

2010 DoD BIOMETRICS COLLABORA TION FORUM

January 26-28, 2010 | Charlotte, NC
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Session "Way Ahead" Presentations

28 January 2010



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Briefing Order

1. Biometrics in DoD Strategic Documents
2. ABIS Overview
3. CJIS Auditing Process
4. Formalizing the Requirements Process for Entry into DoD ABIS
5. Biometric Image Quality Measurement Algorithms
6. Operational Metrics
7. Architecture Objectives and Metrics
8. Building Interoperability through Architecture
9. Full Spectrum Biometrics
10. Interoperability and Information Sharing
11. Biometrics in Support of DoD Identity Management
12. Afghanistan Current Operations Overview
13. Biometrics Training
14. Data Latency
15. ISAF ABIS
16. Last Tactical Mile



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*Biometrics in DoD
Strategic Documents*



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Biometrics DoD Strategic Documents

Ms. Lisa MacDonald, Chief, Plans Branch

How can the biometrics community influence the inclusion of biometrics themes and concepts within DoD strategic documents of similar importance to the QDR?



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Session Objectives

- **Challenges:**

- Lack of biometrics equities in current Strategic Guidance Documents (i.e., NSS, NMS, NDS).
- 2001 QDR identified biometrics as an emerging technology worthy of vigorous development and exploitation...but the 2006 QDR had **no** reference to biometrics or identity management – a missed opportunity.

- **Desired Outputs:**

- Determine the appropriate entry points for collaborating and influencing strategic guidance documents to ensure inclusion of biometrics equities.
- Identify stakeholders in the biometrics community who will “sign.up” to collaborate and represent the equities of the DoD Biometrics community in the development of various strategic documents.



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Findings and Insights

- *Derive themes from BESP / BESP-I*
 - *Goals, Objectives, Actions aligned to echelons of Strategic Documents (e.g., Goals articulated at the QDR level)...*
 - *...while ensuring BESP / BESP-I align with Higher-order Strategy*
- *Collaboration required to ensure mutually reinforcing themes*
 - *Intelligence Strategic Documents*
 - *Interagency Strategic Documents*
- *Must be proactive*
 - *Identify the POCs for each strategic document, develop a package, pre-brief...influence before documents are drafted*



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Next Steps

- *Map BESP / BESP-I Goals, Objectives, and Actions to the Strategic Documents*
- *Identify relevant Intelligence and Interagency Strategic Documents*
- *Collaborate with J-5 Joint Strategic Planning Working Group*
- *Develop master list of POCs for DoD, Interagency, Intergovernmental Strategic Documents*

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*DoD ABIS Overview
and CJIS Audit*



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DoD ABIS Overview

- Cheley Gabriel, Chief, Enterprise Operations Division
- Session Overview – To discuss the DoD ABIS first year of operations and provide metrics and anecdotes for the worlds first truly integrated multi-modal biometric database.



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Session Objectives

- Challenges and Desired Outputs – To discuss with the biometrics community of interest success stories and challenges faced with operating and maintaining the DoD's authoritative biometric repository, as we look for ways to enhance our capability and improve our service to the Warfighter.



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Findings and Insights

Key Discussion Points

- Cross Domain Solution
- Interoperability (seamless data sharing through TRIAD)
- TEDAC Latent Prints (internal BTF backwards compatibility)
- SOCOM web application (use lessons learned for community)
- Request for contextual (biographical and situational) searches
- Tailorable Data subsets (user defined and web-enabled)
- BEI Watchlists (automated, figurable, and scalable)
- Priority processing within ABIS



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Next Steps and Timeline

- Progress
 - Chose top three topics (CDS, TRIAD, BEI WL/data subsets)
 - Leverage NGIC documentation for CDS
 - Collecting ALL documentation to support requirements from COI
 - Captured input from COI on top three as priorities
 - COI wants information on progress of all initiatives
 - Educated community on DOD ABIS capabilities
- Way Ahead
 - Use the BDS COI as venue to update on all forum discussions (16-18 FEB in Arlington, VA)
 - Provide status update on CDS (5 FEB)



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DoD ABIS Audit

- Cheley Gabriel, Chief, Enterprise Operations Division
- Session Overview – This discussion will begin with a brief overview of the audit process, an explanation of the potential audit impacts, and findings from the past ABIS audit.



