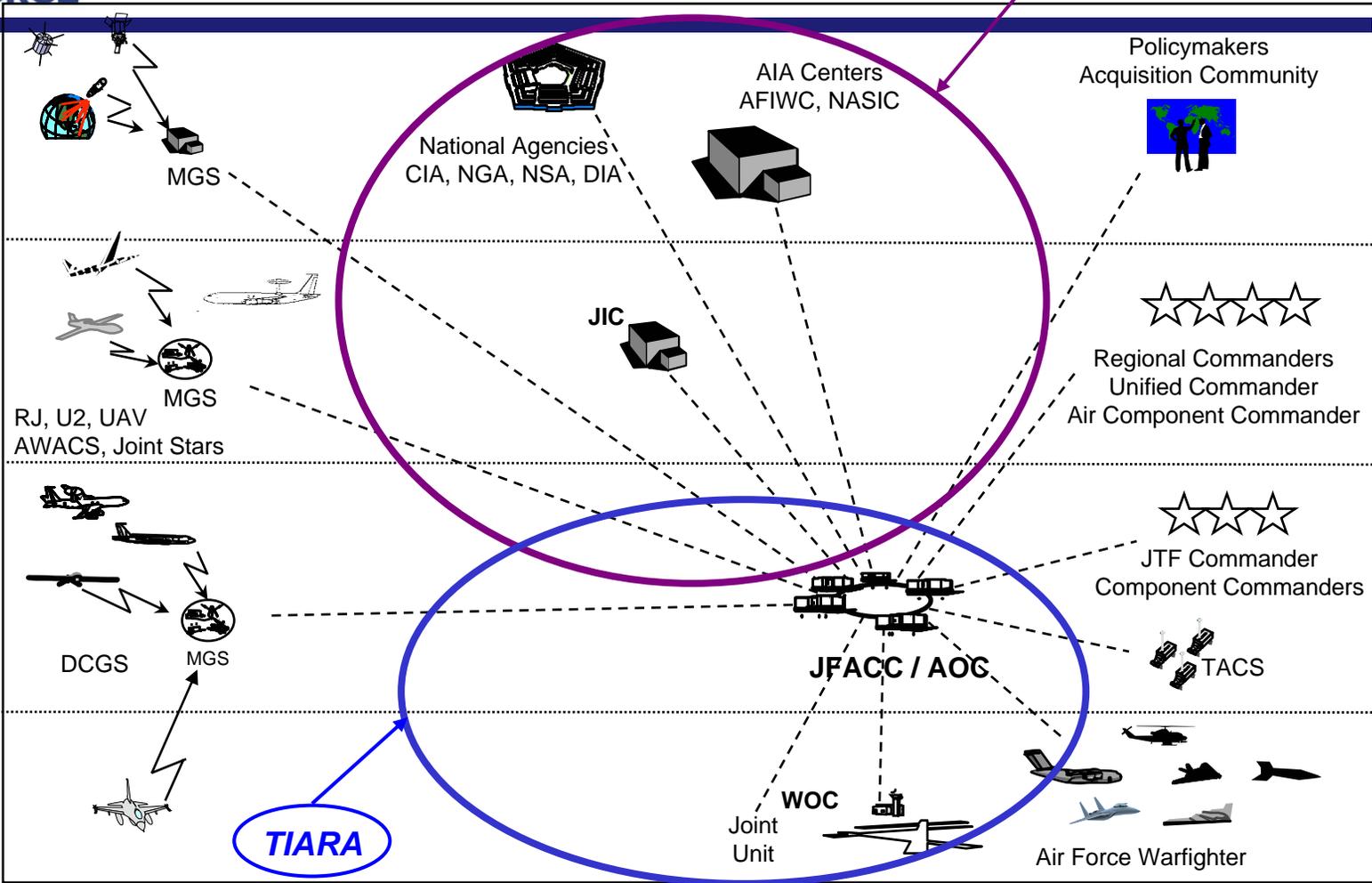
Command Levels

Strategic National

Strategic Theater

Operational

Tactical



Surveillance Reconnaissance

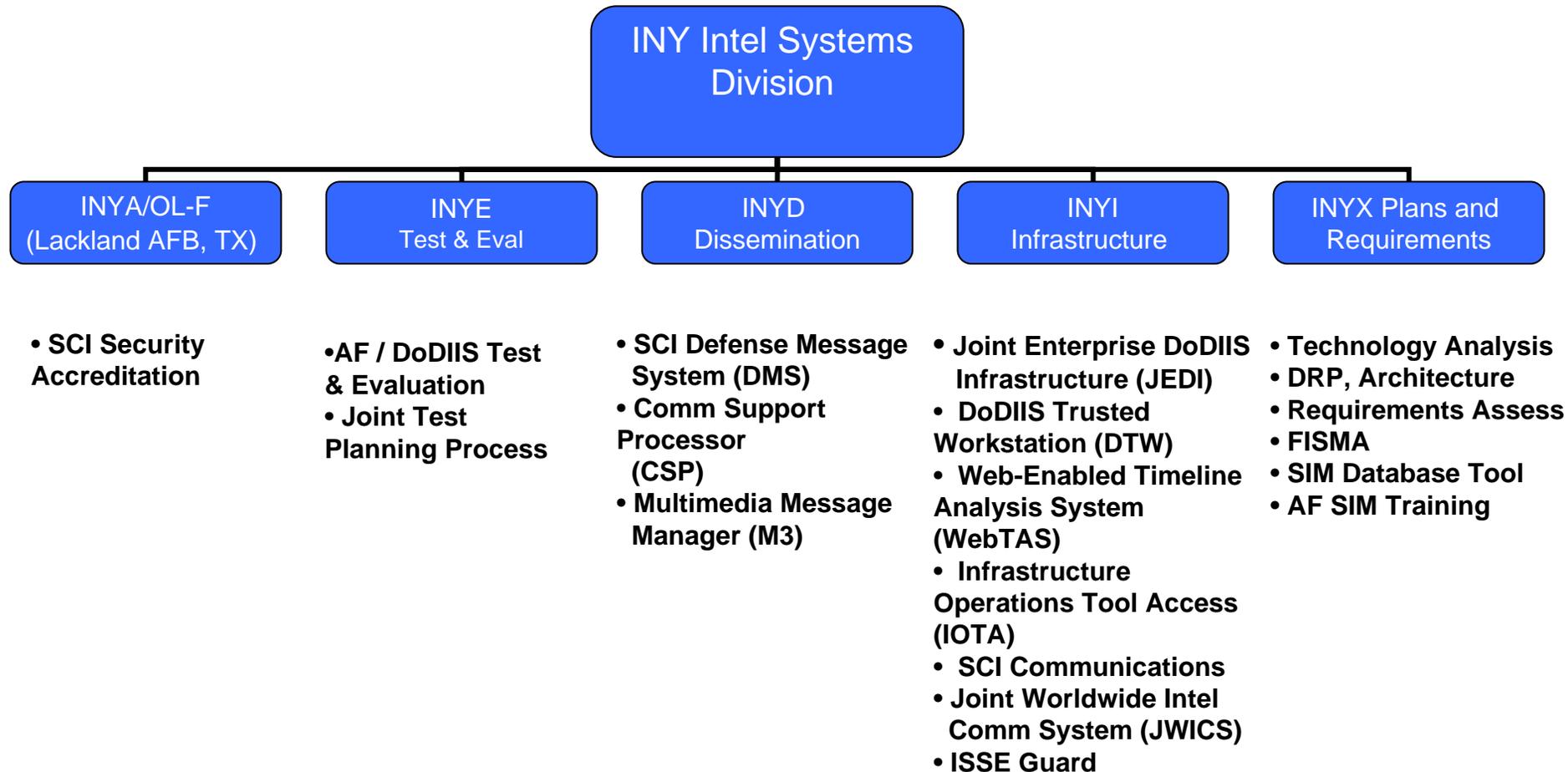
Intelligence

C2



