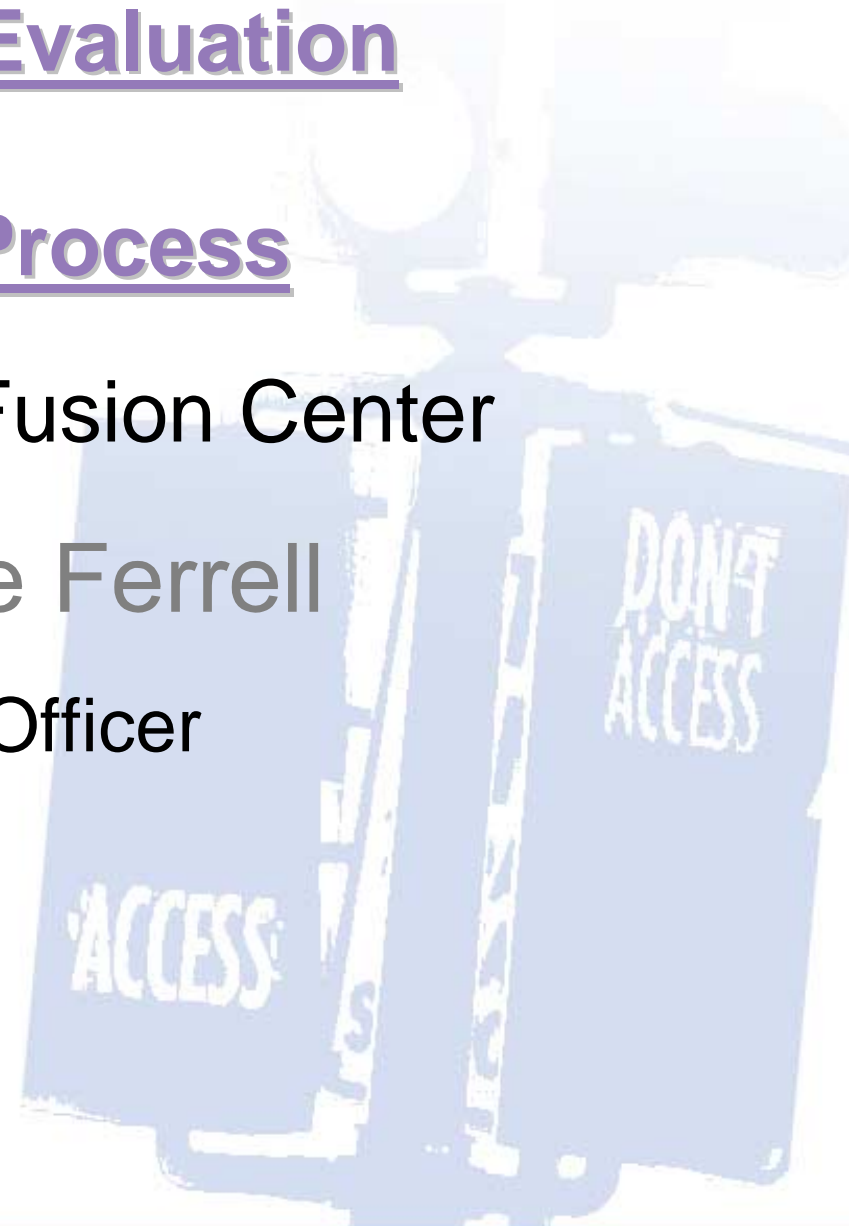


# BFC Product Evaluation and Selection Process

DoD Biometrics Fusion Center

Major Steve Ferrell

Executive Officer



## Purpose of Briefing

To present the selection and acquisition process for biometric devices at the BFC.



