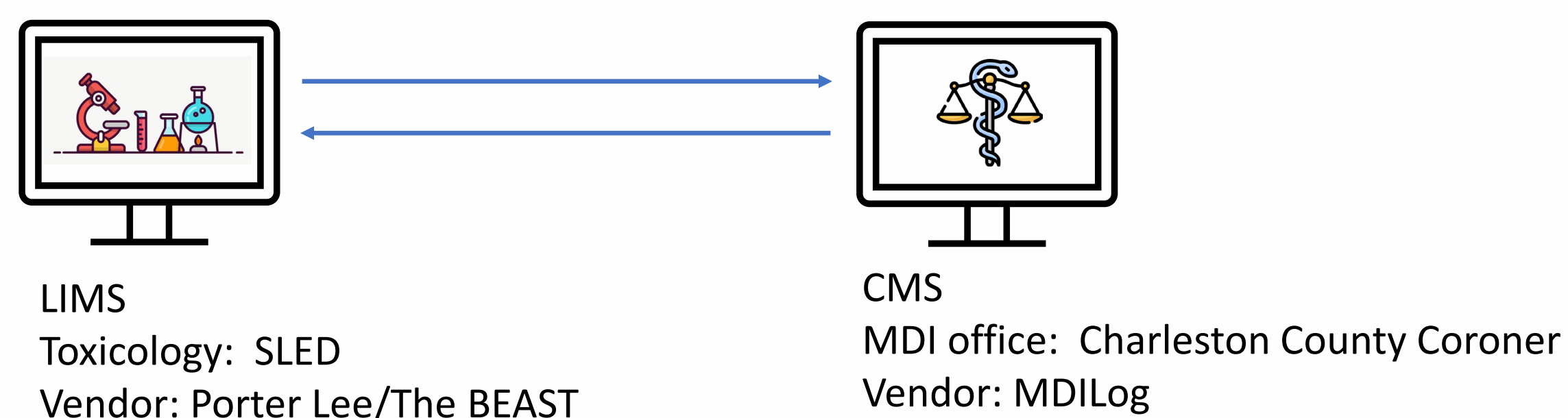


# MDI Connect Awardee Spotlight: Charleston County Coroner's Office

The Charleston County Coroner's Office serves a population of approximately 413,000 residents, roughly 8% of the population of South Carolina. Approximately 2,600 deaths are reported to the coroner's office each year and approximately 22% undergo a full investigation. The Charleston County Coroner'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 populate their CMS with the postmortem toxicology results directly from the toxicology lab's LIMS.



<b>Dataflow:</b>	Toxicology to MDI CMS
<b>Project Description:</b>	Charleston County Coroner's Office is exploring, developing and testing FHIR-based API interoperability between the case management system and the LIMS used by South Carolina Law Enforcement Division (SLED). SLED routinely runs DNA tests and toxicological analyses for coroners across the state and assists coroners in investigating matters surrounding the death of an individual.
<b>CMS Vendor:</b>	MDILog
<b>Data Sharing Partner:</b>	South Carolina Law Enforcement Division (SLED)
<b>Data Sharing Vendor:</b>	Porter Lee/The Crime Fighter BEAST

<b>Benefits:</b>	<ul style="list-style-type: none"> <li>• Readiness for the future</li> <li>• Ability to serve the families and communities with improved and faster processes</li> <li>• Reusable tool that can benefit other MDI offices in the state</li> </ul>
<b>Challenges:</b>	<ul style="list-style-type: none"> <li>• Creating subcontracts with partners</li> <li>• Incorporation of additional requirements from State IT department</li> </ul>

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  
**LIMS** – Laboratory Information Management System  
**HL7** – Health Level 7  
**FHIR** – Fast Healthcare Interoperability Resources

*This Medicolegal Death Investigation FHIR Implementation Collaborative (MDI Connect) is supported by the Centers for Disease Control and Prevention (CDC) of the U.S. Department of Health and Human Services (HHS) as part of a financial assistance award totaling \$1,469,915 with 100 percent funded by CDC/HHS. The contents are those of the author(s) and do not necessarily represent the official views of, nor an endorsement, by CDC/HHS, or the U.S. Government.*