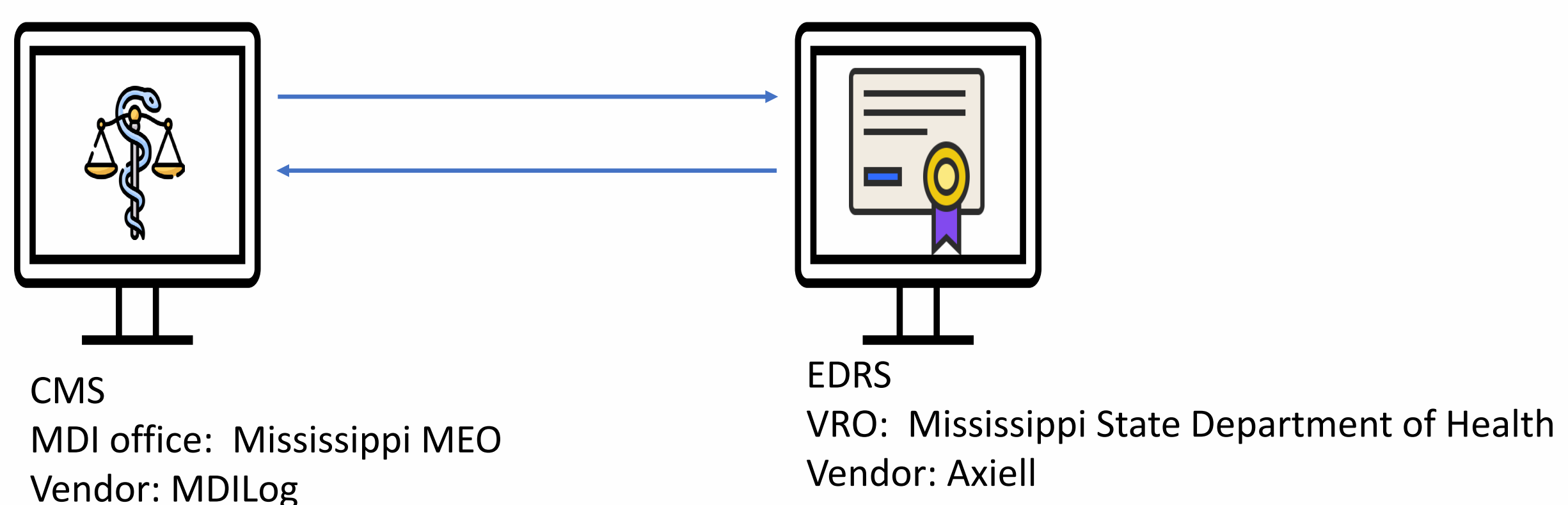


MDI Connect Awardee Spotlight: Mississippi Medical Examiner's Office

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 State of Mississippi Medical Examiner's Office participates in the Medicolegal Death Investigation Connect (MDI Connect) which provides a supportive environment for selected MDI offices to innovate using standards-based approaches to improving data quality and timeliness that are scalable and reusable across multiple locations with different data entities.

The MDI office wants to automatically update the EDRS with information about cause and manner of death from their CMS.



Dataflow:	MDI CMS to EDRS
Project Description:	Mississippi Medical Examiner's Office will build and document a HL7 FHIR interface in the existing case management system (MDILog) and MS EDRS. The death certificates will also be included in MDILog to create an efficient and simple method for county coroners to certify deaths with the State Department of Health. It will also improve understanding of causes of death and monitoring of evolving health challenges, including the overdose epidemic.
CMS Vendor:	MDILog
Data Sharing Partner:	Mississippi State Department of Health, Health Statistics and Vital Records (electronic death certificate registry)
Data Sharing Vendor:	Axiell

MDI Connect is a collaborative learning environment where MDI offices, data sharing partners, vendors, and 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. The Centers for Disease Control and Prevention's (CDC's) Collaborating Office for Medical Examiners and Coroners (COMEC) and the CDC Foundation work jointly on this project.

Acronyms

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

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