## Briefing Agenda

- **Why Evaluate Biometrics Products?**
- **DoD Biometrics Organization**
- **Biometrics Product List**
- **BFC Biometric Product Testing Life Cycle**
- **Acquisition and Selection Process**
- **Selection & Evaluation Criteria**
- **Schedule**

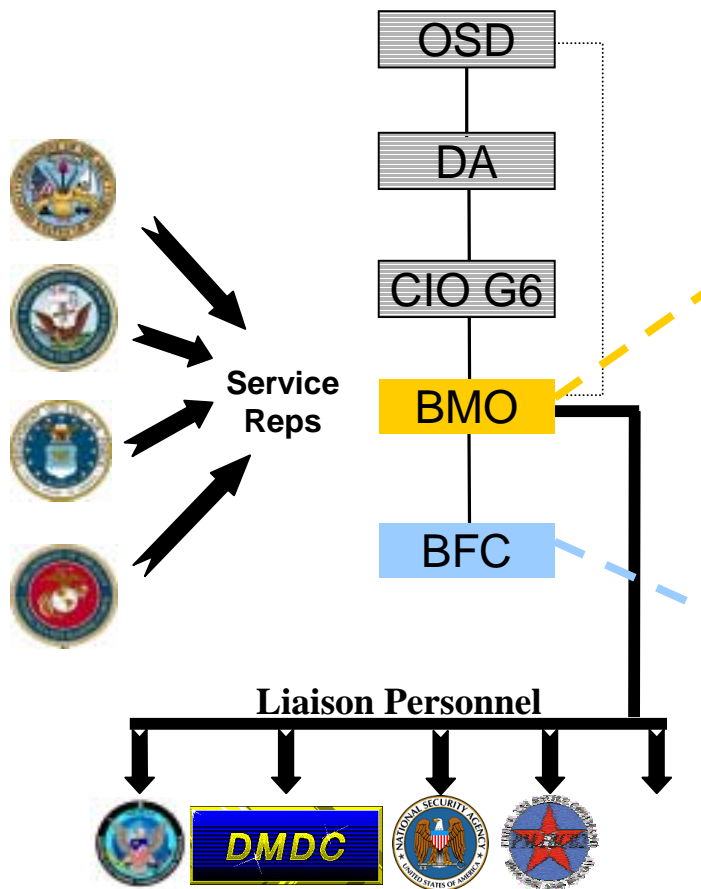
# Why Evaluate Biometrics Products?

To:

- Ensure compliance with Federal and DoD acquisition criteria
- Categorize products for appropriate DoD applications
- Ensure performance is in keeping with proposed application
- Gain information to ensure DoD usage policies and regulations keep step with technology development

# DoD Biometrics Organization

## Chain of Command



### BMO - Biometrics Management Office (DC)

- Oversight
- Planning / Budgeting
- Policy Development
- Acquisition
- DoD Requirements
- Coordination with non-DoD Agencies
- DoD Awareness of Biometrics

### BFC - Biometrics Fusion Center (WV)

- Biometric "KnowledgeBase"
- Standards Development
- Industry/Academia Point of Contact
- Central Repository
- DoD Pilot Projects/Technology Demonstrations
- Common Access Card
- Biometrics Test Database
- Test & Evaluation
- Biometric Product List

## Biometrics Product List

- Will assist DoD members in determining appropriate biometrics technologies for their application
- Will assist DoD members in selecting approved biometrics products for their application
- Will give information on where to acquire the selected product
- Will give information on vendors that can integrate the selected product