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Session Objectives

- Challenges and Desired Outputs – Objectives for the session will include defining future audit goals, outlining the activities to prepare for the next audit, and ultimately working toward the development of an implementation plan for future audits of ABIS. This topic will also cover Service Level Agreements, their implementation, and impact on current and future ABIS Users.



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Findings and Insights

- Key Points:
 - Discussed seven findings (CHRI data, TOTs, and traceability)
 - How to mitigate (Service Level Agreements, MOUs, MOAs, limit TOTs)
 - What actions have already been implemented (CJIS Security Addendum, APB attendance, TMI)
 - Reinforcement of actions required (education and awareness)
 - Audit schedule and performance



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Next Steps and Timeline

- Progress
 - Using a biometric to log on to system for traceability
 - Advisory Policy Board owns the FBI data
- Way ahead:
 - Continue to educate community in these types of forums
 - Continue to move forward with the remediation plan
 - Institutionalize audit process at BTF
 - Ensure DOD ABIS audit process incorporates DOD interoperability certification processes



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Formalizing the Requirements
Process for Entry into DoD ABIS

Co-Lead by Standards and Requirements Branch BTF



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Formalizing the Requirements Process for Entry into DoD ABIS

- *Tom DAgostino, Benji Hutchinson, Harrison Bittenbender*
- *Session Overview*
- Policy on Biometric Information Sharing
- Strategic Vision: "The Triad"
- Challenges Facing the BTF and DoD
- Biometric and Identity Standards that Enable Information Sharing
- BTF Requirements Gathering: DHS as a Use Case
- Tools and Products
- Way Ahead



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Session Objectives

- *ABIS Questionnaire Content-*
 - *Initiated from a collaborative effort between BTF and DHS*
 - *ABIS Questionnaire modeled after DHS IDENT Questionnaire*
 - *Collaborative tool proposed for use to capture current or future requirements for information sharing*
- *ABIS Volume Transaction Spreadsheet*
 - Summarizes daily data biometric submissions from DoD biometric enabled collection devices and total number of biometric files in ABIS
- *Offering Interested Agencies/Countries ABIS Services or Determining Their Unique Requirements*



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Findings and Insights

- *ABIS Questionnaire could be utilized by current DoD stakeholders as additional tool to track new requirements*
- *Completed Questionnaires could benefit the process for creating Service Level Agreements (SLA)*
- *Future Requirements section will be added to allow Agency to outline their five and ten year capability objectives*
- *More detailed Instructions for the Agency trying to complete the Questionnaire are necessary*
- *ABIS Introduction Brief needs to include scenarios of Military operations and Biometric Collection Techniques*



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Next Steps and Timeline

- *5 FEB 10: Meeting Minutes and Taskers will be sent to all participants (BTF/RMB & STB)*
- *Next 30 Days: Incorporate comments from this event into the Tool Bundle (ABIS Questionnaire, Transaction Volume, and ABIS Overview) (BTF/RMB, TMB, M&E and PM)*
- *Next 60 Days: Formally staff the Tool Bundle for approval across the BTF (BTF/RMB)*
- *Next 90 Days: Schedule a second meeting with session participants for additional collaboration on the Tool Bundle (BTF/RMB)*



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Biometric Image Quality
Measurement Algorithms



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Quality Measurement Algorithms

- *Leader:*
 - *Mr. Tom D'Agostino*
 - *Dr. Bob Yen*
 - *Mr. Benji Hutchinson*
- *Overview :*
 - *DoD Biometric Sample Image Quality Requirements*
 - *BTF Biometric Sample Image Quality Algorithms and Toolsets*
 - *Key Benefits*
 - *Implementation*
 - *Future Development*



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Session Objectives

- **Challenges:**
 - *Providing the current status of developing vendor-neutral and DoD owned biometric sample image quality measurement algorithms and toolsets*
 - *Identifying the additional quality requirements to improve the capabilities of all quality measurement toolsets*
- **Desired Outputs:**
 - *Commitments from DoD and USG agencies to field the quality tools and begin standardizing the quality of biometric samples*



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Findings and Insights

- *Multiple agency inquiries for BTF Biometric Quality Measurement toolsets*
 - *Office of Naval Research (ONR)*
 - *Army Night Vision*
- *Increased interest in 3-D Facial Recognition Standards development*
- *Benefits of implementing quality tools are still unclear to stakeholder community*
 - *Higher matching performance correlated with high quality images*
 - *Improved processing times with appropriate quality thresholds for images*
- *Quality tools could be used for training to underscore importance to users*
- *Re-affirmed interest in development of a BTF iris image quality measurement toolset*



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Next Steps and Timeline

- *Next 15 Days: Provide update to Army Night Vision on 3-D Facial Recognition Standards (BTF/STB)*
- *Next 30 Days: Distribute quality measurement tools to requesting agencies (BTF/STB)*
- *Next 60 Days: Identify additional requirements for quality tools by coordinating with session participations in a future working group session (BTF/STB)*



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Operational Metrics



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Operational Metrics

Session Leader: Russ Wilson (BTF).

