

## Use Cases

### Triage / Decon

In the field, specialists can use the system to tag victims and their items using off-the-shelf mobile devices and a wide range of different tags (e.g. necklaces, wristbands, stickers, etc).

The tag used at the incident area will be registered in a database, geo-coded, and will be visualized in a location-based system. Using the tag, persons can be followed throughout the entire decontamination and triage process from its start (in the hot zone) to its multiple possible endings (e.g., release from the hospital).

Possible end users for this application are first responders such as fire fighters and rescue services, national and local authorities, and hospitals.

### Refugee Handling

Refugees can be provided with robust and waterproof tags at the first convenient moment. Key information about the person can be entered and a picture can be taken of the person and/or their identity document. Tags provided to members of a family members can automatically be linked together in the system, allowing data to be shared over multiple tags.

The tags can also be used to keep track of services that have been provided to the individual refugees or family (medical services, food distribution, housing allocation, etc). This data is stored both on the tag and in a central database system.

Vital statistics, such as the number of refugees registered and their current status can easily be monitored on a secure online dashboard.

## Overview

The Prometech Tag & Trace system can support the registration and tracking of persons and objects by providing a streamlined IT workflow using affordable and robust identification tags. In the case of a mass-casualty incident it can be used to update and track the status (position, health, triage, contamination, etc...) of all those affected. This allows first responders to register injured and possibly contaminated people at the earliest possible moment and track their progress throughout the response chain. Outside of an emergency context the tags can be used to quickly process, identify and follow-up a large numbers of people as well as their relationships and possessions.

### Tracing

Tagging information is available in real time, at the headquarters, providing those responsible with the strategic overview needed to improve decision making. This concerns information about the number of people tagged as well as their last-known whereabouts and condition.

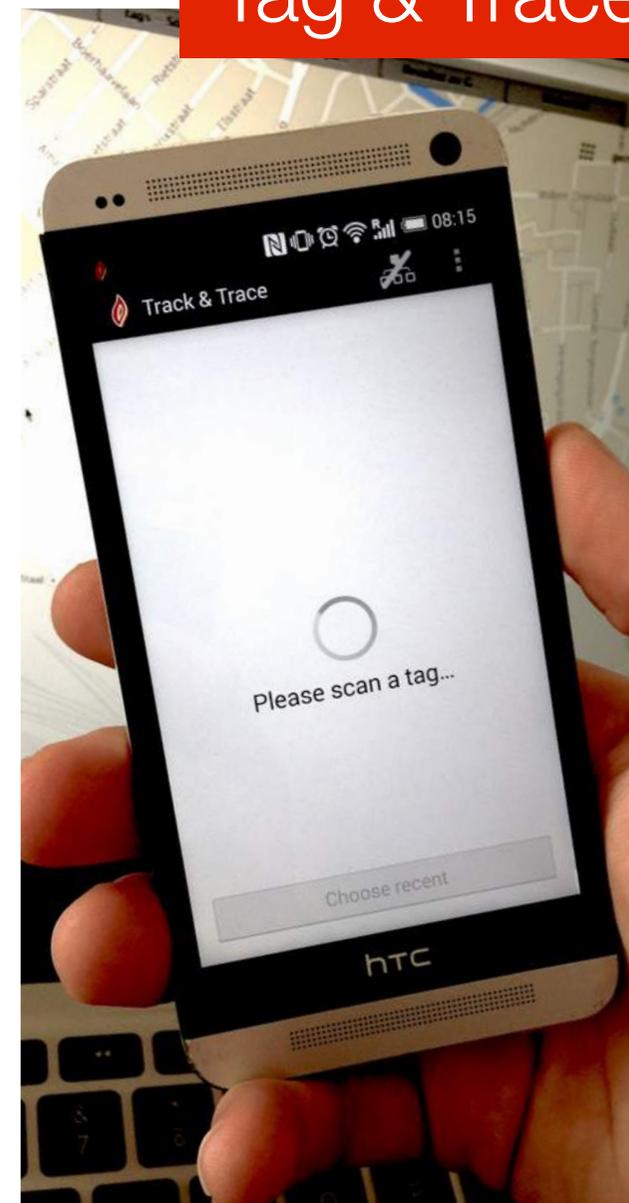
### Reliable communications

Tag & Trace does not require a permanent network uplink, but rather will synchronize whenever a connection is available.



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## Tag & Trace



## The Prometech Tag & Trace system is a smart and cost-effective way to share and structure information about victims in large-scale incidents



### Tagging & Tracking

Track first responders and tagged persons, samples and items. Set decontamination and triage status, make picture of person or item, include audio and description.

### Bring Families Together

Link persons or objects found at the scene, for example family members and possessions, to later be able to reunite family members who got sent to different hospitals.

### Auto Synchronization

Does not need permanent online connection, and provides communication interface for easy integration with existing systems.

### Strategic Overview

Visualization of tracking and tagging data on a map, and statistics such as total number of people tagged and their last known location, triage and decontamination status.



## Smart and Cost-Effective

The Prometech Tag & Trace system uses off-the-shelf equipment for mobile communications (Android NFC-equipped phones or tablets), server (any Windows/Unix/Mac OS X computer) and tags (industry standard passive NFC tags).

Individual tags are cheap, waterproof and can be scanned and updated by simply holding a tagging device in the immediate vicinity. The tagging workflow has been optimized to make it possible to quickly process a high number of persons or items.

## Contact Information

If you require any additional information, please do not hesitate to be in contact with us.

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## About the Project

Parts of Tag & Trace were developed as part of the PRACTICE European Union FP7 Project, and the TOXI-Triage European Union Horizon 2020 Project. It was first demonstrated, to very positive remarks, by the Polish National Fire Corps in their 2014 exercise in Pionki, Poland.

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