



BIOMETRICS
DEPARTMENT OF DEFENSE

Presented by
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DoD BIOMETRICS PROTECTION PROFILE (BPP)

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<http://www.c3i.osd.mil/biometrics>



DoD Biometrics
Protection Profile

- **Guidance**
- **Protection Profile family**
- **Priority of efforts**
- **Status**





Assistant Secretary of Defense

(C31)

19 January 2001
Biometrics as an IA Enabler Memorandum

- **DoD Biometrics Management Office prepares a Biometrics Products List (BPL) in compliance with the National Security Telecommunications and Information Systems Security Committee's National Information Assurance Acquisition Policy (NSTISSP 11).**
- **DoD Biometrics Management Office establishes a contracting vehicle for DoD components to procure BPL products.**



NSTISSP Number 11

- **Effective 1 January 2001, preference shall be given to COTS IA and IA enabled products, which have been evaluated, validated in accordance with:**
 - **The Common Criteria and NIAP Validation Program**
 - **The NIST Federal Information Processing Standard (FIPS) Validation Program**
- **Evaluations will be conducted by accredited commercial laboratories, or the NIST.**
- **By 1 July 2002, the acquisition of all COTS IA and IA enabled IT products shall be limited to those which have been evaluated and have met these standards.**





DoD BMO and NIAP

- DoD BMO fully supports the goals of NIAP and the Common Criteria
 - Protection Profiles
 - Security Targets
 - Certified Laboratories

- DoD BMO maintains a mutually beneficial relationship with NIAP
 - Provides On-Site Biometrics Expertise
 - Develops Protection Profiles (PP) and assists vendors seeking CC Compliance (Security Targets/Evaluations)



What is the DoD Biometrics Protection Profile?

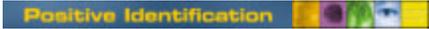
The BPP identifies and defines the minimum functional and assurance requirements for Department of Defense (DoD) biometric products and systems.





DoD Biometrics Protection Profile

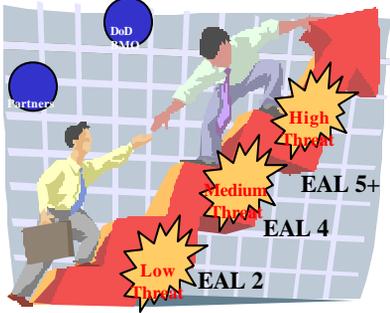
- Based on Version 2.1 of the Common Criteria, International Standard 15408
- Evaluated and certified in accordance with the provisions of the NIAP Common Criteria Evaluation and Validation Scheme and the Common Criteria Recognition Arrangement (CCRA)



