

# MDI FIC Awardee Spotlight:

## Charleston County South Carolina Coroner's Office

### FHIR Interoperability Use Case

#### Medicolegal Death Investigation Fast Healthcare Interoperability Resources (FHIR) Implementation Collaborative (MDI FIC):

The MDI FIC 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. This project is part of the Centers for Disease Control and Prevention's (CDC's) overall data modernization initiative ([COMEC - Modernizing Medical Examiner and Coroner Data Systems \(cdc.gov\)](#)). The funding for MDI offices to participate in the MDI FIC was provided through a cooperative agreement between CDC and CDC Foundation.

#### Charleston County Coroner's Office:

- South Carolina has county-based coroners.
- Autopsies are performed at the Charleston County Coroner's Office by contracted forensic pathologists and at the Medical University of South Carolina (MUSC).
- Charleston County Coroner's Office serves a population of approximately 413,000 residents, which is roughly 8% of the state's population.

#### Contacts:

- Charleston County Coroner's Office (<https://www.charlestoncounty.org/departments/coroner>)
- CDC Collaborating Office for Medical Examiner's and Coroners (COMEC) ([MDI@cdc.gov](mailto:MDI@cdc.gov))
- CDC Foundation ([mdi\\_datatypes@cdcfoundation.org](mailto:mdi_datatypes@cdcfoundation.org))

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#### Description of Use Case:

The goal of the proposed project is to explore, develop and test FHIR-based API enabled data interoperability between the case management software used by the Charleston County Coroner's Office and the information management system used by the 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.

#### Name of Case Management System (CMS)

Vendor: MDI-Log

#### Brief Description of CMS Vendor

**Tasks/Activities:** The Charleston County Coroner's Office will request MDI-Log communicate with SLED and their vendor, who manages their LIMS system, work together to plan, develop, and test FHIR interoperability.

**Name of Data Sharing Partner:** South Carolina Law Enforcement Division (SLED)

**Name of Data Sharing Partner Vendor:** Crime Fighter BEAST

#### Brief Description of Data Sharing Partner

**Tasks/Activities:** The Charleston County Coroner's Office will ask SLED to open communications between their vendor and office to plan FHIR interoperability.