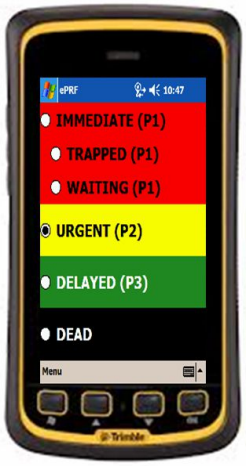
SafeTriage™
Enhanced Pre-Hospital Care

The Major Incident Module is a robust digital platform for managing the victims of a Major / Mass Casualty Incident and transmitting critical data to control centres to aid better decision making and allocation of resources

How it works

1

First Responders are equipped with a portable 'Fast Triage' device which allows the initial Triage Sieve to be performed under 3 seconds - the data being recorded on an NFC enabled colour coded slap strap .which is attached to the casualty.
The device has a GPS tracking and camera system to aid location tracking and recording of the incident as it evolves including the total number of casualties.



The casualties are evacuated from the 'hot zone' to the casualty clearing station for further evaluation.

2

At the casualty clearing station the casualties are reassessed using the Safe Triage Pro device which collects vital casualty data using a simple touch screen interface.

Data captured includes:

- METHANE message;
- Casualty demographics (can be pre-loaded);
- Presenting complaint (incl. medical history) ;
- Diagrams/images of the injuries and the site;
- Wireless vital signs capture;
- Treatment and medication administered;
- Geo tracking location;
- Digital images / video;

3

Data is transmitted 'live' by radio (UHF, GPRS, 3G, 4G or satellite) in a secure encrypted form to a web server for onward transmission to the Major Incident Control Centre. The system can be integrated into existing Command and Control Systems and Hospital Information Systems using HL7 messaging.

4

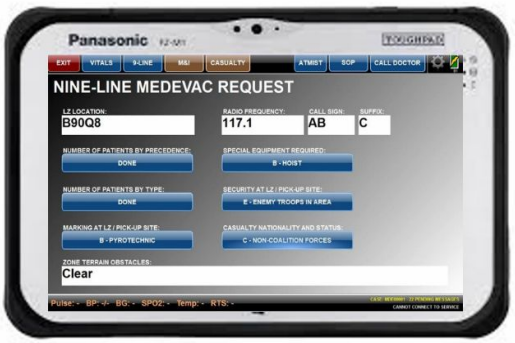
The MCI function allows rapid triage of multiple casualties using the inbuilt Triage Sieve algorithm including a CBRNE capability.

The designated Control Centre receives full casualty details, including location. Clinicians can then advise on interventions whilst receiving real time information.
In an MCI, the triage status and specialty requirements are transmitted to the Control Centre and receiving hospitals. This enables better resource management and avoids 'surge capacity' problems.
The bar code allows identification of the casualty details.

5

The comprehensive database allows a customisable reporting framework to deliver reports as required. It facilitates robust clinical governance, critical incident analysis as well as post incident forensic reconstruction.

'One Device – Multiple Scenarios'

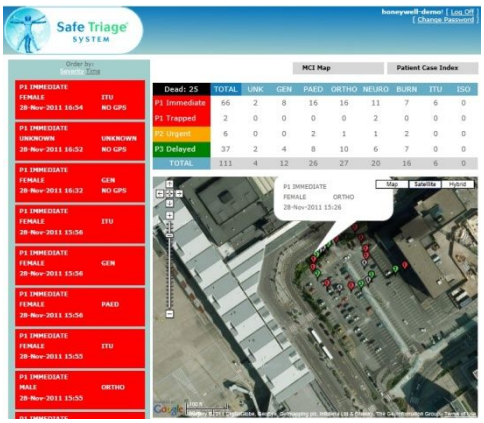


Safe Triage MCI provides a robust electronic means of swiftly triaging Major Incidents of any scale. It allows an evolving incident to be monitored and managed in real time

Essential Features & Benefits

Fast, consistent data collection

- Standardises the patient data collection process at the scene
- Customisable data collection to service needs
- Intuitive patient triage input speeds data collection and allows real time assessment of incident, casualties and injuries



Fast connectivity between device and peripherals

- Pre-paired wireless peripheral devices for automatic biometric data capture
- Independent power supplies avoid single point of failure

Real-time data relay

- Supports secure UHF, GPRS, 3G, 4G and satellite links with Control Centre
- Data sent to the Control Centre allows real time assessment and allocation of resources
- Integration with existing Command and Control
- The system captures and relays Geo tagged still and video images of the incident to support decision making in the event of a 'rolling storm' MCI
- GPS allows tracking of casualties and crew
- Avoids 'left behind' scenarios in a fast evolving MCI including Multiple Synchronous Attacks

Enhanced clinical governance

- Reporting and analysis functionality
- Monitoring of outcomes and interventions
- Data for forensic reconstruction/identification

Scalable

- Can support and monitor casualties simultaneously
- Integrated bar code scanner links to triage card allowing transfer of data and synchronisation
- Scalable to monitor simultaneous MCIs
- Surge protection using real time dashboard
- Video conferencing for real time situational awareness

Safe Triage - Core Components

- **Ruggedized devices with Fast Triage and Safe Triage MCI modules**
- **NFC Colour Coded Smart Tags**
- **Wireless 4 channel ECG**
- **Wireless Blood Pressure Monitor**
- **Wireless Pulse Oximeter**
- **Wireless bar code scanner**
- **Extended life battery pack**
- **Optional wireless radioactive dosimeter**
- **CBRNE capability**

Core Functions

- **Real-time vital sign capture and transmission**
- **Real-time digital imagery**
- **Triage sieve and sort algorithms**
- **Blood Pressure Monitoring**
- **Full diagnostic ECG**
- **Blood Oxygen Saturation Monitoring**
- **Geo tagging and GIS functionality**
- **Video Conferencing**
- **Capacity and Demand dashboard**
- **Real time assessment of multiple incidents**

For more information please contact

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