



## Collaborating for the Good of Public Health

### Introducing the TriSano™ Project

TriSano™ is an open source, citizens-centric infectious disease surveillance system, the result of a collaborative effort between county health advocates, state health officials and Collaborative Software Initiative.

TriSano™ provides an open, flexible and enterprise- quality disease surveillance application, focused specifically on preventing outbreaks and managing infectious disease. The application, developed as an efficient, integrated and interoperable disease surveillance system for all public health advocates, also meets the requirements set by the Center for Disease Control's definition of National Electronic Disease Surveillance System, namely the efficient transmission of data to the CDC.

With the goal to protect citizens' health, the TriSano™ Project objectives include:

- Protect the health of people by detecting and preventing disease
- Detect disease outbreaks and bioterrorism attacks more rapidly
- Enhance the timeliness and quality of information
- Facilitate the electronic transfer of information more efficiently
- Allow public health care workers to focus more attention on citizens' health by utilizing an efficient system built with modern technology

TriSano™ collects and transfers appropriate public health, laboratory and clinical data efficiently and securely over the Internet. Public health officials then gather and analyze information quickly and accurately to identify and track emerging infectious diseases and bioterrorism attacks. TriSano™ reaches beyond disease surveillance to address epidemiological, biostatistical and health services issues not specified in traditional disease surveillance applications.

*“Disease surveillance is a critical component of public health, it serves to protect all of the citizens of our state on a daily basis. Through this unique partnership and approach to developing a solid detection management system, we believe we’re serving our citizens’ very best interests.”*

Jon Huntsman  
Utah Governor

#### Project Participants

OSU  
Utah Department of Health  
Utah DTS  
Utah Local Health Departments  
University of Utah  
Collaborative Software Initiative

#### Project Approach

Lean Software Development  
Open Source Software

#### Technology

Java  
JRuby  
PostgreSQL  
Novell SUSE Linux

## TriSano™ Community

TriSano™ is an open source project which is free of licensing fees and available for download by all. As an open source application, TriSano™ demonstrates the power of an iterative, user-centered software design process which improves the usability from traditional infectious disease surveillance applications. The TriSano™ community invites participation by reviewing, contributing user stories, contributing code and providing suggestions on how the application can be improved.



>> Please visit the community at [www.trisano.org](http://www.trisano.org)

## RoadMap

### Future Releases

The roadmap is controlled by the subject matter expert community. It is updated regularly and continues to evolve as more is learned in developing the system. Release durations are 1-3 months.

#### Release 1, delivered March 31, focused on:

- Confidential Morbidity Report (CMR)
- Core Data
- Administration Console

#### Release 2, delivered July 3, focused on:

- Disease Form Builder
- Addition of more Core Data Elements (clinicians, contacts, health facilities, labs, and treatments)
- Additional Administration Features

#### Release 3, to be delivered in October, will focus on:

- Advanced Export
- Reporting
- Case Routing
- CDC Integration
- Nursing Notes
- Additional Administration Features
- Data Import

## Fundamental Attributes

- Configurable
- Geocoding
- HIPAA Security Compliant
- Integrated Help
- NEDSS Compatible
- Person and Case Centric
- PHIN Compliant

## Key Capabilities

- CDC Integration
- Case Management
- Management of Longitudinal Data
- Contact Tracing and Management
- Case Load Management
- Electronic Laboratory Reporting
- Electronic Notification
- Analysis and Visualization
- Outbreak Management and Investigation
- Syndromic Surveillance Integration
- Disconnected (offline) Client

