**Rapback Service Interaction Flows**

***Subscription Flow***

1. Identification Reporting Service (HIJIS Broker)
   1. Receives and forwards an identification request from LOTC to the Identification\_Recording\_Service (HCJDC)
   2. Receives and forwards identification results to the Identification\_Recording\_Service
   3. Sends an arrest query request to the Arrest\_Query\_Request\_Service
2. Identification Recording Service (HCJDC)
   1. Receives and records an identification request from the Identification\_Reporting\_Service for persistence in the Rapback Data Store.
   2. Receives and records identification results from the Identification\_Reporting\_Service for persistence in the Rapback Data Store.
3. Arrest Query Request Service (HCJDC)
   1. Receives an arrest query request from the Identification\_Reporting\_Service and processes the request against Greenbox.
   2. Sends arrest query results to the Arrest\_Query\_Results\_Service
4. Arrest Query Results Service (HIJIS Broker)
   1. Receives arrest query results from the Arrest\_Query\_Request\_Service.
   2. Processes the arrest query results and sends an arrest report to the Arrest\_Reporting\_Service
5. Rapback Organization Query Request Service (HIJIS Broker, HCJDC)

*HIJIS Broker*

* 1. Receives and forwards a request (for all past rap back organization Identification Results received in response to background checks conducted by the user’s organization) from the HIJIS Portal to HCJDC Rapback\_Organization\_Query\_Request\_Service

*HCJDC*

* 1. Receives a request for all rap back organization Identification Results from the HIJIS Broker. The request is processed against the Rapback Data Store
  2. Sends rapback organization Identification Results to the Rapback\_Organization\_Query\_Results\_Service (HIJIS Broker)

1. Rapback Organization Query Results Service (HIJIS Broker, HIJIS Portal)

*HIJIS Broker*

* 1. Receives and forwards rap back organization Identification Results from the Rapback\_Organization\_Query\_Request\_Service to the Rapback\_Organization\_Query\_Results\_Service (HIJIS Portal)

*HIJIS Portal*

*a.* Receives rap back organization Identification Results from the Rapback\_Organization\_Query\_Results\_Service (HIJIS Broker) for viewing.

1. Subscription Query Request Service (HIJIS Broker)
   1. Receives a request from the HIJIS Portal for the following actions:
      1. Rapback Subscription
      2. Rapback Unsubscribe
      3. Rapback Validation (extend subscription date)
   2. Updates HIJIS Subscription Database
   3. Submits a Rapback Subscribe, Unsubscribe or Validation subscription request to FBI through the EBTS gateway (EBTS Subscription Request Service)
   4. Receives a Rapback Subscribe, Unsubscribe or Validation subscription results from the FBI through the EBTS gateway.
   5. If an error message is returned from the FBI, the error will go into a queue and an email will go to an administrator to investigate (details TBD ).
2. Rapback Query Request Service (HCJDC)

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* 1. Receives a query request from the Subscription\_Query\_Request\_Service for the following information stored in the Rapback Data Store:
     1. Information from the original submission necessary to create the subscription.
     2. Fingerprint data and other information needed to form the subscription request EBTS transaction
     3. Rapback profile - email addresses to be notified and other information TBD

1. Rapback Query Results Service (HIJIS Broker)
   1. Receives the following information from the Rapback\_Query\_Request\_Service
      1. Information from the original submission
      2. Fingerprint Data
      3. Rapback profile

Note: This information is used in setting up a Rapback subscription

1. Subscription Query Results Service (HIJIS Portal)
   1. Receives the following query results from the Subscription\_Query\_Request\_Service:
      1. Subscription acknowledgement
      2. Unsubscribe acknowledgement
      3. Validation acknowledgement
2. Rapsheet Query Request Service (HIJIS Broker, HCJDC)

*HIJIS Broker*

1. Receives and forwards a request for a rapsheet from the Rapsheet\_Query\_Request\_Service (HIJIS Portal) to the Rapsheet\_Query\_Request\_Service (HCJDC).

*HCJDC*

* 1. Receives a request for a rapsheet from the Rapsheet\_Query\_Request\_Service (HIJIS Broker) The request is processed against the Rapback Data Store

1. Rapsheet Query Results Service (HIJIS Broker, HIJIS Portal)

*HIJIS Broker*

* 1. Receives and forwards rapsheet query results from the Rapsheet\_Query\_Request\_Service (HCJDC) to the Rapsheet\_Query\_Results\_Service (HIJIS Portal)

*HIJIS Portal*

1. Receives rapsheet query results from the Rapsheet\_Query\_Results\_Service (HIJIS Broker) for viewing.
2. EBTS Subscription Request Service (HIJIS Broker)
   1. Receives a Rapback subscribe, unsubscribe or validation request from the Subscription\_Query\_Request\_Service and formulates/sends the request (through the EBTS Gateway) to the FBI NGI System for processing.

***Subscription Flow***

1. Arrest Reporting Service (HIJIS Broker)
   1. Receives only non-Hawaii arrest reports from the FBI (EBTS Gateway).
   2. Receives Hawaii arrest reports from the Arrest\_Query\_Results\_Service (Greenbox).
   3. All arrest reports are forward to the Notification\_Service
2. Notification Service (HIJIS Broker)
   1. Receives an arrest report and determines whether there is a subscription associated with the arrest report subject. If there is a match, an email is sent to the subscriber.
   2. Sends the Rapback Notification to the Rapback\_Notification\_Recording\_Service.
3. Rapback Notification Recording Service
   1. Receives a rapback notification from the Notification\_Service.
   2. Records a rapback notification to the Rapback Data Store.