Panel: Ms Lisa MacDonald (Plans Branch); Ms Kim Woods, and Leanna Efaw (BTF); Brian Abe (JITC); Larry John (Anser); and Dr David Machuga (Northrop Grumman).

Session Overview: Performance metrics include both qualitative and quantitative measures; given that effective metrics must yield a robust picture for decision-making confidence, shared services performance measures may include maturity scales, standards, checklists, business capability, and user experiences



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Session Objectives

- Challenges:
 - Synergize existing efforts to build a strategic approach for the Biometrics Enterprise
 - Recognize *“perfect can be the enemy of the good,”* scope the problem space and provide initial guidance
- Objective 1: Identify performance criteria, indicators, descriptors, and candidate measures to positively impact the spectrum of end-to-end interoperability
- Objective 2: Identify a governance process to capture and integrate critical information related to performance and metrics (performance metrics are driven by strategy)



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Findings and Insights

- Met Objective 1; provided, discussed, and modified an initial set of performance criteria, indicators, descriptors, and candidate measures
 - Provided handout identifying “Metrics in Terms of Operational Considerations”...good starting point but more is needed
 - Tasked participants to identify additional measures
 - Estimated Completion Date (ECD): 2 Mar 10
- Met Objective 2; identified a governance way ahead to capture and integrate critical information related to performance and metrics
 - Feed results to existing governance processes
 - ECD: 6 Apr 10



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Findings and Insights (continued)

- Breakthroughs
 - Identified way ahead to successfully answer significant issues:
 - Who measures and how?
 - Who uses metrics data and for what?
 - What tools are available?
 - Biometric Enterprise Strategic Plan (BESP) not widely known
 - Reached consensus to:
 - Consolidate enterprise metric efforts; get it done!
 - Provide feedback mechanism via community dashboard (institutional efficiencies and operational effectiveness)
 - Oversee and manage process; metrics collection, analysis, and reporting is not a finite effort with an end point
 - Various tools identified; just scratched the surface
 - Presented seven performance areas and four domains



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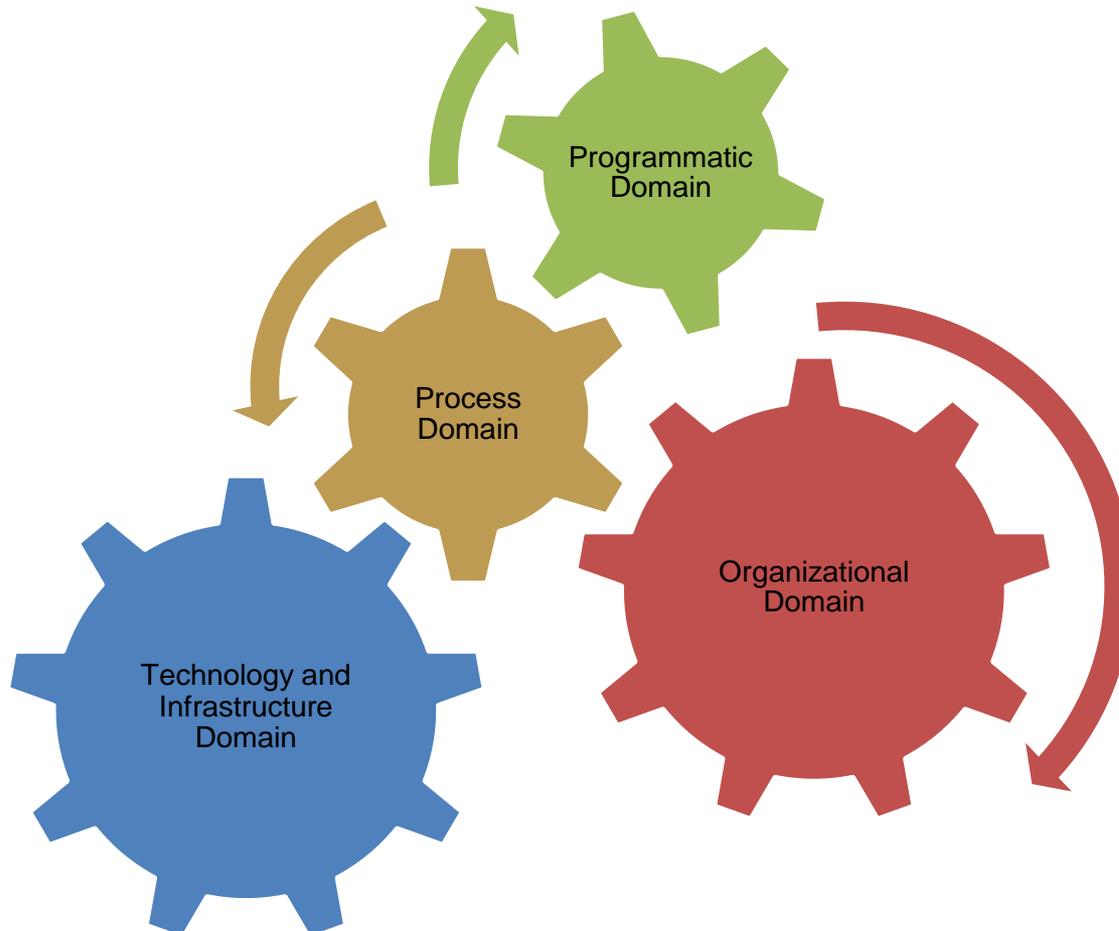
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Domains



