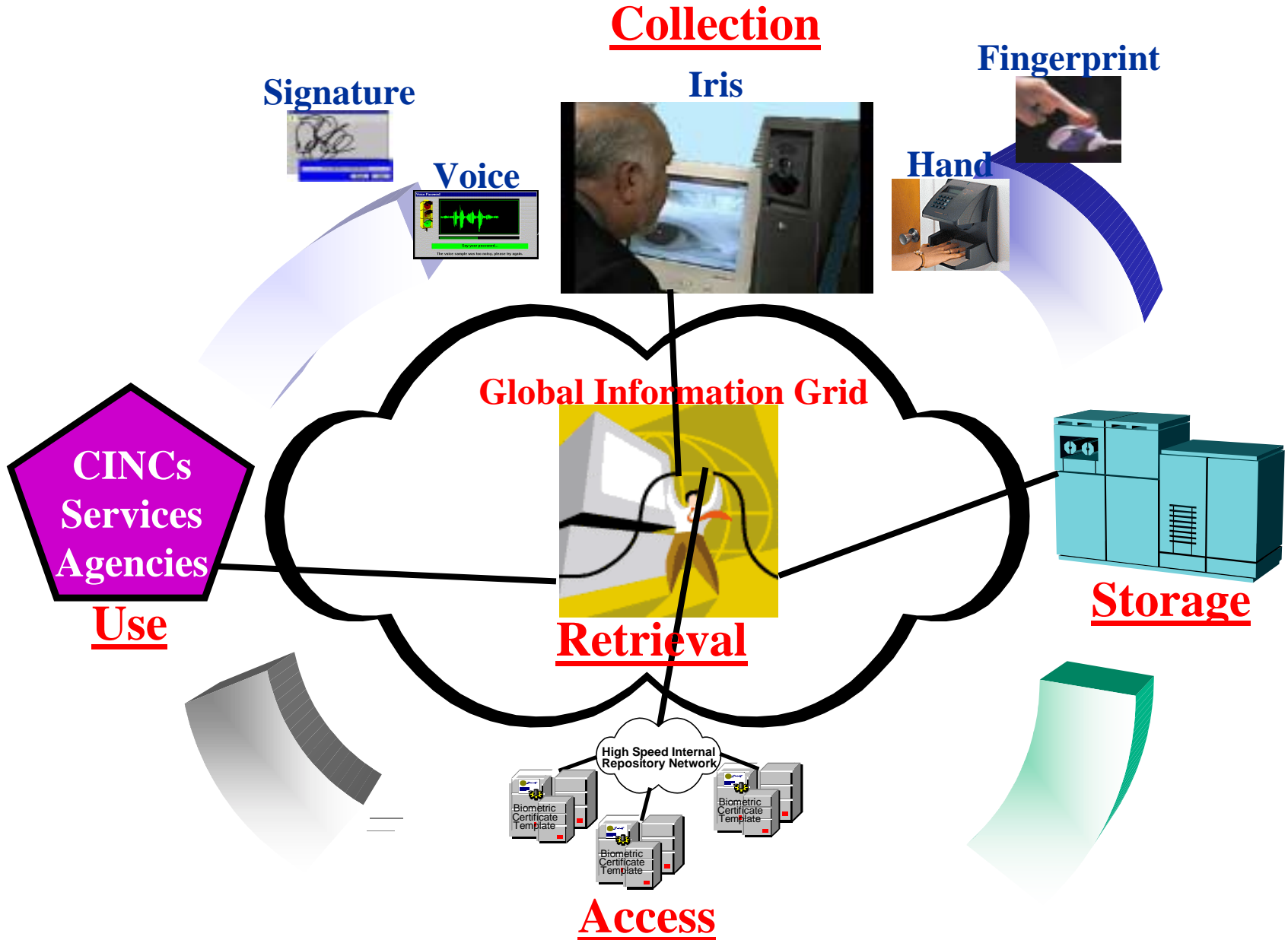


BFC Biometric Product Testing Lifecycle

