

NG911 FOR THE FIRE SERVICE

How Fire Departments Benefit from Next Generation 911

Next Generation 911-related technologies will provide new opportunities to keep firefighters 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.



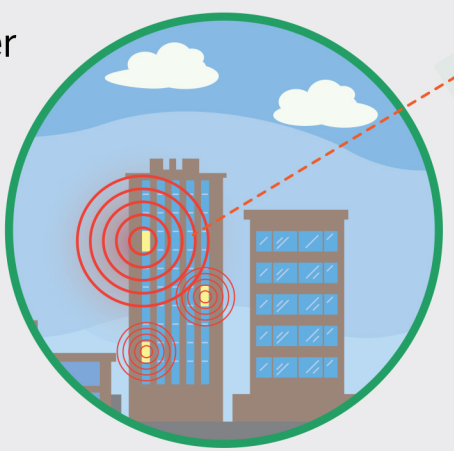
More Accurate Scene Information

NG911 will allow dispatchers to receive videos and photos from victims and bystanders at the scene, providing more vital pre-arrival information. Environmental conditions – such as area density – and other details such as smoke color and structure involvement will help identify the appropriate response.

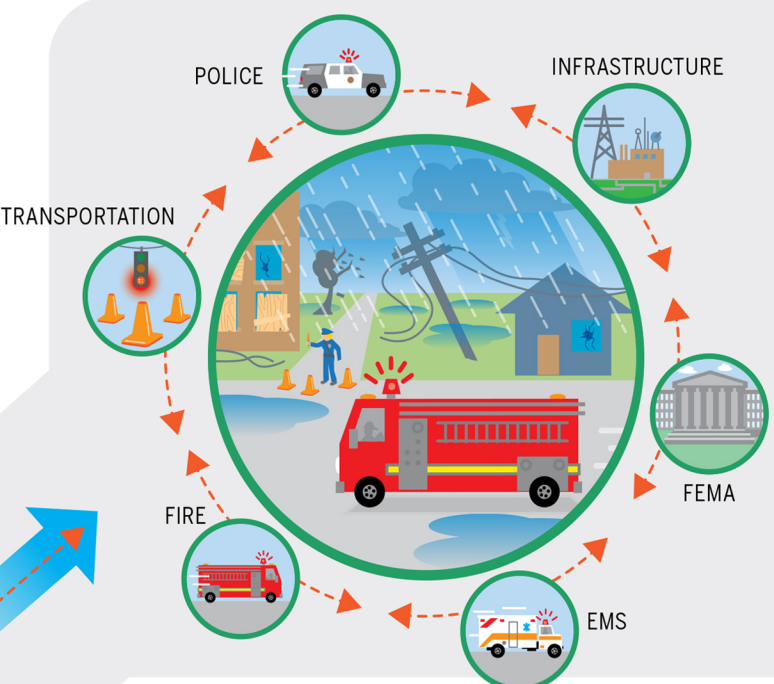


Improved Firefighter Safety

New and emerging technologies in the NG911 environment will provide information to improve firefighter safety. Dispatch can access building sensors and video feeds, helping to identify hazardous materials or potential victim location. Other technologies will provide more precise caller, responder and resource location accuracy.

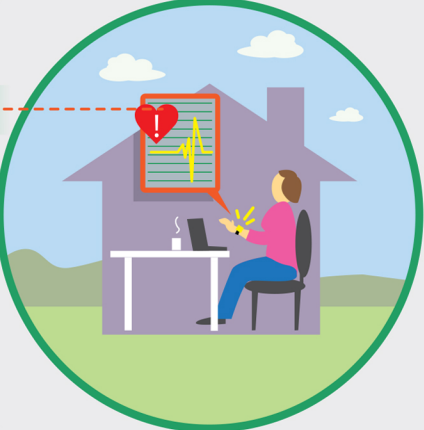


Public Safety Communications Center
 Information to 911
 Information from 911



Redundancy & 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 coordination with first responders, allowing for better coordination between other emergency services and agencies.



Accurate Pre-Arrival Data

Monitoring technology worn by patients may automatically alert 911 within seconds of a medical event. Pre-arrival responder access to time-sensitive patient and incident information will help improve patient outcomes and survival.



Better Crash Data

Telematics, now integrated into many vehicles, notify 911 with precise location information and crucial details like speed at impact, airbag deployment, number of occupants, seatbelt use and more. This data, available at dispatch, helps fire services prepare appropriate equipment and provides medics key information to plan for transport to the appropriate hospital or trauma center.