

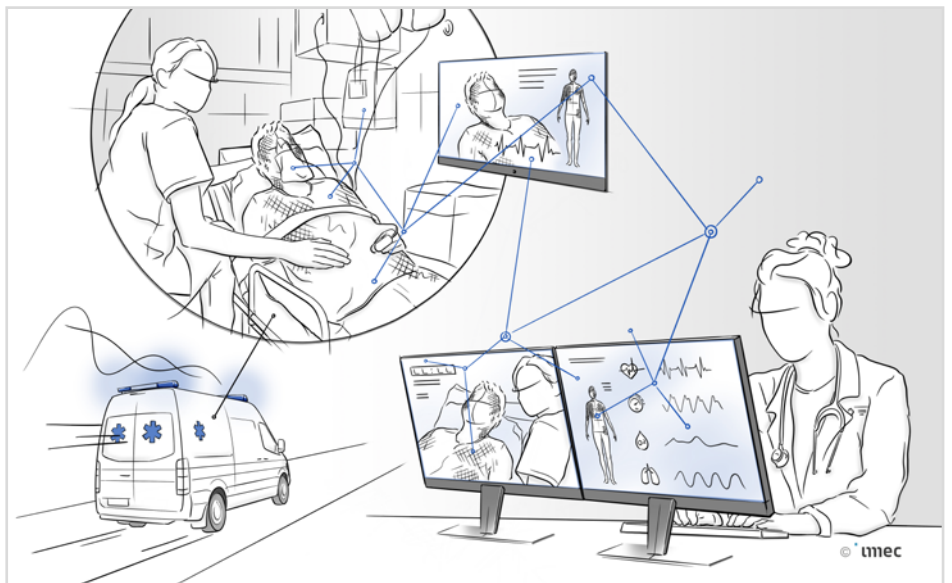
Digital Cities

EVERAI

Emergency Vehicles digital EnableR through AI

STARTUP CREATION: EVERAI MEDICAL TECHNOLOGIES (SPAIN)

PARTNERS: IMEC BE, Pipple (The Netherlands), GENESIS Biomed (Spain)



EVERAI is an ICT enabler supporting the emergency doctor in the emergency vehicle (ambulance)

EVERAI diminishes the administrative burden for doctors/medical staff by digitizing information that is shared between MUG-doctor and emergency doctor and digitizing it already at the pre-hospital level.

EVERAI is an in-emergency-vehicle ICT enabler that is capable of collecting & sharing objective patient data. Unlike other solutions, EVERAI diminishes the administrative burden for doctors by digitizing information, shared between different doctors. The pre-hospital information will be gathered through a voice-to-text algorithm. An interface allows the MUG-doctor to validate the information real-time.

By sharing objective and structured patient data with the remote doctor at the hospital, he/she can better prepare the required staff and infrastructure. This reduces critical time for treatment. As such, a better clinical outcome can be expected, which improves their life expectancy while lowering global costs for society.

Competitive Advantages

- Robust & performant (using new innovations in high bandwidth mobile connectivity)
- Focused on user experience - developed in co-creation with the end user
- Obeys regulations in HC industry

Target Markets

Main focus group: emergency doctors

- User group during the project: Emergency doctors UZ Ghent & AZ Jan Palfijn Ghent
- Extension to emergency doctors in other Flemish hospital
- Extension beyond Flanders: Netherland and Spain

Side focus group (once the first working prototype is ready)

- Other emergency vehicle users eg firemen

Status/ Traction

- The first pilots will be held in close collaboration with the emergency doctors of some hospitals in Flanders. (eg: UZ Ghent & AZ Jan Palfijn Ghent)
- In a next phase, we aim to test the solution with the ambulances of the fire brigade of Ghent
- Depending on the partnerships we are setting up and time, it might be possible to test this solution as well with the ambulances of Brussels.

Road Map

- Develop an added value project with a reference institution to build stakeholders trust and validate product specifications
- Refine product and add new functionalities according to customer's feedback and requirements
- Adapt product (language and features) to each market in which we want to be introduced

Leveraged Technologies

3D printed casings.
Standard available electronic components. Standard available telecommunication solutions. The web platform is based on these technologies: Google WebRTC for Audio/video ASP.Net and Angular JS for web platform developments.

Contact




Astrid Philippon
Project Coordinator

e: Astrid.pilippon@imec.be
t: +32 477 427667

Sint-Pietersvliet, 7 | 2000
Antwerpen | Belgium

EVERAI

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