



About the EMS Safety Foundation An international multidisciplinary innovation consortium that aims to enhance Emergency Medical Services (EMS) Systems Safety via Innovation, Collaboration and Knowledge Transfer. We are a not-for-profit non-governmental organization, established in 2008.

Why the need? There has been minimal technical and policy attention, both nationally and internationally, addressing the non-clinical aspects of pre-hospital care delivery and patient transport. EMS transport has unique system safety challenges and risks that are beyond any other transportation modes. The pre-hospital care-field will be able to make better informed operational decisions, if EMS/medical transport practice and policy is bridged with technical expertise, transport systems engineering, automotive safety engineering and crashworthiness, human factors and ergonomics science and public health and epidemiology.

Our mission is to increase the safety of pre-hospital care and medical transport for the patient, the provider and the public.

Goals

- Identify and advance safe practices, working with already established agencies, institutions and industry
- Conduct research and evaluation via multi-disciplinary knowledge transfer
- Disseminate newly acquired information on a large scale via publications, interactive media and technical forums.

Objectives

1. Build a consortium of forward thinking EMS organizations, industry and technical experts to advance safety.
2. Seek and identify the nature of operational challenges and technical information required by EMS services.
3. Conduct field work and other research activities in the area of emergency services safety.
4. Conduct Web seminars and workshops and provide other educational modalities in the area of emergency services systems safety.
5. Assist emergency service providers in implementing recommendations for improved safety.

Organizational Structure

Horizontal and interdisciplinary infrastructure, overseen by Management and Advisory Boards:

Technical Expert Panel: Expertise in specific disciplines, provides technical input.

Innovation Consortium: Provides practical operational experience;
serves as an operational innovation test bed,
bridging EMS Services and industry and corporate partner innovators.

Integration Team: Integrates information generated by the Panel and Consortium.

Affiliate Subscribers : Facilitate general EMS community participation and information dissemination.

EMS Safety Foundation Achievements Since our establishment in January 2008, we have successfully:

- Established a unique and dynamic consortium of a spectrum of EMS and Medical Transport services integrated with interdisciplinary technical expertise and lead industry partners
- Contributed our expertise to guiding safer design and practice of ambulance transport and operations
- Stimulated ambulance organizations in the reconsideration of their safety priorities, leading to implementation of new operational safety strategies and new fleets of vehicles
- Hosted a comprehensive series of innovative interdisciplinary interactive webinars and workshops since 2008
- Launched the **Innovation Design Module - INDEMO** - project, a hands on mobile vehicle interior demonstration
- Deployed a telepresence robot – Andi – to facilitate the interactive sharing of innovation in design with endusers
- Developed and launched the iRescu Project
- Assembled the first North American and interdisciplinary delegations to participate in RETTmobil, the major European Emergency Rescue Congress and Trade Show 2008, and attended annually since in Fulda, Germany
- Fostered relationships with interested organizations, including collaboration with the National Academies Transportation Research Board (TRB) EMS Subcommittee and the TRB Ambulance Transport Safety Summits (2008, 2009 and 2012), and Symposia (2013, 2014 and 2015) in Washington, DC
- Received an unprecedented amount of global interest in the Consortium, its activities and achievements

❖ **Benefits of Innovation Consortium participation for EMS/Medical Transport Services**

- Access to independent technical information to drive decision making
- Interactive participation in Webinars, Workshops and Virtual tours, onsite and online
- Networking in a likeminded forward thinking community
- Innovation and market strengths
- Involvement in a unique relationship with leading technical expertise and industry partners

❖ **Benefits for Corporate Sponsors**

- Association with an innovative forward thinking and interdisciplinary organization
- Specific event participation and sponsorship with global visibility at supporting EMS and Medical Transport system safety via website, webinars and international delegations.
- An opportunity to positively impact society and to contribute to the breadth of the country, rural and urban populations and volunteer and paid EMS services.

❖ **Additional Benefits for Corporate Partners**

- Active Partnership with a collaborative, cutting edge infrastructure and access to all Consortium activities.
- Rapid, ongoing direct involvement with, and facilitated access to, a unique sector of the EMS Industry of forward thinking and creative end users across a wide spectrum of ambulance services.
- Early access to cutting edge multi-disciplinary safety technologies pertaining to the broader field of EMS operations. In particular, an ongoing interface with developments in design, policy and procedure, systems safety, vehicles, transport operations, patient handling and protective equipment.

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