

## **EBTS 10.0 – NGI (Increment 4) Full Operational Capability**

The FBI Electronic Biometric Transmission Specification (EBTS) 10.0 supports the full range of NGI capabilities within Increment 4, in which the NGI system establishes full operational capability (FOC). EBTS 10.0 builds on the rapid search capabilities delivered with NGI Increment 2 and the enhanced latent search functionality delivered with NGI Increment 3. The following is a list of the most significant capabilities and enhancements provided by NGI FOC and supported with EBTS 10.0.

### **Facial Recognition and Photo Search**

1. Investigative facial recognition image searching
  - a. Searching via the Facial Recognition Search (FRS) TOT.
  - b. Notification of a potential match from a new face image enrollment to an image in the Unsolved Photo File via the Unsolved Biometric Match (UBM) TOT.
2. Investigative text-based face image or scar, mark and tattoo image searching via the Text-Based Photo/SMT Search (TXTSRCH) TOT

### **Rap Back**

3. Rap Back subscriptions and subsequent notification
  - a. Rap Back Subscription for an existing identity via the Rap Back Subsequent Subscription – Criminal (RBSCRM) or Rap Back Subsequent Subscription – Civil (RBSCVL) TOTs.
  - b. Subscription created with an initial search via various tenprint identification search transactions.
  - c. Notification of activity on a Rap Back subscribed identity via the Rap Back Activity Notification (RBN) TOT.
  - d. Notification of a near-term subscription expiration via the Rap Back Renewal Notification (RBRN) TOT.
4. Rap Back Information Retrieval requests
  - a. The Rap Back Subscription List Request (RBRPT) TOT is used when a Rap Back Subscription owner wants to retrieve a list of all Identities for whom they have NGI Rap Back Subscriptions, and their statuses
  - b. The Rap Back Identity History Summary Request (RBIHS) TOT provides a Rap Back Subscription Owner the ability to request an Identity History Summary for an individual enrolled in the Rap Back Service
5. Rap Back Maintenance Transactions
  - a. The Rap Back Maintenance Request (RBMNT) TOT provides the opportunity for a Rap Back Subscription Owner to modify, renew, or delete their Rap Back Subscription record information.

## **Electronic Disposition**

6. Disposition reporting enhancements – the addition of the new Electronic Fingerprint Disposition Submission (FDSP) allows an Authorized Contributor to submit fingerprints with disposition information. The disposition information within the submission will be added to an existing record, if a positive identification is made, or will create a new record if no identification is made. The Disposition File Maintenance Submission (DSPE) may be used to submit disposition information on an existing identity (2.014 FBI) without fingerprints.
7. Electronic disposition submissions using multiple occurrences of the expanded Court Segment Literal (2.051 CSL) field
  - a. With fingerprints via the Electronic Fingerprint Disposition (FDSP) TOT.
  - b. Without fingerprints via the Disposition File Maintenance (DSPE) TOT.

## **Additional Repositories**

8. External system interoperability (contact CJIS prior to use)
  - c. Establish a link between an internal and an external identity as a result of an identification search initiated by an external system (e.g., DHS IDENT, DoD ABIS). The presence of the External Subject Identifier (2.2037 ESI) field within the identification search transaction triggers the link creation.
  - d. Maintain existing link information via the External System Link Maintenance (XMNT) TOT.
  - e. Receive notification from the external system of activity on a linked identity via the External System Link Activity (XACT) TOT.
9. Special Repositories – Foreign Subjects of Interest & Special Population Cognizant (contact CJIS prior to use)
  - f. Search and enroll identities into the Foreign Subjects of Interest (FSI) RISC subdivision via the Foreign Information Direct Route (FIDR) TOT.
  - g. Enroll identities into Special Population Cognizant (SPC) repositories and update or remove identities from any special repository (SPC or FSI) via the Special Repository Maintenance Request (SPMNT) TOT.
  - h. Receive notification of a potential match to a special repository identity from a new biometric image enrollment via the Special Population Cognizant Notification (SPN) TOT.

## **Miscellaneous New and Enhanced Functionality**

10. Enrollment and retrieval of biometric images other than friction ridge
  - i. Enrollment via the Biometric Image Submission (FIS) TOT, where additional biometric imagery may be added to an existing event by supplying the event identifier (2.2035 EVI) returned in the Submission Results – Electronic (SRE) response from the initial search and enrollment.

- j. Retrieval of biometric images via the Biometric Image/Feature Retrieval (IRQ) TOT.
- 11. Allow for the deletion of an entire civil event via the Civil Event Deletion (CDEL) TOT by supplying the event identifier (2.2035 EVI) returned in the SRE response from the initial civil search and enrollment
- 12. The Supervised Release Notification Request (SRNR) and Response (SRNRR) TOTs allow an Authorized Contributor to submit supervisory maintenance requests to the FBI/CJIS electronically to update the Identity History record for a subject by associating supervisory information to an arrest cycle.
- 13. Augmented the Biometric Decision (BDEC), Biometric Delete (BDEL) and Biometric Audit Trail (BATQ) TOTs for biometrics other than friction ridge (i.e., face and SMT images)
- 14. SRE modified - the existing SRE response is modified to include the Biometric Image Enrollment (2.2061 BIE) and Biometric Image Available (2.2031 BIA) fields to inform the user of which biometrics from their submission were successfully enrolled and what biometric types are available for the matched identity respectively. SRE is also modified to reflect Rap Back subscription information, when enrollment into Rap Back is requested within the tenprint fingerprint identification search request.

### **Other Notable Changes**

- 15. Appendix L Tables – Table L-1 is now the sole table listing the effective fields numbers/field identifiers in Appendix L. Table L-2/L-3/L-4 replace the previous Tables L-3/L-4/L-5.
- 16. Appendix M – New error messages have been added to accommodate the new functionality in Increment 4. Error messages no longer used have been removed.
- 17. Appendix O – New country codes added to Table O-1
- 18. Appendix P –Palm print submissions to append palm print records to existing subjects' criminal files must include the distal segments of the fingers in the palm prints, meaning they must include the upper palms.