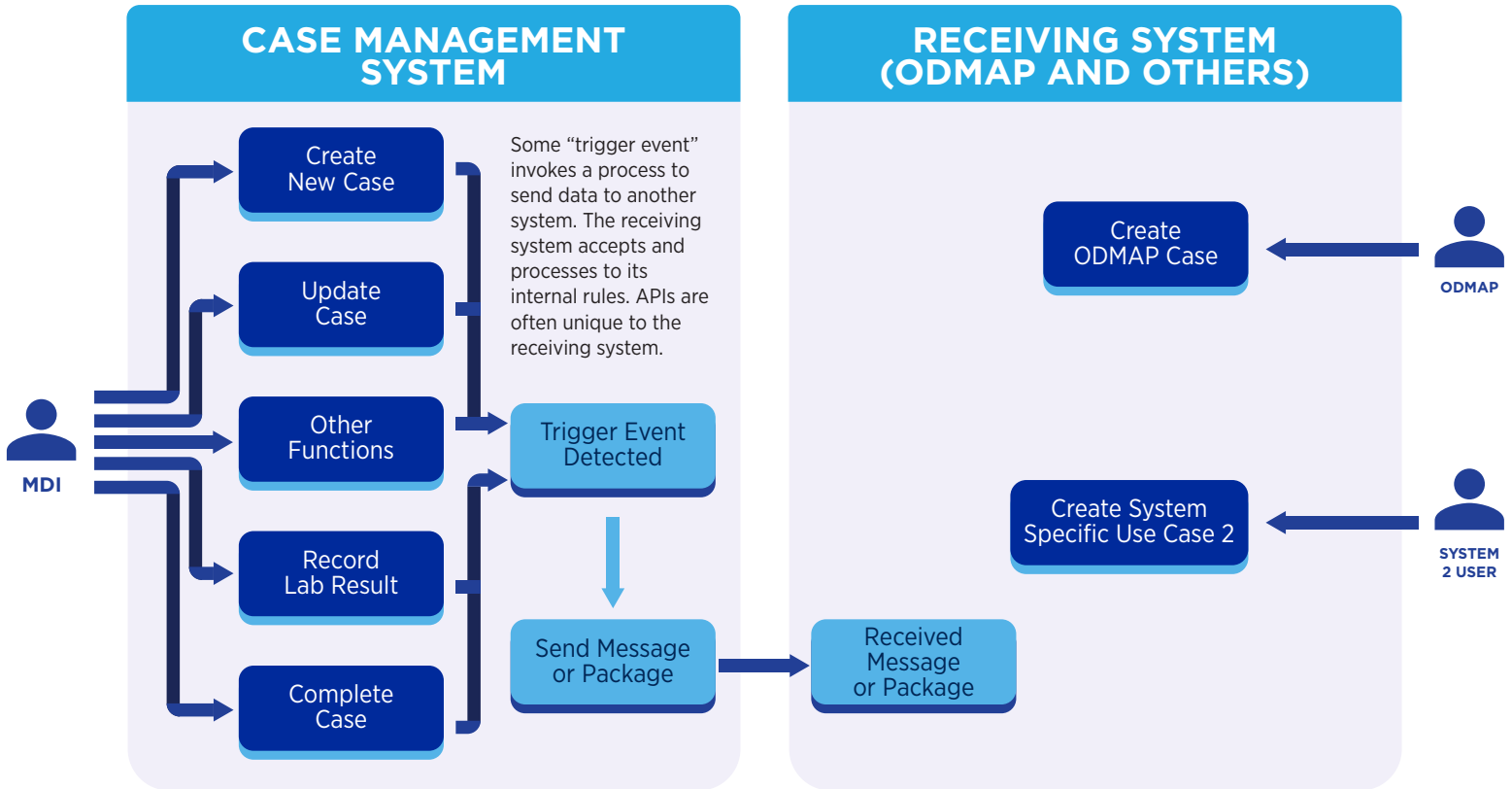# CMS PUSH TO ODMAP AND OTHER

When the data in the Medicolegal Death Investigation (MDI) Case Management System (CMS) indicates the death investigation meets the inclusion criteria for the Overdose Detection Mapping Application Program (ODMAP) (i.e., a trigger event), the CMS sends (pushes) the data to ODMAP through an Application Programming Interface (API).
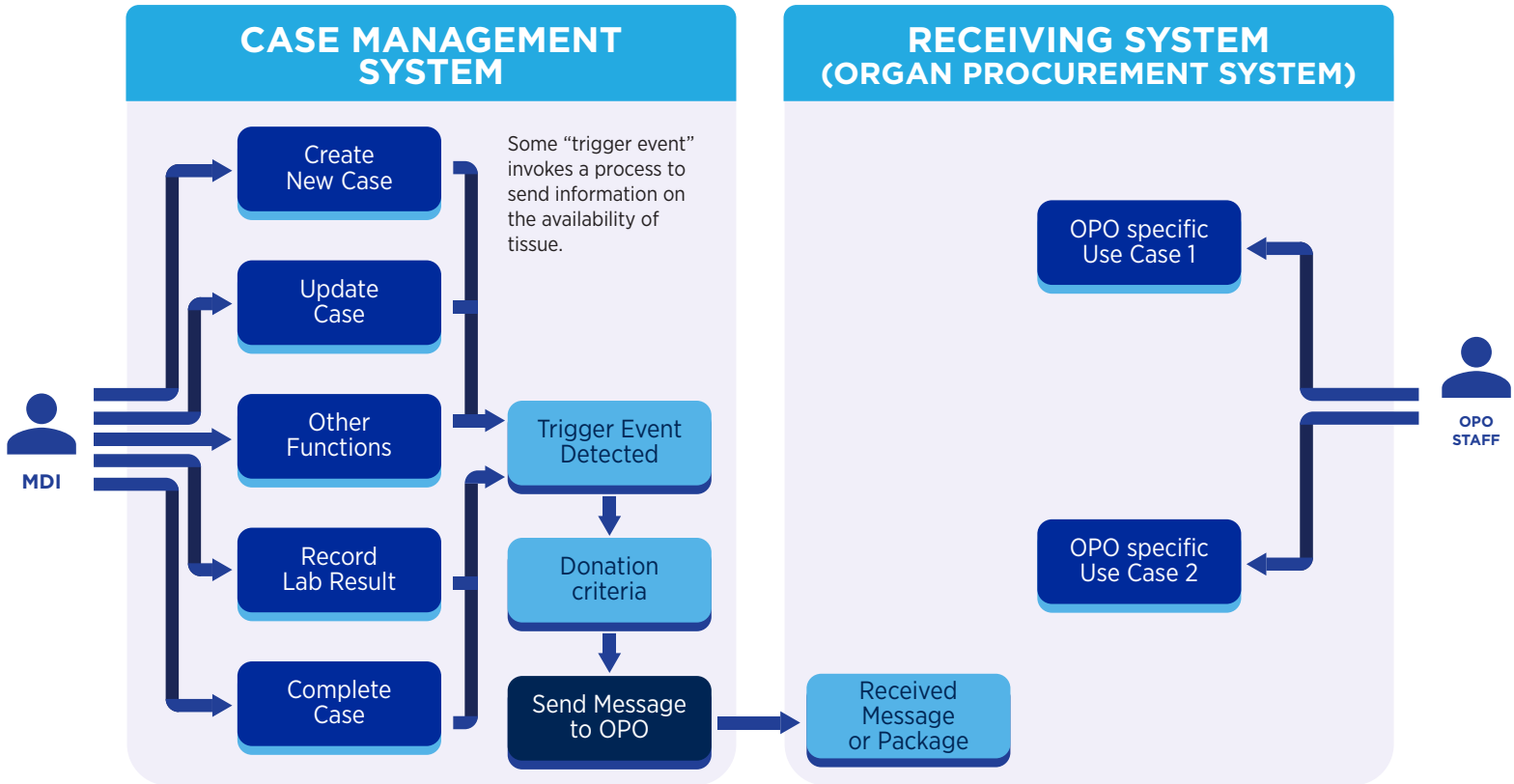
CASE MANAGEMENT SYSTEM

Create New Case

Update Case

Other Functions

Record Lab Result

Complete Case

Some "trigger event" invokes a process to send data to another system. The receiving system accepts and processes to its internal rules. APIs are often unique to the receiving system.

Trigger Event Detected

Send Message or Package

MDI

RECEIVING SYSTEM (ODMAP AND OTHERS)

Create ODMAP Case

ODMAP

Create System Specific Use Case 2

SYSTEM 2 USER

Received Message or Package

KEY TERMS AND DEFINITIONS

SYSTEM FUNCTIONS

System Functions – Example User Interactions, not exhaustive.

APPLICATION PROGRAM INTERFACE (API)

Application Program Interface describes the functionality between systems. The API specification includes the data elements, security considerations, transport, etc. When a system receives/consumes updates additional system specific behavior may be initiated such as placing work in a work queue to notify someone of new activity.

SYSTEM NAME

System Boundary – A rectangle that contains the various system functions, including the parts of the API that each system is responsible for.

MDI represents the Medical Examiner, Coroner or other individuals in their office delegated to perform a particular use case. Some may only have access to limited functions.

