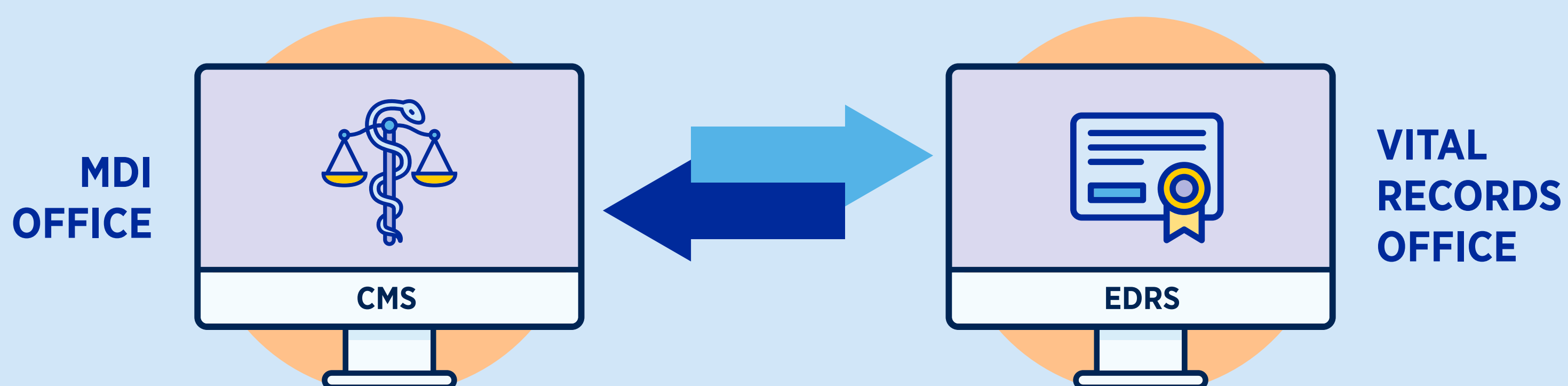# MDI CONNECT PROJECT SPOTLIGHT:
MISSISSIPPI MEDICAL EXAMINER'S OFFICE

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

MDI OFFICE — CMS ⇄ EDRS — VITAL RECORDS OFFICE

Dataflow	MDI Case Management System (CMS) with Electronic Death Registration System (EDRS)
Project Description	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	Mississippi Medical Examiner's Office
CMS Vendor	MDILog
Data Sharing Partner	Minnesota Department of Health, Office of Vital Record (OVR)
Data Sharing Vendor	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

MDI **CONNECT**