External Application/Integration

Request to locate a patient's information →

← Response of which system the infromation stores at

Record Locator

← Broadcast the messate via HL7

MedTech 001

Register a new profile →

John Smith — NHI = ABC1234

MedTech 002

Update the profile →

Juan Carlos — NHI = BBB0002

Sync the legacy data to Record Locator as per scheduled →

Overnight Batch System

Overnight batch is for legacy systems

Record Locator
- ID
- Data Type
- System ID

Data Type Master
- Type
- Name

System/Facility Master
- ID
- Name
- Source

Example of the data in the relevant tables — **Note: The columns of the tables are not finalised**

Record Locator Mapping Table

ID	Data Type	System ID
ABC1234	MED	001
AAA0001	MED	002
BBB0002	MED	001

System Master Table

ID	Name	Source
001	MedTech 001	Link1
002	System2	Link2
003	System3	Link3

Data Type Table

Date Type	Name
MED	Medical

Assumption(s):
- The Record Locator will not store patient information
- Consent is not part of the MVP/POC
- It will not be a data migration as part of the scope of work, the Record Locator will collect ongoing data over time
- The ID stored in the Record Locator mapping table is NHI numbers
- Record Locator will reside in the central location available for every Tahi instance.
- The timestamp of the records and ability to retrieve information based on the timestamp will not be part of POC

Questions(s):
- Do we need to store the data types? < Refer to https://build.fhir.org/ using LV4 categories
- Overnight batch? - predominantly for legacy information, might run once a day, **WILL NOT BE PART OF MVP. James to define the scope of the MPV**
- How do we handle if Record Locator fails to receive the message from Providers via HL7?- *How will we know if it failed, Standard retry utility in new relics*
- Multiple records of the same NHI numbers can exist in the Record Locator- *NHI Numbers should be unique - need to discuss further as this is a DB Design option*