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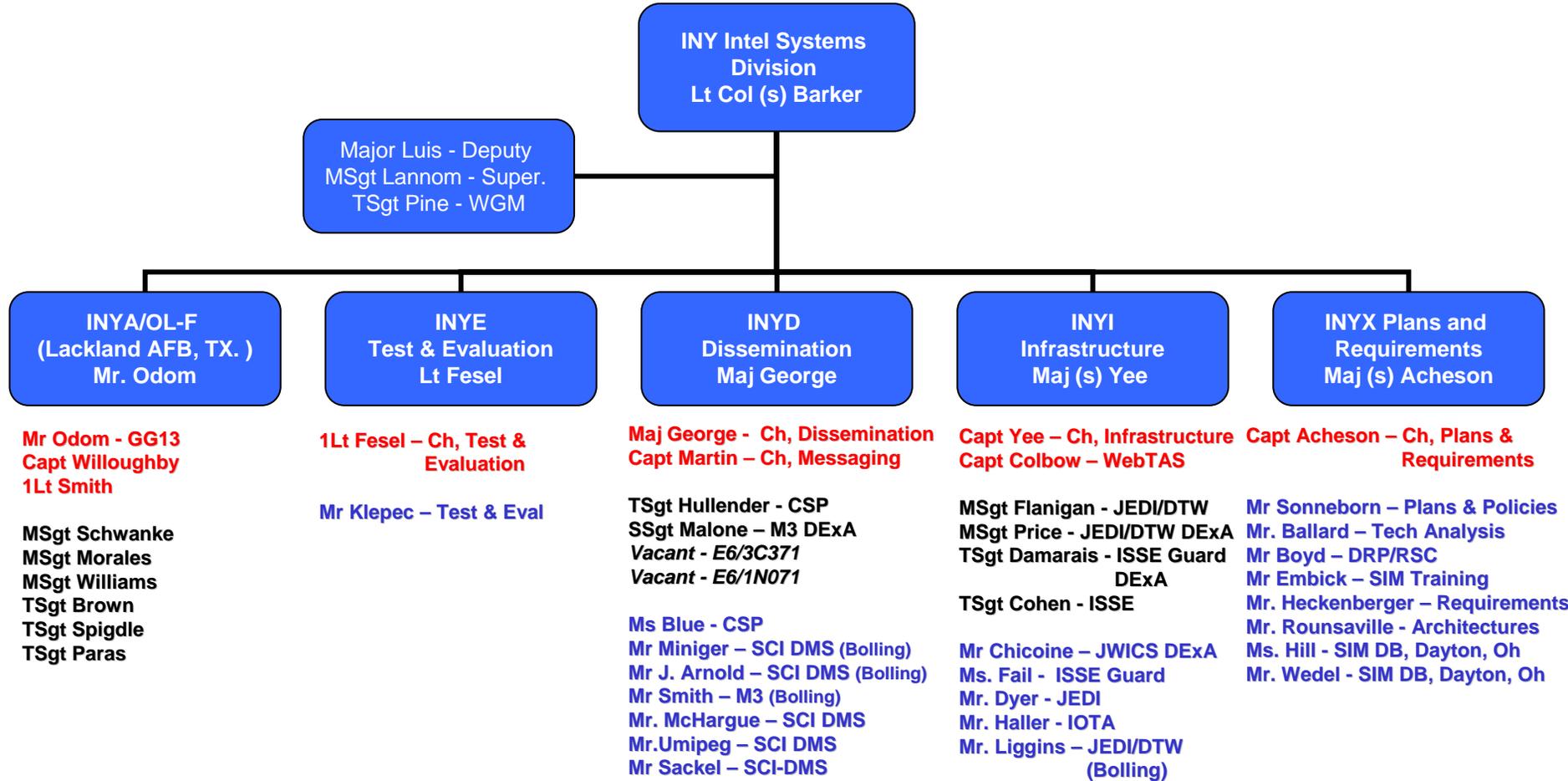
Intelligence Systems Division (IN Y)





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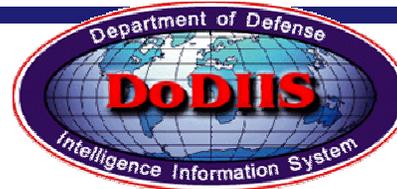
