



Proposed Technical Approach 2005 Revisions to ITL 1-2000

Report from the

DoD Biometric Standards Working Group

April 26, 2005 www.biometrics.dod.mil





DoD Biometric Standards Working Group (SWG) Recommendations for 2005 Revisions of ITL 1-2000

Goals

- Meet DoD Functional Requirements
- Harmonize Biometric Standards
 - ANSI / INCITS M1 Data Interchange Formats (DIF)
 - Common Biometric Exchange Formats Framework (CBEFF)
- Support Multiple Biometric Types
- No Modifications to Fielded Equipment





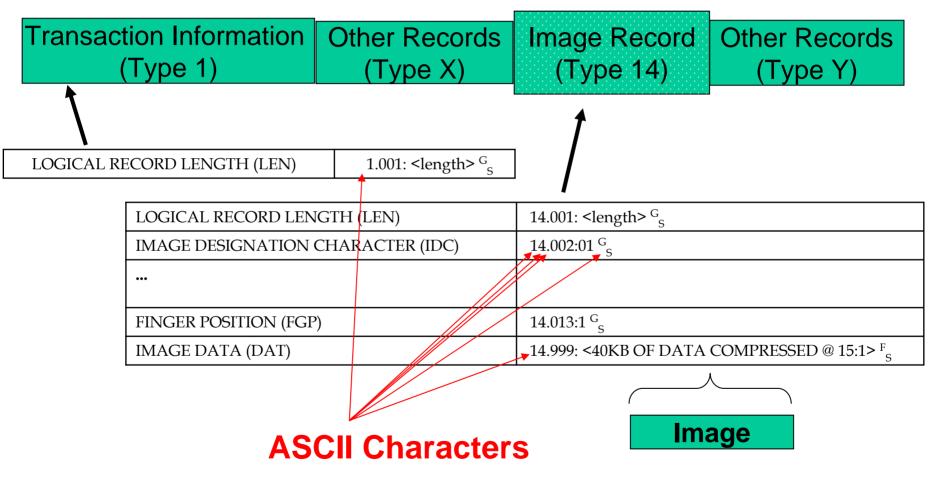
- "More" information in M1 DIF than in ITL Record (otherwise we could just translate)
- CBEFF formats carry any type of biometrics

Working Group Recommendation

 Add New ITL Type that carries CBEFF Biometric Information Record (BIR) in ITL File

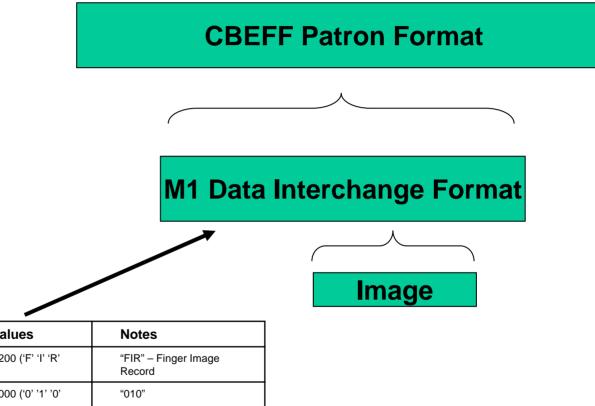












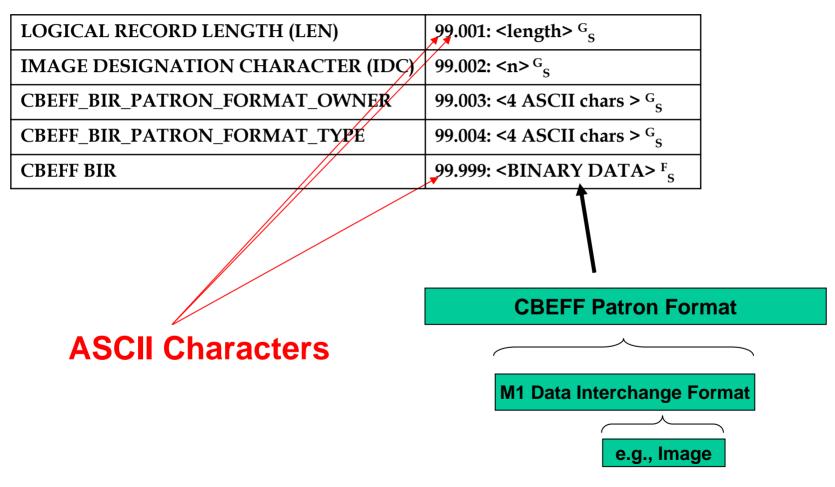
INCITS 381-2004

Field	Size	Valid values	Notes
Format identifier	4 bytes	0x46495200 ('F' 'I' 'R' 0x0)	"FIR" – Finger Image Record
Version number	4 bytes	0x30313000 ('0' '1' '0' 0x0)	"010"
Record length	6 Bytes	36+ Number Views * (14 bytes + Data length)	Includes all finger views





Type-99



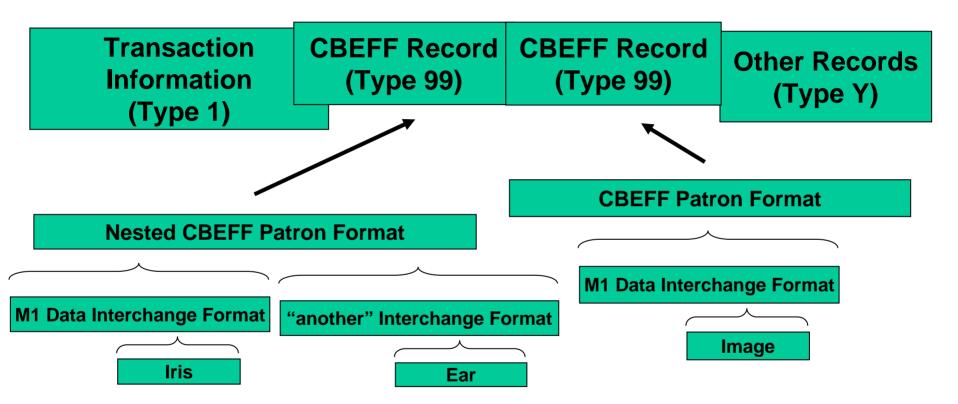




- Supports all CBEFF-registered Patron Formats
- Supports all registered Format Types in one ITL Type (M1 DIF and others)
- Data may have been captured in an M1 DIF carried in a CBEFF Patron Format – does not need to be reformatted











- Support multiple biometric types by adding a new Record Type for exchanging biometric data through Biometric Identification Records (BIR) that conform to the Common Biometric Exchange File Format (CBEFF) NISTIR 6529-A.
- 2. Support backward compatibility by not allowing changes to the existing record types.
- Add text to require that, for an implementation to conform to the specification, any unrecognized or unused data received in a file must be ignored and must not cause a transaction to be rejected. This requirement should apply to both unrecognized/unused fields as well as unrecognized/unused types.
- 4. Include an informative annex to provide example(s) of the implementation of the DoD Biometric SWG proposed CBEFF Data Record.





Dale Hapeman Support Contractor Department of Defense Biometrics Fusion Center 304-326-3029 dale.hapeman@dodbfc.army.mil

www.biometrics.dod.mil