

I_HeERO

4th of November 2016, Bucharest

Presenter:

Andra Cucosel

Technical Project Manager -
Teamnet



TEAMNET- WHO WE ARE

- Founded in 2001;
- Leading system integrator in the region;
- Over 110 mil. Euro revenue in 2015
- 20+ European research and development projects;
- 800 employees;
- 1500+ team certifications.

Current offices

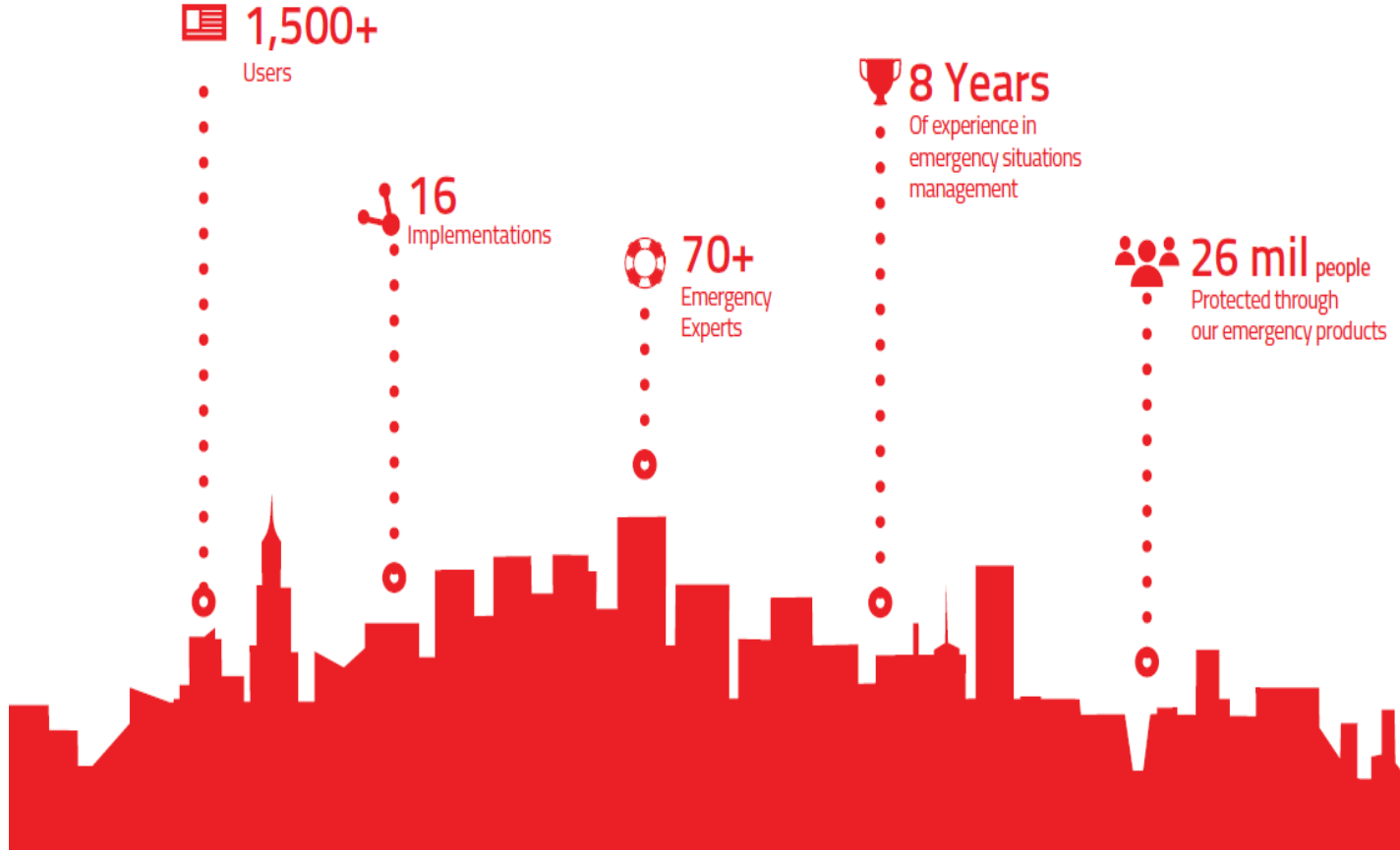


- Romania
- Belgium
- Turkey
- Serbia
- Croatia
- Republic of Moldova

- 6 offices in Romania.
- 5 offices abroad.
- 12 new offices within the next 5 years.
- Next offices in **Dubai** and **Ankara**