ODMAP represents any individual with access to the platform at Washington/Baltimore High Intensity Drug Trafficking Agency (HIDTA).

MDI CONNECT

CMS NOTIFIES ORGAN PROCUREMENT ORGANIZATION OF AVAILABLE TISSUE

When the data in the Medicolegal Death Investigation (MDI) Case Management System (CMS) indicates a decedent has tissue that meets the criteria for donation (i.e., the trigger), the CMS sends a message to the Organ Procurement Organization's (OPO) system. The triggering rules are locally defined.

CASE MANAGEMENT SYSTEM

- Create New Case
- Update Case
- Other Functions
- Record Lab Result
- Complete Case

Some "trigger event" invokes a process to send information on the availability of tissue.

- Trigger Event Detected
- Donation criteria
- Send Message to OPO

MDI

RECEIVING SYSTEM (ORGAN PROCUREMENT SYSTEM)

- OPO specific Use Case 1
- OPO specific Use Case 2
- Received Message or Package

OPO STAFF

KEY TERMS AND DEFINITIONS

SYSTEM FUNCTIONS

System Functions – Example User Interactions, not exhaustive.

APPLICATION PROGRAM INTERFACE (API)

Application Program Interface describes the functionality between systems. The API specification includes the data elements, security considerations, transport, etc. When a system receives/consumes updates additional system specific behavior may be initiated such as placing work in a work queue to notify someone of new activity.

SYSTEM NAME

System Boundary – A rectangle that contains the various system functions, including the parts of the API that each system is responsible for.

MDI represents the Medical Examiner, Coroner or other individuals in their office delegated to perform a particular use case. Some may only have access to limited functions.

OPO Staff represents any individual with access to the OPO's system.