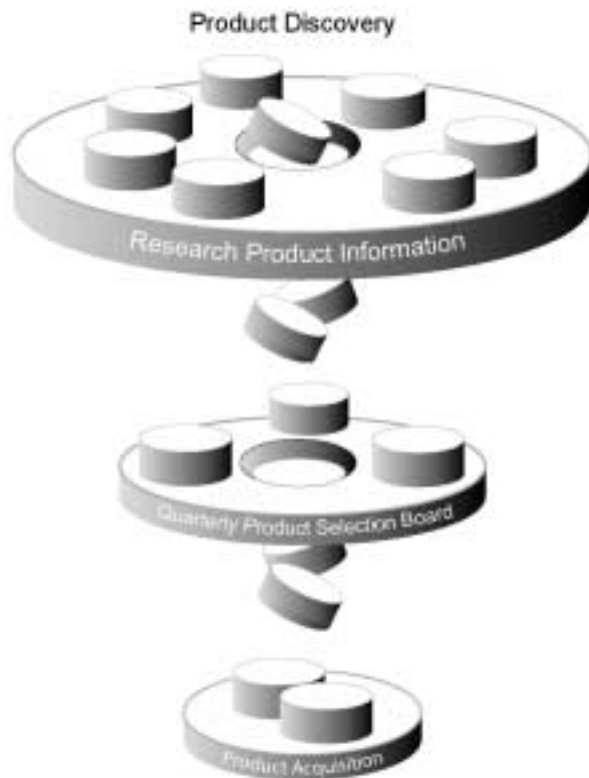
# How Does the DoD Evaluate Biometrics Products?

## **BFC Biometric Product Testing Life Cycle**

- Product Selection
- Product Acquisition
- Product Assessment
- Controlled Environment Testing
- Field Testing
- Posting to Biometrics Product List