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Next Steps and Timeline

- Align Enterprise Metric efforts with BESP
 - Refine goals, strategies, and constraints; and
 - Refine applicable standards, policies, and procedures as needed
 - Collaborate throughout community before claiming success
- Build upon identified institutional and operational metrics for success across the enterprise
- Put governance mechanisms into place
- Develop, collaborate, and finalize an Enterprise Metrics Management Plan by 1 Jun 10



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*Architecture Objectives and Metrics
and Building Interoperability
through Architecture*



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Architecture Objectives and Metrics Building Interoperability through Architecture

- Mr. Giovanni Demonte, Architecture Branch Chief
 - Nicholas Swingle, BTF Architecture
 - Adam Pannone, BTF Architecture



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Session Objectives

Challenges:

- Improving data sharing
- Coexistence of classified and unclassified data
- Stakeholder consensus and understanding of architecture requirements and goals.

Desired Output:

- Agreed upon definition for interoperability.
- Identify and validate biometrics enterprise architecture objectives.
- Agreed upon enterprise architecture approach.



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Findings and Insights

- *In large part, community agrees to architecture baseline approach*
 - *Common set of terms*
 - *Using the Joint Common System Function List (6212.01E)*
- *Agreement of 3 primary goals for the Biometrics Enterprise Architecture (EA)*
 - *Interoperability*
 - *Family of Systems (JCIDS support)*
 - *Support warfighter/decision-maker*
- *Established a plan forward for the To Be EA*
- *Defined Interoperability at the EA level*
- *Discussed leveraging existing Cross Domain efforts and POCs*



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Next Steps and Timeline

- *Provide a Biometrics architecture interoperability process*
 - *Plan on rough draft in 6-8 weeks*
- *Coordinate follow-on meeting to discuss using architecture for operational decision support*
 - *Plan to include at 9 Feb Architecture Stakeholder meeting*
- *Coordinating a meeting with the Stakeholders on the As-Is and To-Be approach at the EA level*
 - *Plan to include at 9 Feb Architecture Stakeholder meeting*
- *Meet with PM Biometrics and BTF West (incl. JITC liaison) to discuss Cross Domain next steps*
 - *Plan to conduct meeting in next 30 days*

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Full Spectrum Biometrics

LTC Brian Hunt

Mr. IDProTECT



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Full Spectrum Biometrics

- *LTC Brian Hunt*
- *Panel:*
 - CAPT John Boyd, Director, Naval Identity Management Capability, Office of the Asst. Secretary of the Navy (Research, Development, and Acquisition)
 - Ms Janice Condo, Deputy Director, Personnel Security, USD-I
 - Mr Mike Earhart, CTR Support to USD-I Security Directorate, Physical Security
 - Mr Art Friedman, DoD Privilege Management
 - Mr Jim Hatcher, Defense Man Power Data Center
 - Mr Al Miller, USD-P, Policy Integration
- *Session Overview: Open discussion on some of the most challenging issues with emphasis on the friendly side of full spectrum biometrics.*