Intelligence Systems Division





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GDIP Customers



DIA
DoDIIS Community



Unified
Commands

Air Force

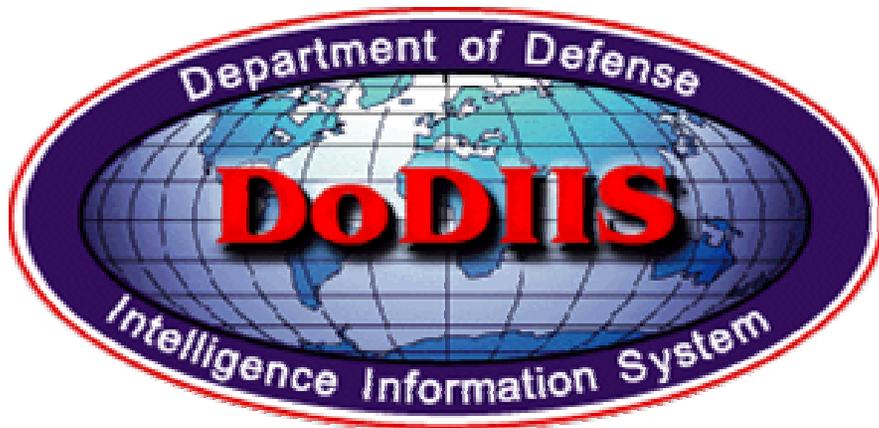
“On behalf of XOI”



