

Interoperability Related Activities Matrix

Concept Title	Description	Lead Agency	Other Agencies Involved	Related NUG Area 3 Strategy	Functionality
Next Generation 911	Effort to update the infrastructure of the 911 system to enable transmission of text, images, video, and data in addition to voice to public service answering points.	USDOT - RITA	NHTSA, DoC, DHS, DoJ, FCC, NENA,	Strategy 16 – Broadband Emergency Communications Systems	Notify and deploy
E-911 Implementation Coordination Office	Manages the Grants established by Congress to develop next generation 911 technology and protocols.	NHTSA	USDOT RITA; FCC; DHS, NTIA, NASNA, NENA	Strategy 16 – Broadband Emergency Communications Systems	Notify and deploy
SafeCOM	Provides research, development, testing and evaluation, guidance, tools, and templates in an effort to coordinate federal initiatives related to interoperable communications among emergency responders.	DHS	NHTSA, DoC, DHS, DoJ, FCC,	Strategy 15 – Interoperable Voice and Data Networks	Deploy and respond
Virtual USA	Provides establishment of resources for event monitoring from communication systems using shared geospatial data.	DHS	DHS	Strategy 15 – Interoperable Voice and Data Networks	Deploy and respond
700 Mhz Band	FCC initiative to repurpose bandwidth for use by emergency responders.	Public Safety Spectrum Trust	FCC; PSST members	Strategy 15 – Interoperable Voice and Data Networks	Deploy and respond
Intellidrive	Advances connectivity among vehicles and roadway infrastructure in order to significantly improve the safety and mobility of the transportation network.	USDOT; RITA	Automobile manufactures, national transportation associations	Strategy 16 – Broadband Emergency Communications Systems	Deploy and respond
RITA Strategic Direction	Will guide key RITA activities toward new opportunities for research & development, technology transfer, and evaluation of next generation ITS technologies.	USDOT - RITA	Bureau of Transportation Statistics	Strategy 17 – Prompt, Reliable Traveler Information Systems	Research and development
511/Automated Systems	Real-time traveler call in information system which has potential to be used by TIM Responders to Push and Pull information regarding incidents.	511 Deployment Policy Coalition Committee	30 public organizations; industry groups; industry associations; and private companies	Strategy 17 – Prompt, Reliable Traveler Information Systems	Response
Road Weather / CLARUS	Integrated surface transportation weather observing, forecasting and data management system to provide information to all transportation managers and users to alleviate the effects of adverse weather	USDOT FHWA	NOAA	Strategy 17 – Prompt, Reliable Traveler Information Systems	Identification and response
State Interoperability Executive Committees; 911 Boards/Commissions; Statewide Communication Coordinators	Assist emergency responder agencies (police, fire, medical, etc) at all levels of government (to define interoperability for their local region.	DHS	State DOTs	Strategy 13 – Multidisciplinary Communications Practices and Procedures	Development