

What is EpiTrax?

EpiTrax is an open source, highly configurable, comprehensive surveillance and outbreak management application designed for public health. It allows local, state, and federal agencies to identify, investigate, and mitigate communicable diseases, environmental hazards, and bioterrorism events.

EpiTrax supports electronic laboratory reporting (ELR) with a robust rules engine that is capable of automatic entry into the system.

EpiTrax offers sophisticated analysis, visualization, and reporting of contact and case information.

EpiTrax increases overall effectiveness in preventing morbidity and mortality through decreased reporting time, automated assignment and routing processes, easy form-creation tools, trend analysis, detection of anomalies, and quality assurance.

Interested in EpiTrax?

Please contact a member of the
EpiTrax Community Consortium.



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EpiTrax

Formerly known as TriSano®

How can EpiTrax help?

There are many features included in our current version of EpiTrax. These features allow us to better record and monitor the status of infectious diseases.

- ◆ Electronic Lab Reporting improves the efficiency and quality of laboratory reported information.
- ◆ The Electronic Messaging Staging Area (EMSA) has the ability to capture Electronic Lab Reporting (ELR) using HL7 or cCDA structure.
- ◆ Investigation Routing allows for disease cases to be easily transferred between departments, aiding in the investigation process.
- ◆ Multiple Disease Management means that all reportable diseases can be tracked and monitored within EpiTrax, including HIV, STDs, Blood Lead, Hepatitis, and Tuberculosis.
- ◆ Alert Settings to notify users when a case has new information added or is transferred to a new jurisdiction.
- ◆ Contact management to trace the progression of a disease through a community and monitor potentially infected individuals for public safety.
- ◆ The ability to bulk upload data from spreadsheets during large outbreaks, and can also be used to collect data in an off-line situation for later uploading to the database.
- ◆ Intuitive workflow assignment and tracking for disease

EpiTrax is for all public health professionals. Administrators, field investigators, lab technicians, clerical staff, and many other professionals have found the system easy to use.

The system is broken down into tabs for the various patient information, such as labs, demographics, clinical treatments, and more. This division of information makes it easy to enter information and communicate the investigation progress.

The detailed AVR application allows statisticians and other analytical professionals to easily obtain data for analysis.

There is ongoing development in EpiTrax that will result in an Analytics module capable of real-time aberration detection, as well as a module that is geared specifically for Healthcare Associated Infections.