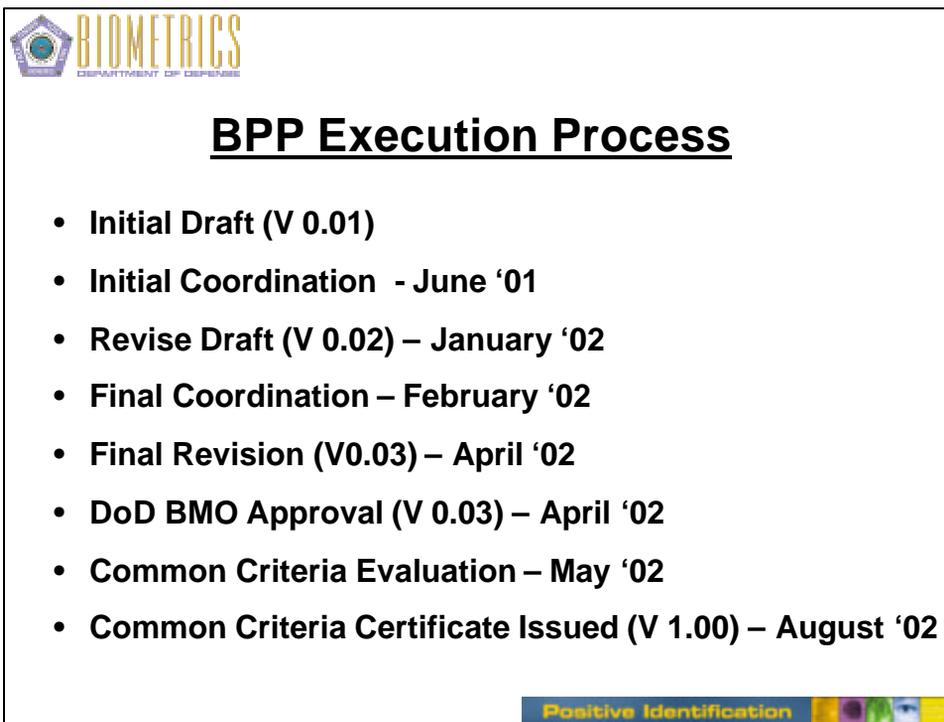
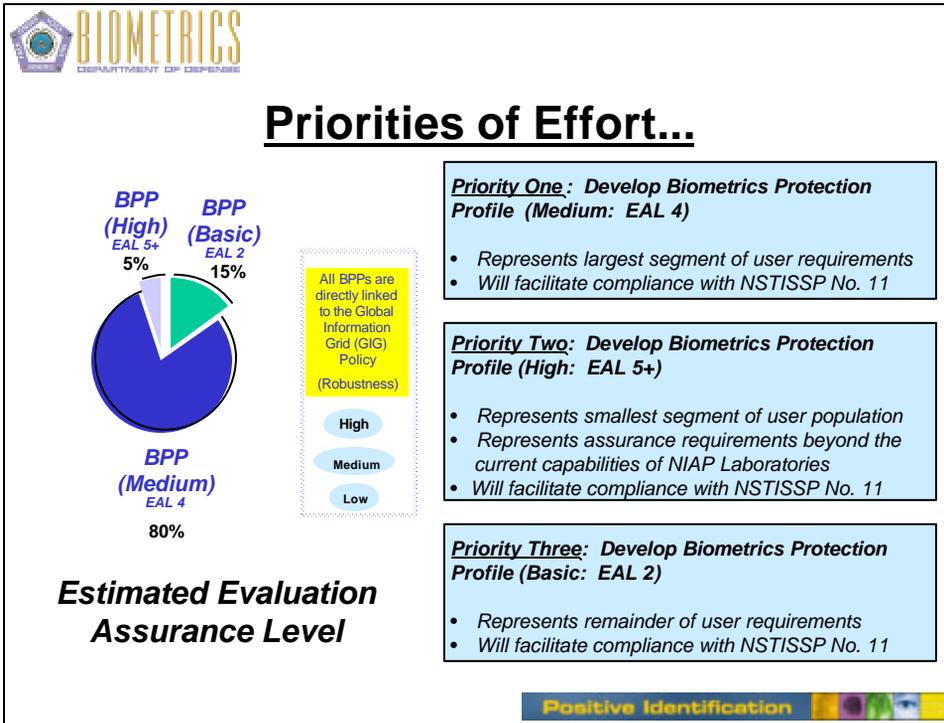


A “Family” of Biometrics Protection Profiles

- Supports a wider range of:
 - Threats
 - Operating Environments (IT&Non-IT)
 - User Requirements
- Discourages selective compliance
 - Vendors must meet or exceed all security requirements to claim conformance
 - Multiple profiles better define requirements
 - Precedence set by Firewall Protection Profiles
- Encourages support of NSTISSP No. 11
 - Provides model for Security Targets
 - Stimulates product development









Status

- **Public vetting/review of version 0.02 will be accomplished concurrently through the use of the following websites:**
 - **National Information Assurance Partnership (NIAP)**
 - **Information Assurance Technology Framework Forum (IATFF)**
 - **DoD Biometrics Management Office (DoD BMO)**
- **Soliciting Comments**
- **Compare DoD & Federal BPP-medium draft version 0.02 with UK biometric device protection profile (BDPP) draft issue 0.82**
- **Biometrics Protection Profile Working Group membership (DoD Community)**

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Positive Identification

