

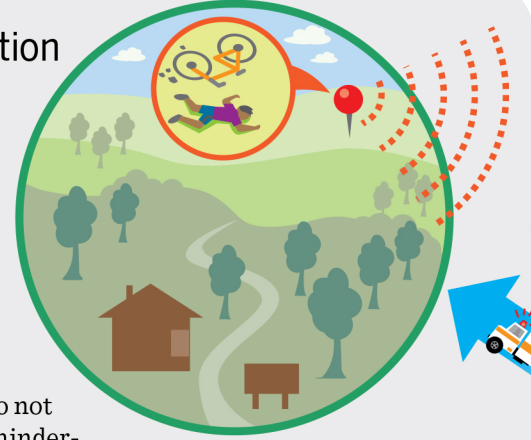
NG911 FOR EMS

How EMS Benefits from Next Generation 911

Next Generation 911-related technologies will provide new opportunities to keep EMS providers and communities safer. The following scenarios provide a non-technical depiction of how new technologies will provide information leaders need to ensure safe, efficient and effective responses to a variety of incidents.

Improved Location Accuracy

With improved location accuracy, responders will reach victims sooner and triage the scene more efficiently. This is especially important in challenging environments like rural areas or parks, densely populated urban areas or on freeways. Mobile callers may also not be aware of their exact location, hindering first responders' ability to reach them quickly. Because minutes count with critical patients, faster treatment improves outcomes and survival rates.



Public Safety Communications Center

Information to 911
Information from 911

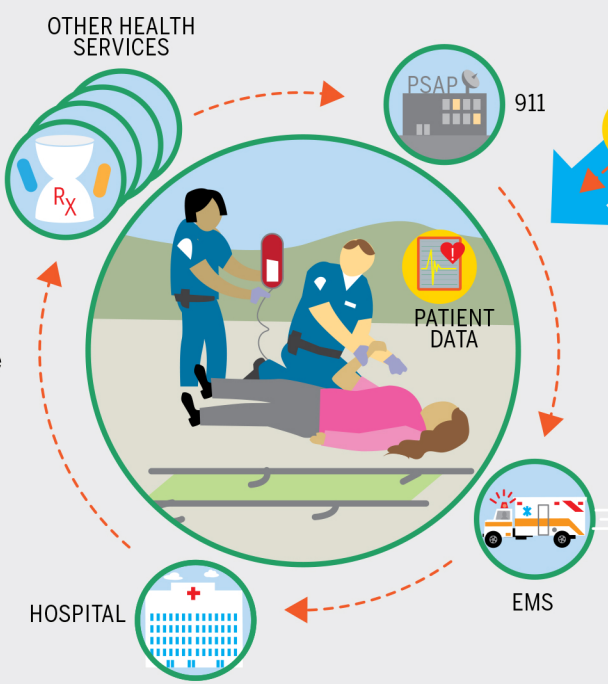


Multi-Agency Interoperability

During a natural disaster or other large-scale emergency, the NG911 system protects against call overload by re-routing calls, texts and data to alternative call centers. The system also allows for better communication with first responders, allowing for better coordination between other emergency services and agencies.

Continuity of Patient Data

In the NG911 environment, EMS would have access to more detailed medical history for a patient. In the future, the ability to merge medical data with 911 call data will give providers better on-scene information to improve patient care. Including outcome data within the patient record will provide a more complete picture to support performance improvement. Better data would translate to better overall patient care as well as the advancement of entire EMS systems.



Accurate Pre-Arrival Data

Monitoring technology worn by patients may automatically alert 911 within seconds of a life-threatening medical event. Responders can access time-sensitive patient health data and incident information before they arrive at the scene, improving patient outcomes and survival rates.

Better Crash Data

Telematics, now integrated into many vehicles, notify 911 with precise location information, data on airbag deployment and more. This data, available at dispatch, helps EMS and fire services prepare appropriate equipment and provides medics with key information for faster transport to the appropriate hospital or trauma center.