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Session Objectives

Identify the issues and questions that the biometric community must pursue to realize the benefits of full spectrum biometrics including:

- Authorities
- Requirements
- Policy
- Privacy
- Technology



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Findings and Insights

- Participation:
 - 84 attendees
 - 37 Organizations
- Insights:
 1. "Need to sell friendly biometrics"
 2. "? Biometrics are personal but not necessarily private ?"
 3. "Approach to policy should be proactive not reactive"
 4. "Lawyers don't write policy. They should make sure we are not breaking the law"
 5. Gov't has inherent responsibility to conduct check for PIV-I holders
 6. IA of biometrics systems is essential to enterprise solutions
 7. Biometrics could be used to measure more than just identity



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Next Steps and Timeline

1. Decompose requirements from existing formal requirements documents
 - 1.1 Identity based documents and derived requirements
2. Document use cases and mission threads for friendly / full spectrum biometrics
 - 2.1 Existing customers (Recruiting, HSPD-12)
 - 2.2 ASECNAV (RD&A) Developed
 - 2.3 Follow-up w / DHS on use cases
3. Develop and Implement a strategic communications plan for friendly
 - 3.1 Qualitative / Quantitative Analysis
 - 3.2 Anecdotes e.g. German employment on DoD bases
4. Evaluate privacy policy in contrast to biometric implementation
 - 4.1 Actionable vs. Attribute / Personal vs. Private
5. Ensure that biometrics equities are represented in upcoming DoD and Federal Issuances
6. Coordinate IA position and policy WRT biometric systems with DIAP
7. Evaluate scope of biometrics - automated recognition of ...people, disease, intent?



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Next Steps and Timeline - Primary

ACTION	START	LEAD	SUPPORT
Privacy Policy and Definitions Analysis	(O)	DPO	POB, BFB, DMDC
Mission threads / Use Cases	B+10	BFB	RMB, ARB, ASN(RDA)
Strategic Communication Plan	B+15	EEB	BFB, PLB, POB
Requirements Decomposition	B+30	RMB	BFB, POB, ASN(RDA)

B = Is brief out, 28 JAN 2010

(O) = Ongoing



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Next Steps and Timeline - Supporting

ACTION	START	LEAD	SUPPORT
PIV-I Integration	(O)	ASD(NII)	BFB, POB, RMB, DMDC
Community access to DBEKS	B+5	BFB	IT
5200.2 DoDI	B+10 (O)	USD(I) – Personnel Security (SD-106)	BFB, POB
Scope of biometrics – “other than ident”	B+30	EEB	STB, BFB, CTB
DIAP Coordination	B+30	BTF CIO	BFB, ARB, ASD(NII)
5200.8-R Revision	B+90	USD(I) – Physical Security (SD-106)	BFB, POB
FIPS 201 Review	B+90	BFB	STB

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Interoperability and Information
Sharing



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Interoperability and Information Sharing

- *Anthony Demestihias*
- *Panel:*
 - Russ Wilson, BTF
 - Karyn Becker, DHS
 - Chastity Anderson, FBI
- *Session Overview: Open discussion on some of the most challenging issues with interoperability and data sharing between intergovernmental agencies*



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Session Objectives

- Determine gaps and appropriate methods for reaching interoperability with Interagency, and Multinational partners.
- Outline the policy gaps in Biometric data sharing.
- Determine best practices for reaching agreements with both "intra-" and "inter-" partners.



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Findings and Insights

- Participation:
 - 70 attendees
- Insights:

The discussion focused on identifying and alleviating roadblocks that prevent interoperability, including technology gaps and policy impediments, including:

 - Limitations of each agencies systems and the ability for IDENT-ABIS to connect
 - The DoD-DHS MOA and supporting operational agreements
 - Different organizational definitions of interoperability
 - Requirements of DoD-DHS entities' information needs
 - General lack of information, knowledge and understanding on biometrics and the respective databases



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Next Steps and Timeline

- Determine operational requirements for IDENT and ABIS customers
- Ensure a single node of communication exists between the agencies.
 - NCIS shouldn't contact DHS requesting biometric information. BTF is the conduit.
- General lack of information, knowledge and understanding on biometrics and the respective databases.
 - What is available and what do we have access to?
- Taking advantage of full data sharing between IAFIS and IDENT. Use IAFIS as a conduit to its full potential until MOA is agreed to and interoperability is operational.
- DoD components need to become more familiar with interagency partner capabilities (ex: DHS data sets).
- Apply lessons learned from previous sharing agreements and interoperability efforts.