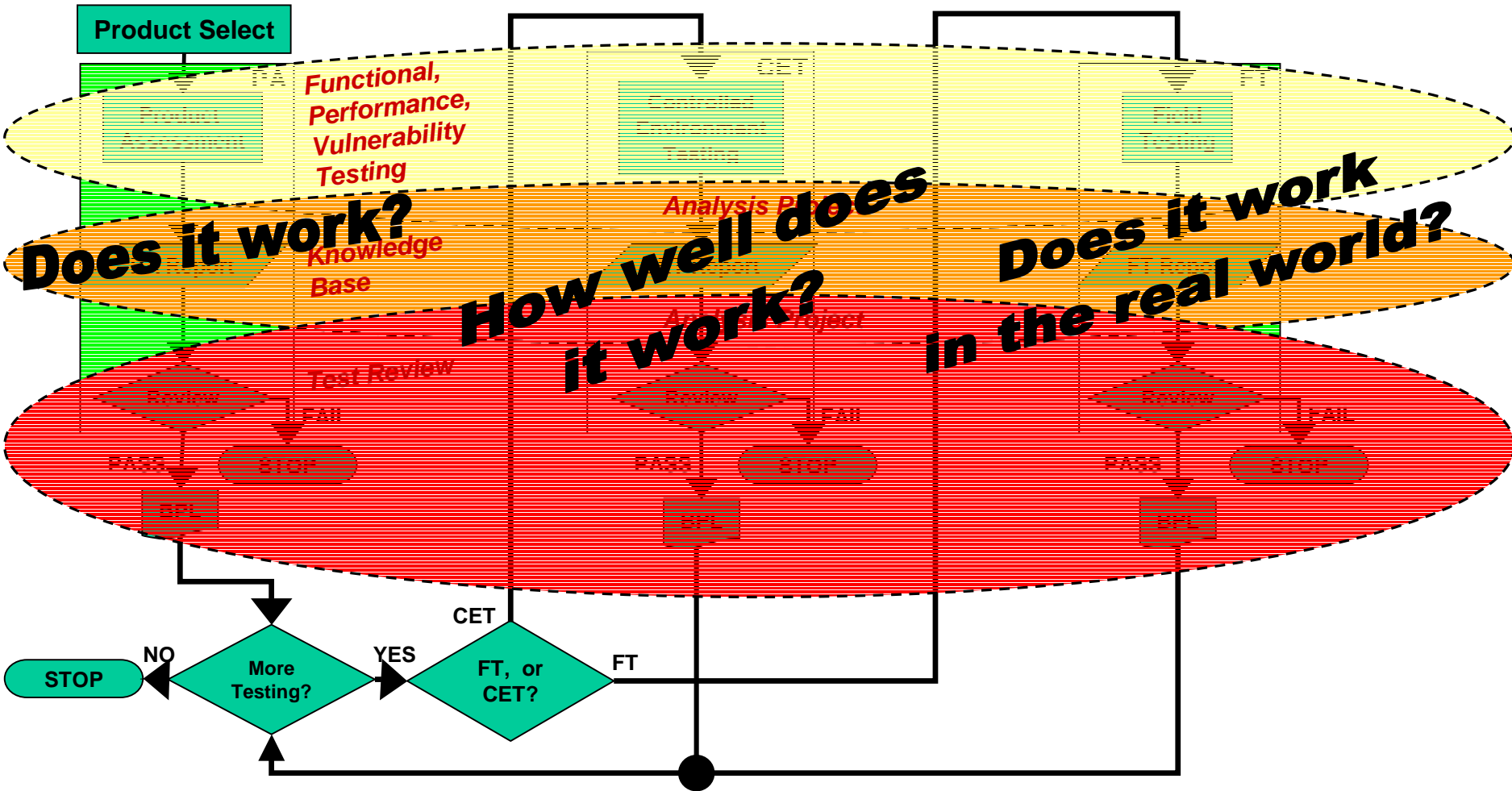
Biometric Consortium Conference
24 September 2002



