

MAXXIE™

DYNAMIC PATIENT TRACKING SYSTEM



INMANIBUSMEIS

MAXXIE™

DYNAMIC PATIENT TRACKING SYSTEM



A dynamic system supporting Real-time management of patients and resource in a mass casualty incident.

GENUS TAG is developed by IN MM technology and permits patient tracking services providing an updated health card.

GENUS TAG: INNOVATION IN PATIENT TRACKING

PATIENT TRACKING – each patient is provided with a unique ID electronically written onto the wearable **GENUS TAG** to provide full traceability through the medical chain.

AIDE-MEMOIRE – the system provides an electronic guide to triage operations for first and second levels of treatment according to operational protocol.

GEOLOCATION – the incident scene map is dynamically updated allowing command and control of resources on scene and subsequent transportation.

HEALTH CARD – GENUS TAG – provides a record of all information related to a single patient until the data is overwritten or wiped.



Mass casualty incidents

Application Client / Server

Certified and innovative system utilising the latest **GENUS TAG** for effective patient tracking.



IDENTIFICATION



COMPILATION



HEALTH CARD



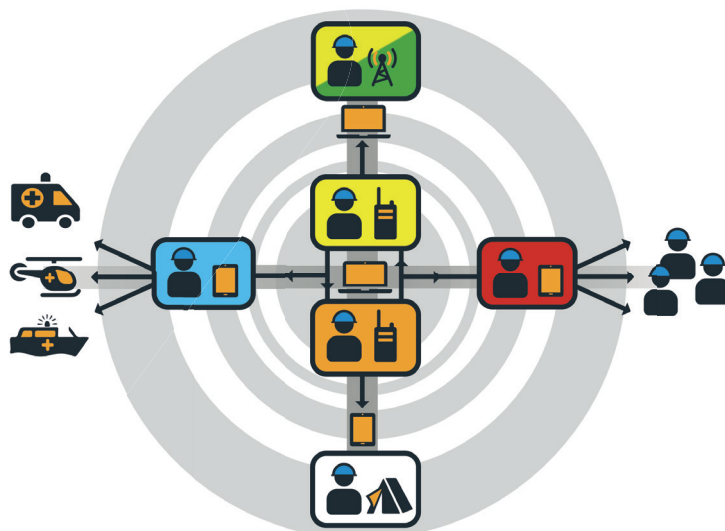
REPORTING



SAFETY

MAXXIE™

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Mass
casualty
incidents

Application
Client / Server

EMERGENCY MEDICAL DISPATCH



Manages PSAP routine activities including logistics and communication.

VEHICLE STAGING AREA



The **Senior Officer of Transport** coordinates the movement of vehicles.

COMMAND AND CONTROL POST



Senior Officer of Health Services assigns the roles and manages the intervention plan.

INCIDENT SCENE



The **Senior Officer of the Recovery Teams** manages the teams and allocates the tasks.

TREATMENT STATIONS AT SCENE



The **Senior Officer of the Advanced Medical Point** manages the evacuation priorities of the injured.

Managing Rescuers

OPERATIVE ROLES – Assignment of roles and visual display of the ongoing actions.

USER PROFILING

Role based user profiles are provided enabling optimisation of modules to **ease flow of data** in high-pressure environments.

CONTROL ROOM – Dynamic management of data enables **near real-time situational overview** and patient status.

MAXXIE™ DYNAMIC PATIENT TRACKING SYSTEM



Certified reliability



CERTIFICATIONS - The **MAXXIE™ System** is rigorously tested during simulated operations both in civil and military scenarios whilst being continuously evaluated against alternative solutions and methodologies*. The system was critically evaluated within a doctoral thesis: “Distributed Real-Time IT Eco-Systems to support cooperative work in emergency scenarios” which concluded that the use of the systems technology reduced execution times and error margins along with increasing adherence to procedures. The System has been patented since 2007 and the usability interface is certified according to **ISO/IEC 2001 a**.

System Client / Server REQUIREMENTS

Control Room module

- Network connection

Patient Tracking module

- Android devices
- Genus Tag Optional

Optional

- Data Linker

100% VERIFIED

held proven by civil and military users.

100% FAST

rapid data entry and dynamic updates.

100% RELIABLE

systematic process of data entry reduces margin for clinical error.

100% INNOVATIVE

patented next generation technology PCT/IB2016/054842

**Scientific documents are available on request.*