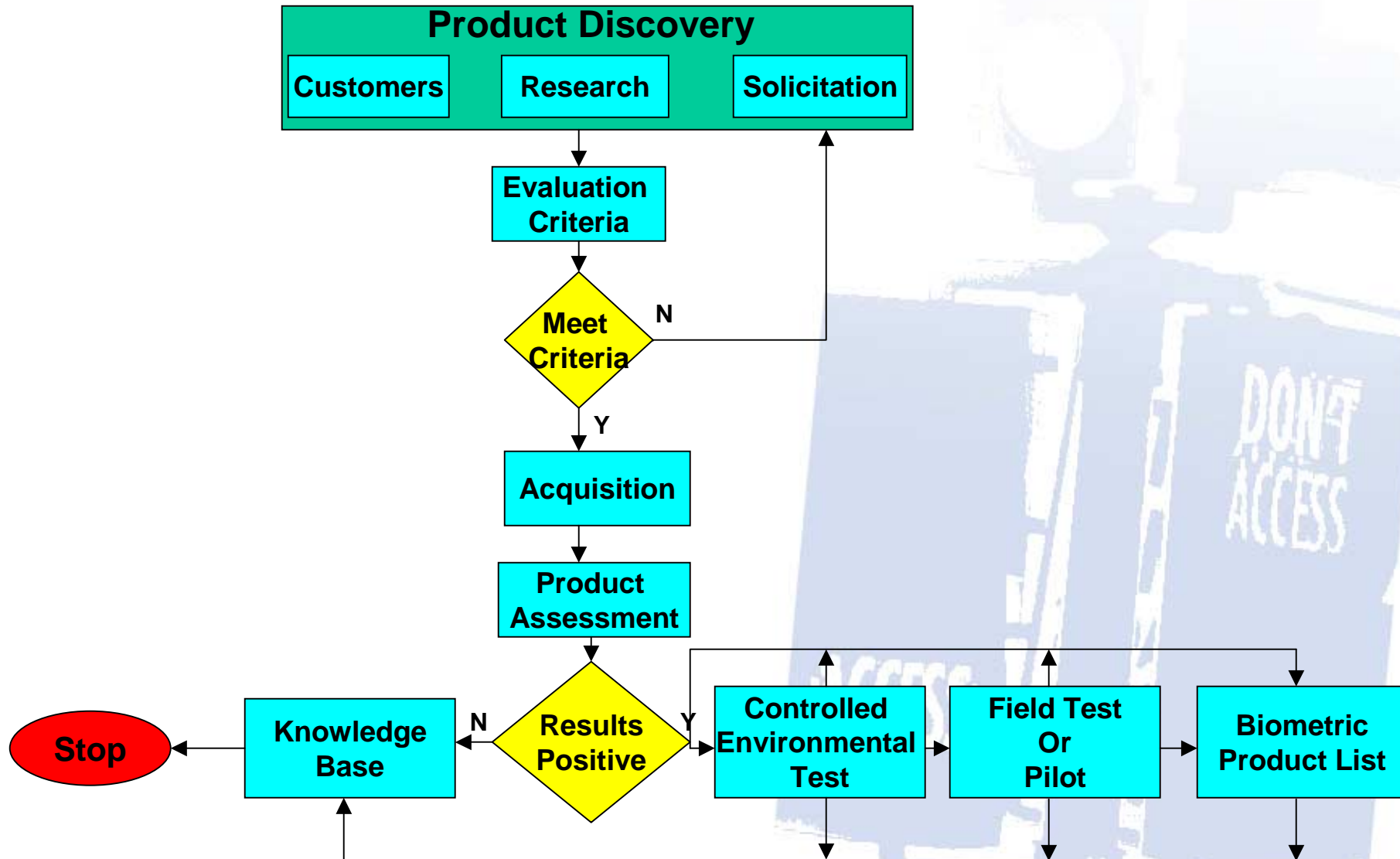


# How Does the DoD Acquire Products for Evaluation?



- Product Discovery
- Product Research
- Quarterly Product Selection Board
- Product Acquisition

# Selection Process



## Product Discovery

- Continuous Vendor and Product Research
  - Attend Conferences and Symposiums
  - Internet Research
  - Direct Contact by Vendors
  - Upgrades for products that have undergone previous assessment and/or testing
- DoD BFC Customer Requests
  - Special Project Test Request
  - Pilot and Technology Demonstration Request

## Research Product Information

- Collect Product Information and Documentation
- Send Vendor Product Questionnaire
  - Research Cost Information
  - Research Maintenance
  - Research Vendor Maturity and Stability
- Schedule Vendor Demonstration at BFC
- Create Product Folder for the Quarterly Product Selection Board

## Quarterly Product Selection Board

- Holds quarterly product selection meetings
- Reviews the overall needs of the organization in accordance with BMO mission statement
- Ensures proposed list reflects current emphasis of DoD
- Reviews list of products proposed to the Board
- Selects products to be evaluated
- Authorizes acquisition of products for evaluation

## Product Selection Criteria

- Be a (COTS or GOTS) product
- Run on currently fielded Operating System (OS) unless the product is designed as a stand-alone product
- Have backup/restore capabilities
- Must have logging and reporting capabilities
- Have encryption

**Note:** New or unique technologies that do not meet criteria may be evaluated for purposes of education and preparation for future applications

## Product Selection Criteria (cont.)

**Adherence to DoD & Industry Standards will also be measured.**

**Preference is given to products that fall into categories below:**

- BioAPI (Biometric Application Program Interface)
- CBEFF (Common Biometric Exchange File Format)
- FIPS 140 Level 2 (Federal Information Processing Standards)
- NIAP (National Information Assurance Program)
- Section 508 (Section 508 of the Rehabilitation Act of 1973, as amended)
- ANSI B10.8 (Fingerprint Minutia Exchange Format)
- X9.84 (American National Standard Biometric Information Management and Security)

# Projected Schedule

## Q2 Product Selection

Research Products	9/23/02- 11/15/02
Product Selection Board Meeting	11/19/02- 11/19/02
Write Report/Organize Data	11/20/02- 11/22/02
Procure Products	12/02/02- 12/31/02

# Summary

- **Why Evaluate Biometrics Products?**
- **DoD Biometrics Organization**
- **Biometrics Product List**
- **BFC Biometric Product Testing Life Cycle**
- **Acquisition and Selection Process**
- **Selection & Evaluation Criteria**
- **Schedule**

# DoD BFC Vendor Contact Information

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