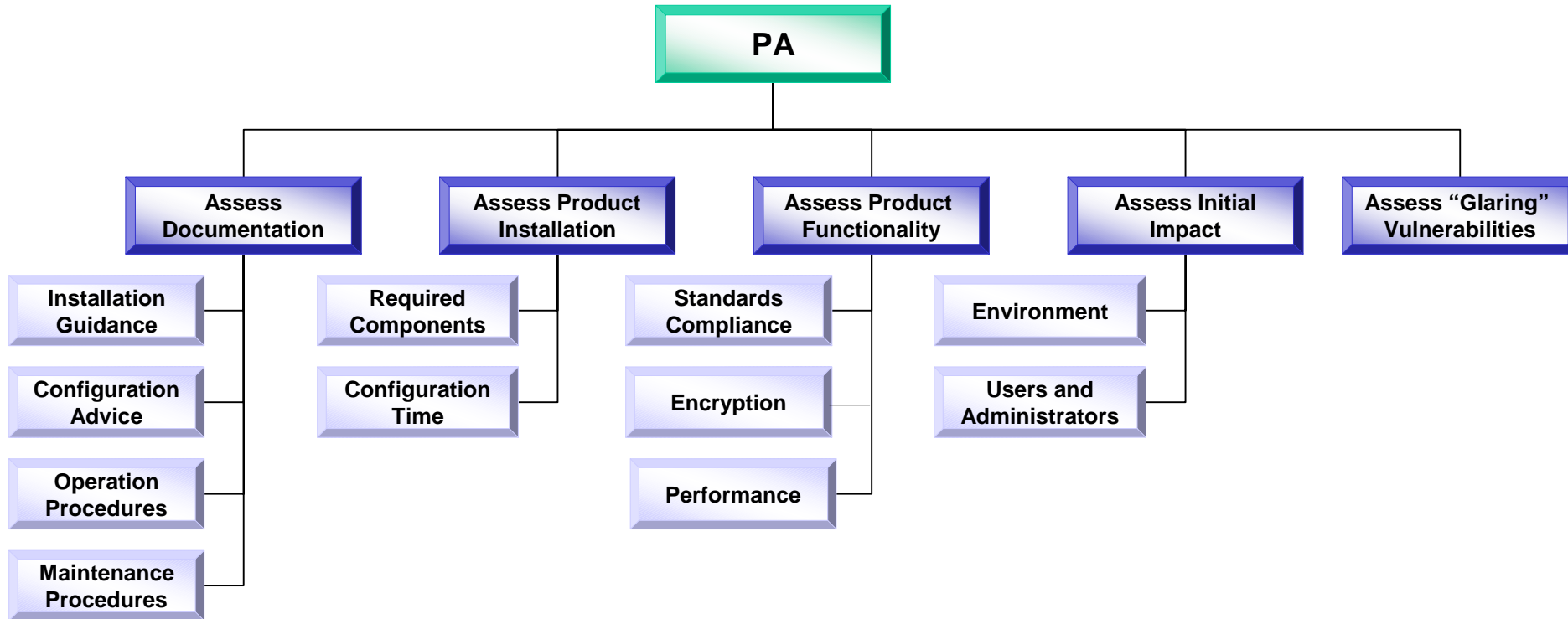
DoD Biometrics Enterprise Solution



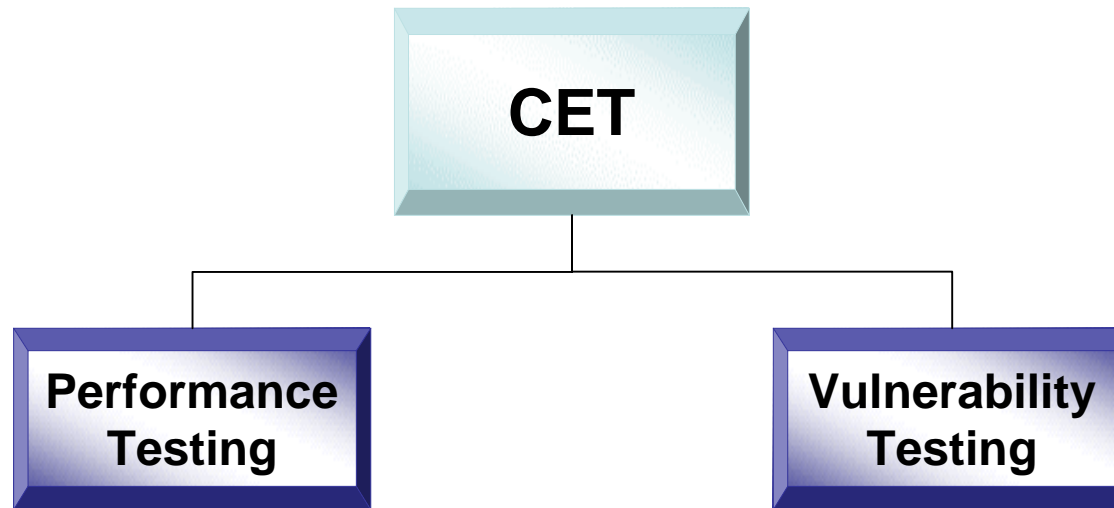
Biometric Test & Evaluation Life-Cycle



Product Assessment Methodology