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INY “Value Added”

- **INY provides National Intelligence Community support**
- **We execute DoD and AF Intelligence Systems roles**
- **Serve as DoDIIS Executive Agent (DExA) for multiple programs**
- **INY’s responsibilities are directly tied to HAF/XOI**





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IN YX

Plans & Requirements

▪ **MISSION/FUNCTION:**

- Ensure Intelligence Information Technologies (IIT) are planned, defined, implemented, and operated in compliance with DoD and Intelligence Community architectures, requirements, and standards processes.
- Support Air Staff (XOIRY) technical oversight of DoD Intelligence Information Systems (DoDIIS) policy, governance, and operations
- Provide direct liaison support to USAF-sponsored Unified Combatant Commands and Science & Technology Centers for DoDIIS IIT implementation and systems life cycle management actions.

▪ **PROGAMS**

- AF Disaster Recovery Program (DRP) and Regional Service Center (RSC) implementation (*AF Executive Agent*)
- Federal Information Security Management Act (FISMA) compliance (*AF/XOIRY Focal Point*)
- Technology Assessment / Assessment for DoDIIS / AF DExA systems
- **AF GDIP Requirements Process**
- AF GDIP / DoDIIS Architecture Analysis
- Systems Integration Management (SIM) Training for AF-sponsored DoDIIS organizations
- SIM Database Toolset and adjunct AIA Architecture Integration Toolset (AIT)



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DoDIIS Disaster Recovery Program (DRP)

Description

- The DRP is an intelligence data replication and recovery program
- Coordinating DR with the DoDIIS Regional Service Center (RSC) program and required Continuity of Operations Planning (COOP) efforts

Employment Past/Present/Future

- First AF DR System reached FOC – Jun 04
- Expected completion of data storage and recovery systems with all sites IOC – Sep 04
- Expected completion of intelligence application backup and recovery systems – Dec 05

Status/Issues

- DIA DRP funding is GDIP; Service DRP funding is JMIP
- Need increased Air Staff and AFC2ISRC:
 - Guidance/policy on scope of AF DRP
 - Involvement to ensure site participation
 - Involvement in RSC, COOP and DR coordination

Support for the Warfighter

- All warfighters at JICs and JACs now have their mission critical and mission essential data protected
- Lessons learned from DoDIIS process have direct applicability to AOC disaster recovery storage efforts



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Federal Information Security Management Act (FISMA)

Description

The Federal Information Security Management Act of 2002 requires all Federal operations to provide a comprehensive framework (FISMA Report) to ensure the effectiveness of information security controls over information resources. (*FISMA, Section 3541*)

Employment Past/Present/Future

- DIA tasks Services to submit annual report in accord with FISMA guidelines.
- In turn, AF/XOI tasks AFC2ISRC/IN to report security information for all AF SCI accredited systems.
- DIA consolidates Service responses to submit to OSD, Congress

Status/Issues

- FISMA report 2004 completed 8 Jun 04 and forwarded to AF/XOIRY.
- DIA plans to begin quarterly FISMA updates to ensure the latest data is available and to reduce scope size of current annual requirement.

Support for the Warfighter

- Report highlights status of sensitive information systems and focuses attention on maintaining control over accreditation process.



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DoDIIS Technology Analysis/Assessment

Description

- Report emerging technologies relevant to C2ISR weapon systems implementations to determine value-added benefits, technical risk, and cost and schedule impacts per current DoD, GDIP, DoDIIS, and AF guidance.
- Investigate new and emerging technologies for applicability to AF GDIP systems and determine suitability for meeting user needs.

Employment/Past/Present/Future

- Research and evaluate technologies in commercial and government domains for applicability to AF GDIP systems.
- Quarterly assessment reports on emerging technologies for implementation consideration.

Status/Issues

- Investigating Voice Over Internet Protocol (VoIP) technologies in line with DIA planning.
- Assessing GDIP/DoDIIS compliance requirements to meet OSD/NII Internet Protocol version 6 (IPv6) mandates
- Prior research into XML / Metadata tagging, and guard technologies

Support for the Warfighter

- Technology research ensures that GDIP/DoDIIS system implementations are compliant with national guidance.