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Next Steps and Timeline

ACTION	START	LEAD	SUPPORT
Operational Requirements	(O)	RMB	POB, EEB
Defining Agency Entry Points	B+10	EEB	POB, PLB
Improving Community Knowledge	B+15	EEB	BFB, PLB, POB
IAFIS Information-Sharing	B+30	TMB	POB,

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Next Steps and Timeline

ACTION	START	LEAD	SUPPORT
Watchlist Challenges	B + 20	IMB/NGIC	POB
Lessons Learned	(O)	EEB	BFB, POB, PLB, TMB

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Biometrics in Support of DoD
Identity Management



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Biometrics in Support of DoD Identity Management.

- *Mr. Anthony Demestihias*
- *Panel:*
 - Mike Earhart, USD(I)
 - Cynthia Musselman, BTF
 - Janice Condo, USD(I)
 - Shawn Elliott, BTF
- *Session Overview:* As the role of Identity Management is further explored within the DoD, the relationship of Biometrics and Identity Management will need to be more clearly defined and gaps will have to be addressed and solved by a friendly policy.



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Session Objectives

- Discuss the role of a biometrics capability within the DoD's Identity Management implementation.
- Provide an update on the development and coordination of a policy allowing the collection and storage of biometrics on friendly DoD personnel and non-personnel.
- Discuss issues related to the development and implementation of a friendly policy.
- Receive an overview on the IdProtect system



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Findings and Insights

- Participation:
 - 67 attendees
- Insights:
 - Discussion on the need for a friendly biometrics policy that allows for the collection and storage of biometrics in support of base access, law enforcement and force protection operations.
 - A greater understanding across DoD of the need for friendly biometrics is required.
 - Policy must be written to take into account developments of corresponding initiatives by fellow DoD components, including USD(I).



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Next Steps and Timeline

- Develop, coordinate and implement a policy that develops the framework for the collection of biometrics from “friendly” DoD and non-DoD personnel.
- Ensure the policy is rolled out in coordination with a strategic communications plan.
- Work with DoD entities/stakeholders to collaborate on the implementation of a friendly policy.



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Next Steps and Timeline

ACTION	START	LEAD	SUPPORT
Friendly Policy	(O)	POB	EEB, PLB, BFB
Strategic Communication Plan	B+15	EEB	BFB, PLB, POB
Establish a Meeting w/DoD Stakeholders	B+30	EEB	POB, BFB

B = Is brief out, 28 JAN 2010

(O) = Ongoing



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IPM Implementation Guidance

Gap Analysis of IPM Implementation
Guidance Objective 1.3



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Gap Analysis of IPM Implementation Guidance Objective 1.3

- *BTF AF Team - Giles*

- *Team members: Mr Carl Lance, Ms Ashley Holmes, Ms Susan Doyle, Ms Sarah Rose, Ms Cheryl Fang, Ms Cindy Musselmann*
- *Contributors: Dr Alex Lazarevich, PM Bio; Art Nagy, SYSCOM; Capt John Boyd, SecNav; Mr Scott Ulrich, AF Pgm Spt Office; Ms Jean Schultz and Mr Jim Hatcher, DMDC; Mr Art Friedman, DoD Priv Mgt; Ms Chelley Gabriel, S&T Branch Chief; Mr Chris Miller, BTF S&T; LCDR Mary Ann Swendsen; US Coast Guard*

- *Session Overview*

- *Interviewed conference participants to define current state for monitoring and identifying current and emerging biometrics technologies*
- *Identified notional AS IS and TO BE states and developed draft recommendations to enhance the Services' ability to identify potential biometrics solutions*
- *The effort is an unfunded request by the IPMWG in support of the IPMSCG*

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Findings and Insights



Need to data mine across and down stove pipes to find and share

- *Duplication and fragmented, stove-piped R&D efforts across Services, industry, and academia*
 - *Limited information sharing on R&D lessons learned across Services, industry, and academia*
- Lack of DARPA involvement in emerging and cutting edge biometrics technologies*