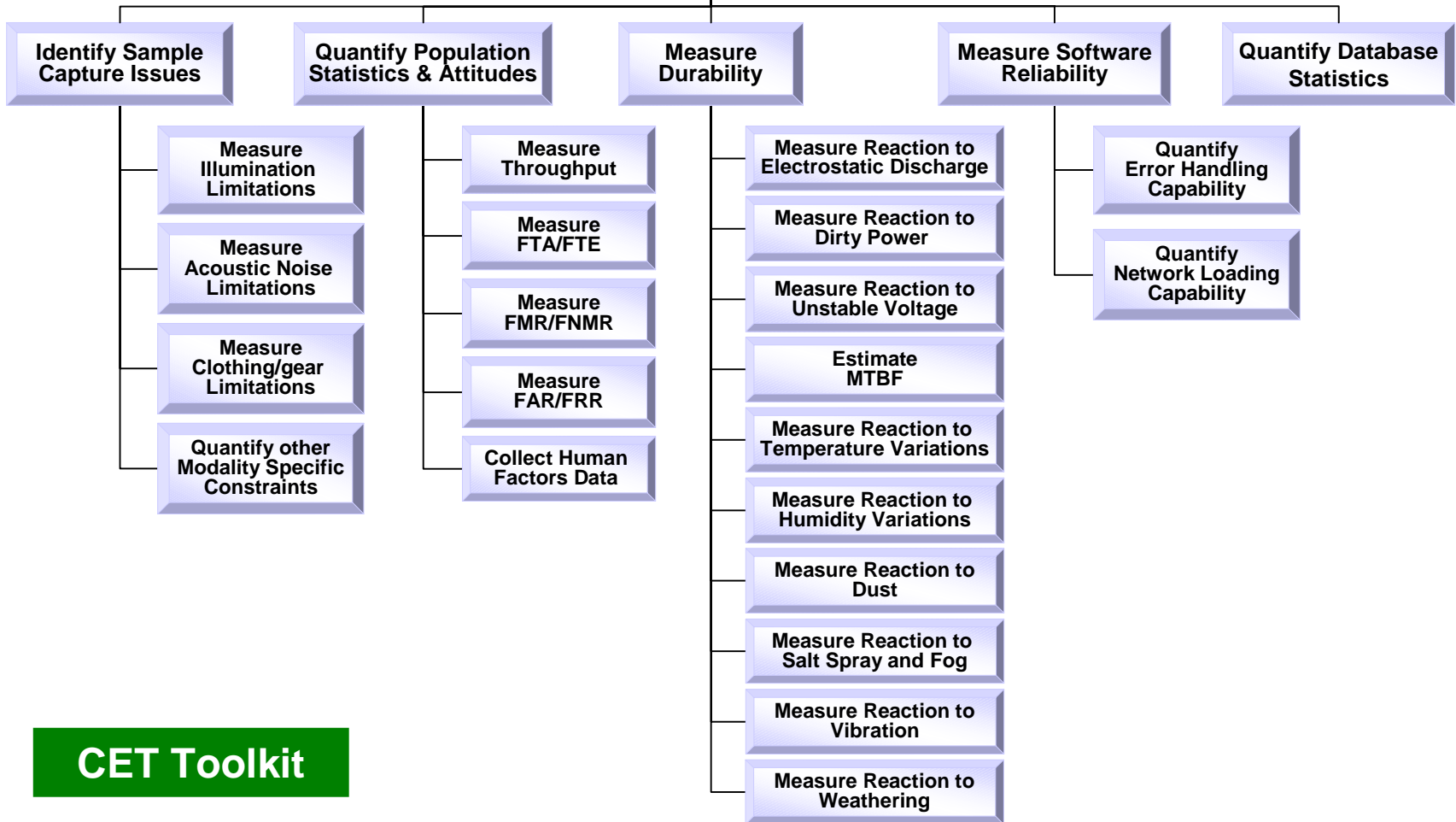


Controlled Environment Test Methodology



Controlled Environment Test Methodology

Performance Testing



CET Toolkit

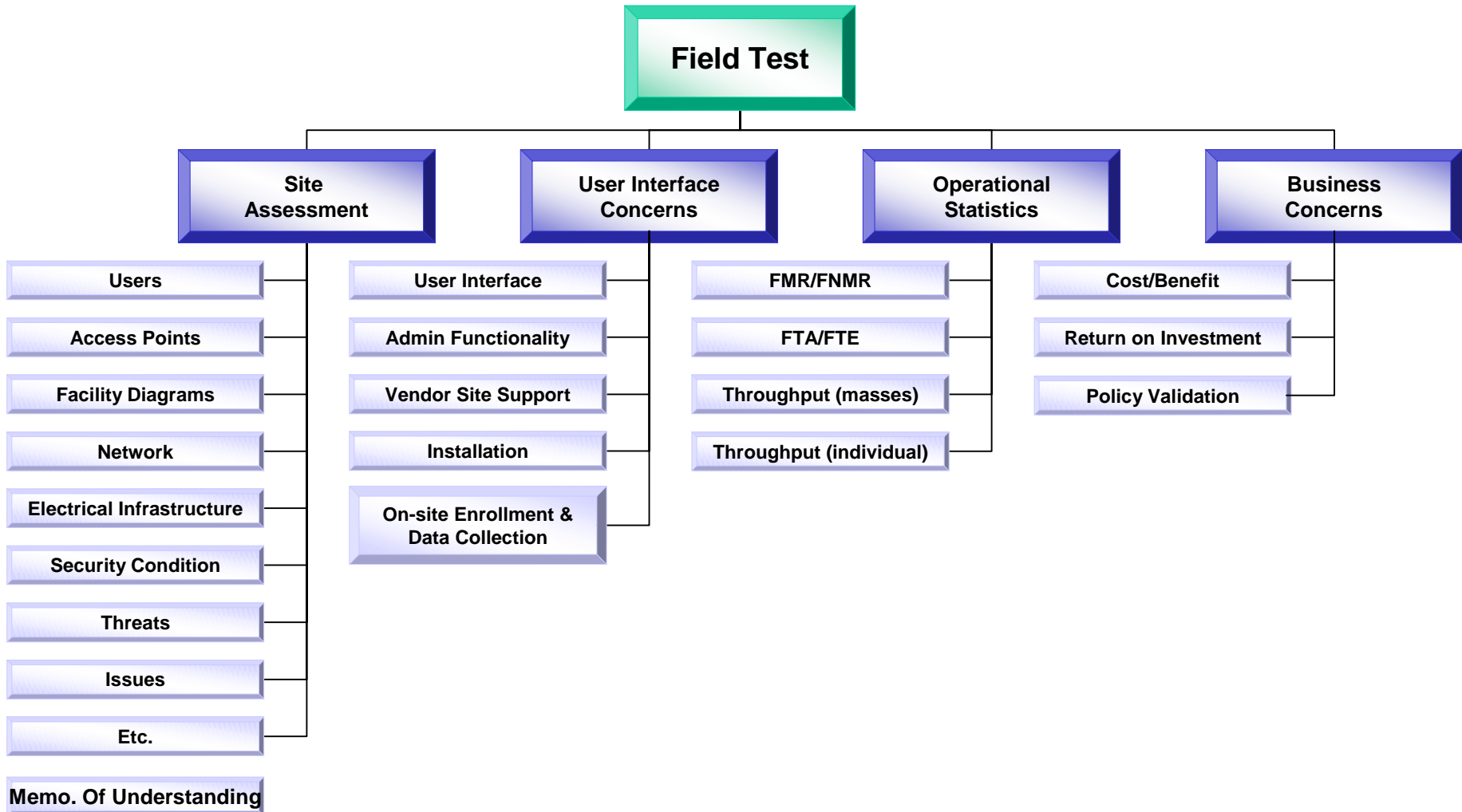


Quick Looks