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AF GDIP/DoDIIS Requirements Analysis

Description

- Design, develop, and implement an intelligence systems requirements process for AF GDIP intelligence technology (IT) systems
- Mesh AF GDIP requirements process with AF ISR requirements process

Employment/Past/Present/Future

- Proactively solicit requirements for DoDIIS IT systems capabilities from AF DoDIIS organizations, including AF-supported Unified Combatant Commands.
- Develop, implement, and support working groups and decision boards to adjudicate AF DoDIIS IT systems requirements

Status/Issues

- Completed initial requirements process document for planning actions
- Drafting charters in development for requirements working group and integrated product team
- Implementing a formal process requires support from AFC2ISRC, AF/XOIRY, DIA, and Combatant Commands.

Support for the Warfighter

- Formalizing a requirements process will permit GDIP funded DoDIIS systems to react more quickly to perceived capability needs.



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AF GDIP/DoDIIS Architecture Analysis

Description

- Monitor/analyze AF DoDIIS architecture efforts to ensure compliance with AF & DoDIIS policies
- As required, develop DoDIIS architectures to support AF enterprise perspective

Employment/Past/Present/Future

- Develop strategy to map existing/planned AF and DoDIIS architectures to comply with AF & DoDIIS guidance
- Define need lines and information exchange between AF ISR and DoDIIS architecture efforts
- Analyze architectures to support integration, programmatic, and budgetary decisions in synch with defined requirements & technology assessments

Status/Issues

- Support to INX ISR Mission Area Analysis to define DIA node / reachback activity via RSC
- Work with DIA, RSC nodes to define RSC baseline architecture
- Support DIA CIO to develop specific guidance for DoDIIS Enterprise Architecture process & policies

Support for the Warfighter

- DoD Architecture Framework is defined, but DoDIIS Enterprise Architecture still largely in early formation
 - 2002 Enterprise Architecture Guidance still in draft



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Systems Integrated Management Training (SIM Training)

Description

SIM provides leadership a structured approach for the integration of changes and transitions to enterprise IT baselines. SIM affords an edge for making informed decisions. The DoDIIS Enterprise Transition Methodology (DETM) requires Services to provide Service-Oriented Integration Management training classes.

Employment/Past/Present/Future

- Develop and maintain SIM Training Plan and Master Training Schedule.
- Develop and Maintain Training materials
- Conduct SIM Training:
 - Basic SIM Course
 - Analytical Methods
 - SIM DB Training

Status/Issues

2004 Training

- National Air & Space Intelligence Center (NASIC, AFMC & PACOM/ ALCOM personnel)
- USTRANSCOM/J2 (USTRANSCOM & AMC personnel)
- Hampton Area (JFCOM, USAFE, ESC, USFK, USSOCOM & USSOUTHCOM)

Support for the Warfighter

- Per DIA guidance, INYX provides SIM training courses to Air Force locations and personnel.
- As the only Service to provide this training, we receive requests from other DoDIIS / non Air Force locations requesting our training courses. (Currently USSOUTHCOM & NGIC)



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Systems Integrated Management Data Base (SIM DB)

Description

The SIM DB offers users in the Air Force and DoDIIS communities a powerful tool to support SIM and Chief Information Officer (CIO) related data management, analysis, and reporting while allowing the migration of data to other media or tools as needed.

Employment/Past/Present/Future

- Manage SIM DB user requirements from collection through implementation.
- Chair SIM DB Configuration Control Board.
- Host SIM DB and Architecture Integration Toolset (AIT) Working Group Meetings.
- Maintain SIM DB Program Management Plan, Software Development Plan, Change Management Plan, and Configuration Control Board (CCB) Charter.

Status/Issues

- Provides SIM products: Master Integrated Schedule, Interface Matrices, Fiscal Year Reports, “Stoplight Status” Reports, “Quick List” Reports, Software License Reports, and System Architectures (with netViz™).
- SIM DB v4.3 in development; includes Quad Chart, automated Site transition Plan generation, and H/W & S/W web data entry.

Support for the Warfighter

- Majority of users prefer web-based front end for data entry & MS Access backend.
- SIM DB v4.3 is currently being developed for Windows 2000 and Office 2000 however, a broad based user move to Windows XP and Office XP may require v4.3 to be built in the XP environment.

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