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Next Steps

- *Long Range: Develop clearing house capability to find and share information for all DoD R&D biometrics efforts*
 - *DoD Techipedia type technology with more open access to academia and industry)*
 - *Efficient, effective, objective, comprehensive , and integrated across JIIM*
- *Near Term: Report back to working group on conference findings and recommendations, as part of the working group strategic implementation plan*

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Afghanistan Current
Operations



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Afghanistan Current Operations

- *LTC Buhrow*
- *Will provide Afghan Biometrics Briefing and updates on status of manning, equipping, and other support provided by BTF*



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Session Objectives

- *This is an informational session—no deliverables anticipated.*

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Findings and Insights

- *Current environment in Afghanistan and impact on biometrics operations*
- *Successes and challenges for Task Force Biometrics*
- *Current main missions for TF Bio and what operations, and organizational enhancements will lead to successful mission accomplishment*
- *Unique TF Biometrics efforts to fuse biometrics in intelligence processes and products*



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Next Steps and Timeline

A number of questions were raised by Mr. Dee, that include:

- Status of biometrics sharing with Coalition Allies*
- Ongoing or projected efforts to support the TF Biometrics Campaign Plan*
- Status of efforts to expand current contracts to provide additional biometric support services in country*



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Biometrics Training

Who's in Charge?



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Biometrics Training

- *LTC Buhrow / Mr. Kershner*
- *Review the historical documentation, stated deficiencies/gaps, current training efforts, and way ahead for mid-long term corrective actions*
- *Session will serve as basis for a White Paper that lays out a biometrics training strategy*

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Session Objectives

- *Review the history of biometrics training efforts. How did we get where we are today?*
- *Describe the current biometrics training activities/programs?*
 - *What works, what doesn't and how can it be improved?*
- *Document the gaps/deficiencies (based upon the TNA and other assessment)*
- *What are the obstacles to improved training?*
- *Lay out path to Solution Sets and OPRs/Supporting Elements*



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Findings and Insights

- *Improved training guidance req'd (CENTCOM)*
- *More training equipment needed*
- *Leader and staff training MUST be addressed*
- *Not all Soldiers need the same training*
- *Leader's Handbook for Biometrics in Afghanistan from CALL will help fill doctrinal void*
- *MTT training efforts need improvement/expansion*
- *CTCs, First Army needs must be addressed*
- *Expansion of ARCENT RSOI training may not be possible*



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Next Steps and Timeline

- *Army must designate a proponent for Biometrics (Feb 10?)*
- *BTF provided draft training guidance to CENTCOM (Done)*
- *AWO has allocated \$1.5M for additional training equipment at 37 locations (Done)*
- *NSTID has draft now for Leader and Staff Training*
- *PM Biometrics will review current contract and see what can be done with additional resources (Feb 10)*
 - *Provide FSEs/trainers for home station training*
 - *Expand efforts at CTCs*
 - *Expand functions of training MTTs*



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Next Steps and Timeline

- *NSTID is currently working on a better “Biometrics 101”*
- *Proposed Leader and Staff Training (Biometrics 201) should help to address current issues that reduce effectiveness of MTTs from NSTID (Feb 10)*
- *Several participants will draft portions of Leader’s Handbook for Biometrics in Afghanistan (19 Feb 10)*
 - *Working draft by mid-March*
 - *Goal is late spring publication*



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Next Steps and Timeline

- *All participants will provide input /material for BTF Training Web Page (Feb 10)*
- *JFCOM has offered to host next meeting of BFTWG in Suffolk, VA (11-13 May)*
 - *Review draft of CALL handbook at that time*
 - *Review material on BTF Training Page*
 - *Review Leader and Staff Training*



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Data Latency



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Data Latency

- Leaders: LTC Bill Buhrow (BTF); Mr. Christopher E. Stone (PM-Bio); MAJ Eric Pavlick (PM-Bio)
- Collaborators: Art Nagey, Brett Downs, Chris Flanders, Larry Campbell, David Ellis, John Totten, Nick Rymer



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Session Objectives

- Continue plan and actions to improve data replication in Afghanistan

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Findings and Insights

- *Team believes/has proven that with proper configuration by experts, the existing replication scheme (DSS) will improve operations in Afghanistan.*
- *CENTCOM could provide a threshold list of file attachment types needed at each location – yields traffic reduction. Only skeleton DB, portrait, WL should replicate down*
- *A NETAPP solution has a maintenance/ops effort*
- *Might be able to leverage existing theater NETAPP HW or link optimizers*