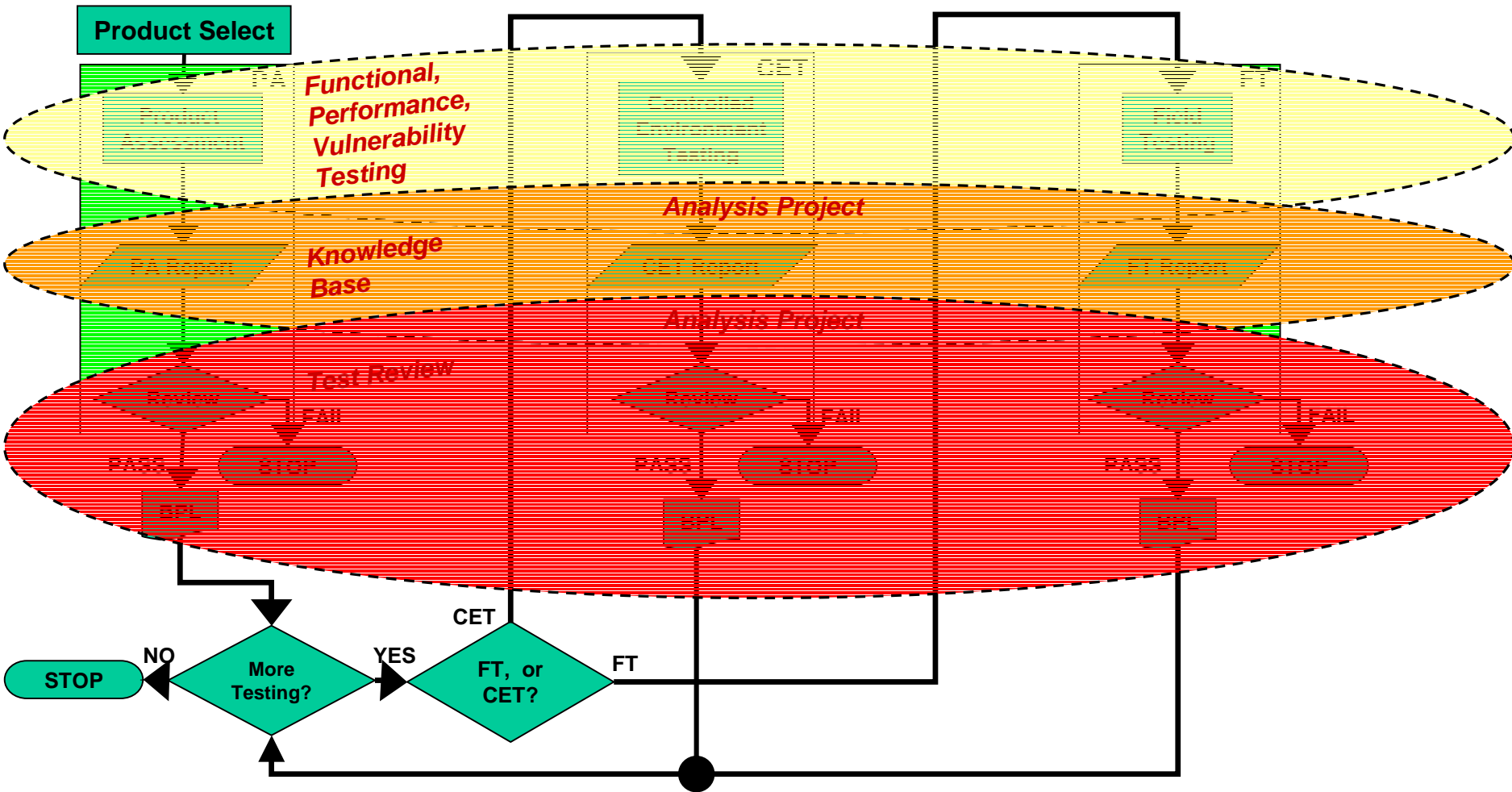
- **99th Reserve Support Command (RSC)**
- **Surgeon General Army (DASG)**
- **West Virginia Army National Guard (WVARNG) #2**
- **West Virginia Army National Guard (WVARNG) (LAN)**
- **38th Ordnance Group**
- **Defense Logistics Agency (DLA) Web Portal**
- **West Virginia University Crimehouse**
- **US Army Central Command (ARCENT)**
- **Communication Security Logistics Agency (CSLA)**



