

Tag & Trace | Triage and Decontamination

The Prometech Tag & Trace system is a smart and cost-effective way to share and structure information about victims in large-scale incidents. It can support the registration and tracking of persons and objects (e.g. positions, triage, decontamination status) by providing a streamlined IT workflow using affordable and robust identification tags.

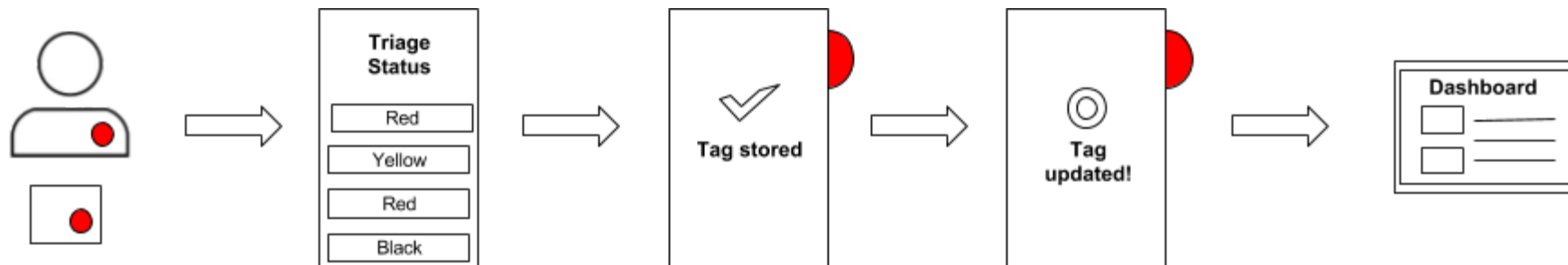
How can Tag & Trace help?

Mass casualty incidents, especially CBRN events, are hugely chaotic. It is usually very difficult to determine how many people have been affected, where they are and what their last-known condition is. The information pertaining casualties is usually not readily available in the field or at the command centre. This makes it difficult to identify bottlenecks during a response or perform an effective after-action analysis. The Tag & Trace system being developed within TOXI-Triage is an easy-to-use tracking system that uses NFC tags and an smartphone app to help track victims throughout the response and care chain, from the start in the field to its multiple possible endings (e.g. hospital or morgue).

What does it do?

- Quickly **register affected persons** and their belongings using robust cheap, robust and disposable NFC tags
- **Track persons** and items and their condition (triage / contamination) throughout the response chain
- **Link persons or objects** found at the scene (e.g. family members, belongings)
- Automatic synchronization with **remote tracking and statistics dashboard** at HQ
- Automated **notifications** can be triggered when e.g. thresholds are exceeded or bottlenecks appear
- The system **does not require a constant internet connection**, but will synchronize as soon as a working connection is detected

How does it work?



1:
A victim / object is provided a tag in the field at the earliest possible opportunity. Tags exist in the form of waterproof and robust straps, bracelets or necklaces.

2:
Contamination and triage status as well as optional extra information (name, images, links) are entered using a smartphone app.

3:
The tag on the person is scanned, which stores the data (including GPS) on the tag. Data is also synchronized with a remote database.

4:
At later stages in the care chain (after decon, on triage update, at arrival in hospital, etc..) the tag and online record can be updated by simply tapping the tag again

5:
Details about individual victims as well as an overview of all tagged persons and objects can be obtained through the TOXI-Triage ICT dashboard