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Next Steps and Timeline

- *Phase 1 (2-4 week schedule)*
 - *PM-Bio will review NetQoS study for adoption*
 - *CENTCOM will provide replication schema and characterization of data links (BW, availability, etc.)*
 - *CENTCOM will provide list of locations where NETAPP or link optimizers are operating (possible piggybacking)*
 - *SMEs will deploy to AFG to optimize BAT system/topology (SME candidates: Nick Evancich, Brett Downs, Mike Robbins)*
 - *PM will investigate DB sharing between collocated servers*
 - *AFG should starting using BAT.WEB to access attachments on demand + reduce thin client reliance*
 - *PM to estimate DSS robustness improvement schedule*



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Next Steps and Timeline

- Phase 2 (Mid-Term; 1-3 months)
 - PM, LTO, CENTCOM, BTF will continue investigating and testing new materiel solutions (NETAPP, link optimizers, SQL Server 2000/2008 + 3rd-party replication software)
 - CENTCOM will attempt to accelerate/waive 25-200 IA process to get software optimizer testing in AFG; PM will work the 25-200 package in parallel
 - PM to complete server upgrades to Dell 610/710 (possible performance improvement)
- “Best meeting I’ve been to in 3 days” – Chris Flanders



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ISAF ABIS



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ISAF ABIS

- Leader: LtCol Pratt
- Key Participants
 - Blake Rowe-NGIC
 - Chris Munn-USD(I)
 - Heather Hall-JIEDDO
 - William Vickers-USD(I)
 - CWO-5 Arek Malhas- SHAPE



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Session Objectives

- The first day was an informational session to educate the community about the ISAF ABIS concept and way ahead
 - Question and Answer Session
 - No Deliverables were Generated
- A follow-on focus group was established to:
 - Identify critical path to IOC, define tasks, and assign OPRs
 - Develop documentation required to submit a formal resource request to JIEDDO
 - Develop ISAF ABIS engagement and implementation strategy



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Findings and Insights

- *Identified path to IOC and initiated development of a formal Project Plan*
- *More accurately scoped data transfer and retention architecture based on intel, contextual, forensic and biometric data*
- *Scoped costs to establish ROM and support JR2AB and JIPT Briefs as well as the Acquisition Strategy*



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Next Steps and Timeline

- *Complete development of the ISAF ABIS CONOPS (1wk)*
- *Finalize ROM (2wks)*
- *Receive JIEDDO concurrence to support ISAF (1mo)*
- *Finalize project management plan and task appropriate organizations to execute (2wks)*
- *Identify contract vehicle and draft a Task Order (1wk)*
- *Initiate ISAF Engagement Strategy (2wks)*
- *Coordinate/confirm CENTRIX-ISAF extension to ISAF partners (3mo)*



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Required Organizational Support

- *BTF/PM to provide priority Acquisition Project support to get to IOC*
- *Army G2 to provide implementation plan and ROM for supporting analytical capability*
- *USD(P) to provide policy analysis and development support*
- *USCENTCOM to issue requirements, tasking, and deployment orders to support IOC*
- *USEUCOM to coordinate NATO capability evolution*
- *TF Biometrics-Forensics to execute ISAF Engagement Strategy*



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Last Tactical Mile



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Last Tactical Mile

- LTC Buhrow / Mr. Demonte
- Review the stated deficiencies/gaps (including current JUONS), ongoing efforts to apply corrective measures, and way ahead for mid/long-term corrective actions.

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Session Objectives

- Define the problem(s).
- Discuss past efforts to address the problems—what has worked and what has not and why?
- Discuss ongoing efforts to include recent LTM exercise/tests.
 - Document comments from participants.
- Lay out path to Solution Sets and OPRs/Supporting Elements.
 - Near Term (0-90 days).
 - Mid Term (90-180 days).
 - Long Term (180 days+).



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Findings and Insights

- *PM DoD Biometrics Efforts:*
 - *PM has funded CERDEC to assist MITRE in development of solution*
 - *MITRE identified tactical radios as best alternative to provide this connectivity*
 - *Forward BAT data over tactical radio network (EPLRS, PRC 117G) using NORM protocol*
 - *Prototype completed 18 Jan 10*



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Next Steps and Timeline

- *Pre-field testing scheduled for week of 8 Feb 2010 (Camp Dawson, WV)*
- *Field test planned for Mar 2010 (Ft. Huachuca, AZ)*
- *PM to coordinate with DA G-2 on LTM efforts and their planned March testing.*

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