Field Test Methodology



Biometric Test & Evaluation Life-Cycle

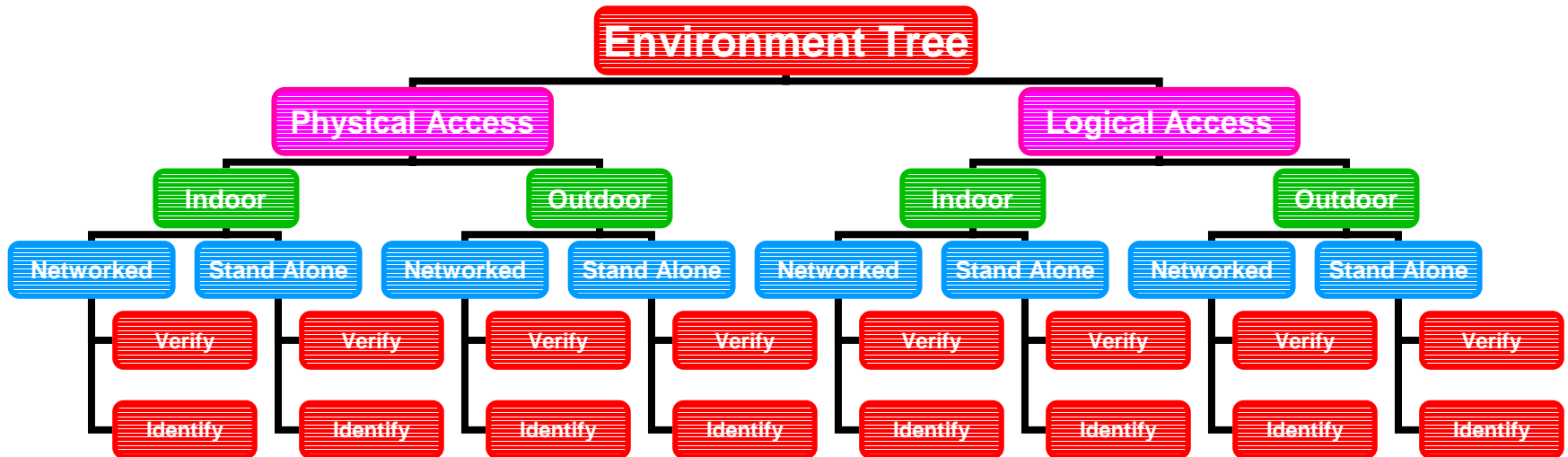


Biometrics Product List

- **Objective**
 - List of biometric products tested at the BFC
- **Initial Requirements**
 - Must provide system integrators information about how biometrics products were evaluated
 - What phases of testing have been completed by BFC
 - **What environments were biometrics products tested in**
 - What level of security will biometrics products provide in specified environment
 - What standards do biometrics products comply with
- **Continuous Review of BPL**
 - Testing Results (performance and security rankings)
 - Biometric product availability



Testing Environment Scenarios



DRAFT Biometrics Product List



| Biometric System | Market Availability | Testing Environment Scenario | Ratings | | | | Standards Compliance | | | | |
|--|---|--|--|--|--|-------------|----------------------|---------|----------|--------------------|--------|
| | | | Product Assessment | Controlled Environment Test | Field Test | Security | BioAPI | CBEFF | Liveness | Encryption | NIAP |
| Example 1: Software A, Version U with Hardware B, Version V | Software: Limited Hardware: Abundant | Physical Access, Indoor, Network, Identify | AVERAGE Link to PA Report (08/15/01) | GOOD Link to CET Report (11/03/01) | | GOOD | Claimed | Claimed | No | Claimed & Verified | EAL 1+ |
| Example 2: Software C, Version W with Hardware D, Version X | Software: Limited Hardware: Abundant | Physical Access, Outdoor, Network, Identify | GOOD Link to PA Report (08/15/01) | GOOD Link to CET Report (11/03/01) | POOR Link to FT Report (02/26/02) | GOOD | Claimed & Verified | No | Claimed | Claimed | No |
