EMYNOS Pilot
December 20Th 2017
Graz, Austria

Next
GEN
PLATFORM

ÖSTERREICHISCHES ROTES KREUZ

Aus Liebe zum Menschen.

next generation
EMYNOS
emergency communications

EMYNOS nExt generation eMergencY commuNicatiOnS

Current emergency systems and 112 services are based on legacy telecommunication technologies, which cannot cope with IP-based services that European citizens use every day. Some of the related limitations are the partial media support, the lack of integration of social media, and the use of an analogue modem for providing eCall services with limited data amount. As most operators have started migrating towards broadband IP-based infrastructures, current emergency systems need also to be upgraded and adapted in order to fulfil regulatory requirements in terms of Next Generation emergency services.

The main objective of the EMYNOS project is the design and implementation of a Next Generation platform capable of accommodating rich-media emergency calls that combine voice, text, and video, thus constituting a powerful tool for coordinating communication among citizens, call centers and first responders.

Additionally, the EMYNOS system addresses issues such as call routing/redirection to the closest-available call center, retrieval of the caller location, hoax calls prevention, support for people with disabilities, and integration of social media.

The objectives of the pilot

This pilot is intended to demonstrate Next Generation emergency services as well as their integration with the current emergency call centers' systems. This event will particularly show IP based emergency calls - with various features such as audio, video, Real Time Text, accurate location, and sensors data – tested within the system of the Austrian Red Cross. It is foreseen that this pilot will be:

- a starting point for further activities in the context of research, development, integration, and testing of Next Generation emergency services,
- an incentive to the regulators and end users to respectively enforce the necessary policies and speed up the deployment of such services.

EMYNOS innovations

Caller Location retrieval compliant to IETF and ETSI

Support for persons with various categories of disabilities

EMYNOS eCall extensions including photos and videos

Exploit social media to support disaster management operations

The Pilot agenda

Venue: Österreichisches Rotes Kreuz (Austrian Red Cross)
Landesverband Steiermark, Merangasse 26, A-8010 Graz

13:00 - 13:15	**Welcome**
13:15 - 13:45	**The Emynos Project:** Project concept, main objectives and achieved results
13:45 - 14:00	**Test bed Components:** Trial Site description
14:00 - 14:15	**Use cases description:** Trial Scenarios
14:15 - 14:30	**Coffee Break**
14:30 - 15:15	Demonstrations
15:15 - 15:30	Evaluation
15:30 - 16:30	**Round Table:** Audience Questions and Feedback
16:30 - 17:00	**Conclusions and closure**

Consortium

FRAUNHOFER FOKUS

TEIC

AUSTRIAN RED CROSS

HARPO

HELLENIC OPEN UNIVERSITY

MCS DATA LABS

NAVCERT
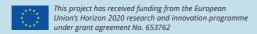

PSCE

STS

TURKSAT

VOZTELECOM

FURTHER INFORMATION:

EMYNOS website: **www.emynos.eu**

DISSEMINATION LEADER:

Public Safety Communication Europe (PSCE)

Rue des Deux Eglises 39

B-1000 Brussels, Belgium

www.psc-europe.eu

secretariat@psc-europe.eu

VENUE:

Österreichisches Rotes Kreuz

(Austrian Red Cross)

Landesverband Steiermark

Merangasse 26

A-8010 Graz