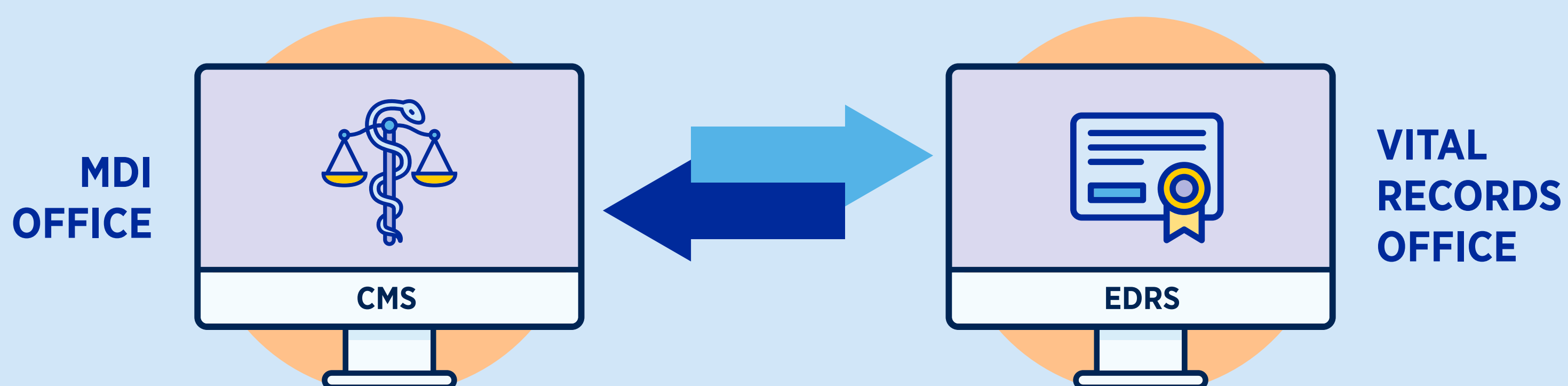


MDI CONNECT PROJECT SPOTLIGHT: MISSISSIPPI MEDICAL EXAMINER'S OFFICE

The Mississippi State Medical Examiner's Office was re-established in 2011 by the Mississippi Legislature. The medical examiner's office serves the entire population of Mississippi, consisting of 2.96 million people. The medical examiner's office is responsible for determining the cause and manner of death for all reportable deaths requiring investigation. Mississippi has elected coroners in all 82 counties in the state. Each county coroner's office enters case information into the electronic case management system (MDILog) used by the State of Mississippi Medical Examiner's Office.

The MDI office, using their CMS, is working to query and update the Vital Records Office EDRS



Dataflow Project Description

MDI Case Management System (CMS) with Electronic Death Registration System (EDRS) Mississippi Medical Examiner's Office is building and documenting an HL7 FHIR® interface in the existing case management system (MDILog) and the state EDRS (Axiell). The death certificates will populate into the CMS to provide an efficient and simple method for county coroners to certify deaths with the Mississippi State Department of Health.

MDI Connect Office CMS Vendor Data Sharing Partner Data Sharing Vendor

Mississippi Medical Examiner's Office
MDILog
Minnesota Department of Health, Office of Vital Record (OVR)
Axiell

Benefits

Ability for county coroners to certify deaths electronically
State data is now centralized and available for monitoring public health needs, including for coordinated overdose response

Challenges

State approval required for technology contracting processes

Acronyms: • **MDI** – Medicolegal Death Investigation • **CMS** – Case Management System
• **EDRS** – Electronic Death Registration System • **HL7** – Health Level 7 • **FHIR** – Fast Healthcare Interoperability Resources

About MDI Connect: MDI Connect is a joint initiative of the Centers for Disease Control and Prevention's (CDC) Collaborating Office for Medical Examiners and Coroners (COMEC) and the CDC Foundation. Through MDI Connect, medical examiner and coroner offices work together to enhance data sharing between their offices and public health, toxicology or other agencies. MDI Connect is a collaborative learning environment where MDI offices, data sharing partners, vendors and Fast Healthcare Interoperability (FHIR®) subject matter experts can work together to modernize MDI data practices and work towards interoperability. The goal of this collaborative is to create reusable tools and approaches that will reduce data entry efforts, reduce efforts exchanging data with others, and increase access to information for office functioning and research. **For more information visit, MDIconnecthub.org**