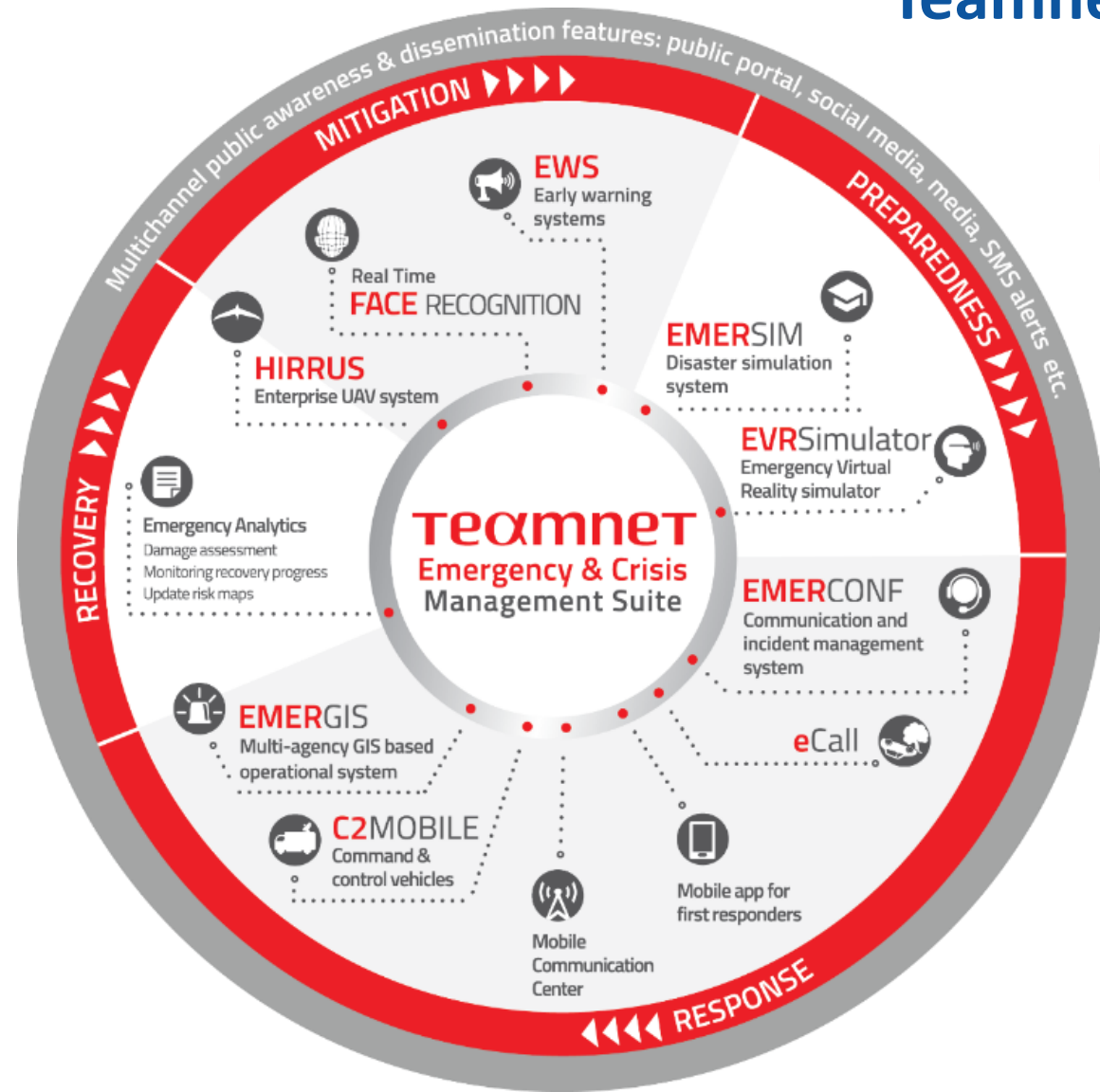
Our expertise in Emergency & Crisis Management



Our expertise in implementing complex projects in emergency & crisis management has made possible the development of an integrated suite dedicated to emergency agencies that covers all four phases of emergency management, from mitigation and preparedness to response and recovery.