| Example 3: Software E, Version Y, with Hardware F, Version Z | Software: Abundant Hardware: Not Available | Logical Access, Outdppr, Stand Alone, Verify | GOOD Link to PA Report (03/26/02) | | AVERAGE Link to FT Report (06/14/02) | POOR | No | Claimed | No | No | No |

D O D U S E O N L Y



Biometric Test & Evaluation



Fingerprint

1. DMI Monban
2. Sony FIU-710 "Puppy"
3. Phoenix Keyboard
4. Biocentric Solution Combi Smart Desk Mount
5. NextGen ID TAC-T
6. Datawise MT Digit Fingerprint Reader
7. BioTouch PCMCIA Card
8. Biolink U-Match USB Mouse
9. Keytronic Keyboard
10. Precise 100SC
11. Umatch Biolink Mouse (serial)
12. Identix FingerScan V20
13. Digital Persona U.are.U Pro
14. Guardware AccessGuard & DT Enrollment Unit
15. Precise 100 SC USB Fingerprint Reader
16. SecuGen ID Mouse

Software

1. I/O Securesuite Software
2. Passage 3.0 Software
3. Biologon Security Suite
4. SafLink 2000 Enterprise v 1.71
5. ISL Sentrinet
6. Identix FingerLAN IV
7. Bionetrix Enterprise Suite 4.0
8. Bioconx Authentication
9. Activcard Gold 2.1 Software
10. BioLogon 2.03
11. Biolink Authentication System
12. Precise Biometrics

Voice

BioID Face, Voice & Lip Movement

Signature

LCI Smartpen

Facial Recognition

1. LAU Technology Portal
2. LAU Technology Hunter
3. AcSys CheckPoint Facial Recognition System, Ver 1.5
4. AcSys Facial Recognition System Demo Version
5. NextGen ID TAC-T
6. Visionics FaceIT Screensaver
7. BioID Face, Voice & Lip Movement

Hand Geometry

1. Hand Key II
2. VeryFast 2Finger Geometry

Iris

Iris Access2200



Contact Information

**Biometrics Fusion Center
1400 Aviation Way
Bridgeport, WV
(304) 842-0730 Phone**

vendorinfo@dodbfc.army.mil

