

# Interoperability Solutions through AI Managed Generic Data

Mapping conversions between data  
standards

# Provider Setup

FHIR Query

File Help

☐ All servers  FHIR Servers   ☒ JSON ☐ XML ☒ DSTU2 ☐ DSTU3

Observation


Tot. Patients:	
Tot. Names:	
Tot. Genders:	
Tot. Smoking:	

Patient ID
First Name
Last Name
Gender

# Provider Setup 2

- Left to Right Panel 1 allows user to configure a number of sources for incoming data.
- Panel 2 Allows the organization of that data, management of the internal structure, and patient data to be appended or deleted.
- Panel 3 Organizes the output for excel, allows data points to be eliminated, de-identified, ordered, and formatted for export.

# Program Goals for Provider

- Allows data to be entered for any source, FHIR, Excel, SNOWMED etc.
- Organizes unique patients from all the data sources in a single data structure showing the categories of data detected.
- Outputs an excel sheet with all the data the provider is investigating, organized by patient, in rows for further analysis.

# Program Goals for Consumer Setup

- Single data structure representing their personal medical information.
- Allows manual entry and handles importing data from a variety of standards.
- Supports UMA secure sending of data in a variety of data standards.
- Stores the data in a encrypted file on the users device.

# Program Goals

- Allow health care data to be freely translated between different formats, data standards, and health care systems.
- Handle most of the mapping through AI, expose the process to humans for monitoring and error correction.
- Build modules with guaranteed mapping between common data standards.