Teamnet's Emergency & Crisis Management Suite



EMERCONF Communication and incident management system

- Offers full support for receiving emergency calls and alerts
- Automatically proposes the relevant emergency agencies for response and the resources needed for intervention

EMERGIS Multi-agency GIS based operational system

- Offers tools that cover all stages related to emergency
- Multi-agency GIS based operational system that helps operators localize incidents, efficiently track, manage and assign resource

EMERSIM

Disaster simulation system for tabletop exercises and drills, offering the possibility to exercise and evaluate action plans



Experience in R&D projects: HeERO 2

HeERO 2 (2013 - 2015):

6 new countries (Belgium, Bulgaria, Denmark, Luxembourg, Spain and Turkey) & 9 pilot sites of HeERO1 (Croatia, Czech Republic, Finland, Germany, Greece, Italy, The Netherlands, Romania and Sweden)

Teamnet's role: lead the WP3 – Operation workpackage, coordinate the operational phase of all pilot sites and document the planning, progress and results.

Teamnet was responsible for:

- preparation of eCall operation phase (training of the dispatchers & updates in the operating manuals);
- coordination of the preparation and actual operation of eCall pilots in the Member States, including cross-border interoperability;
- Collection and consolidation of operational results.



Experience in R&D projects– NEXt Generation Emergency Services

Project based on end-to-end connectivity between citizens and emergency services by total conversation calls, using VoIP, real-time text (RTT) and/or videos.

Results:

- Gives citizens a choice of best-suited communication channels to reach emergency services;
- Improves interoperability among emergency services, creating a common emergency service IP-network to connect several PSAPs



Our contribution for iHeERO

IHeERO Teamnet involvement: technical partner

Project activities:

Activity 2 - eCall for HGV (including Dangerous Goods) and long distance Buses

Sub-activities 2.1 – 2.2 Heavy goods vehicles

- The activity focuses to defined architecture and functional specifications;
- Prototype development and interfacing to existing information sources;

Sub-activity 2.3 Long distance buses and coaches

- The activity focuses to defined architecture and functional specifications
- The activity begins this month



Activity 4 - PSAP Data integration

Sub-activity 4.1: Definition, study and implementation of protocol(s) aimed at the communication between PSAPs to enable eCall MSD handling:

- The activity focuses on information exchange between PSAP's
- As communication protocol is studying Common Alerting Protocol (CAP).
- We are working on interoperability between MSD and Common Alerting Protocol (CAP): mapping fields and defining exchange flux
- Will be a project meeting in Frankfurt on November 11

Sub-activity 4.2: Definition, study and implementation of a protocol aimed at the communication between emergency centres/PSAPs and 112 PSAPs to exchange eCall MSD (roaming):

- The activity focuses on the exchange of information between PSAP and Third Party Service Provider (TPS).
- The current standard about the interaction between PSAPs and TPS is defined by EN 16102;
- We are working on interoperability between EN16102 and CAP;
- It is considering the study about DATEX II standard (DATEX II encapsulation of a message in a message CAP).
- Will be a project meeting in Frankfurt on November 11



Activity 5 - NG112eCall

- The activity focuses to define how eCall will work in NG 112
- We are working to to defined NG112 Specification Analysis: first results from the analysis of existing specification from IETF, ETSI, 3GPP and EENA for relevance input for the NG112 eCall specification.
- Another scope is to provide device or solutions for the Proof of Concept
- It was a NG112 eCall workshop in October 25th at Brussels



Thank you!



This project is funded by
the European Union