



Wisconsin's Roadmap to Next Generation 9-1-1

Wisconsin League of Municipalities
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What is NextGen9-1-1?

NextGen9-1-1 (NG9-1-1) is an IP-based 9-1-1 system utilizing an emergency services IP network (ESInet) to replace the existing legacy/circuit-based systems.

NG9-1-1 is comprised of hardware and software to:

- Process all forms of emergency calls, including real-time text, images, video, and other data
- Deliver and transfer calls to the appropriate public safety answering point
- Support coordinated incident response and management

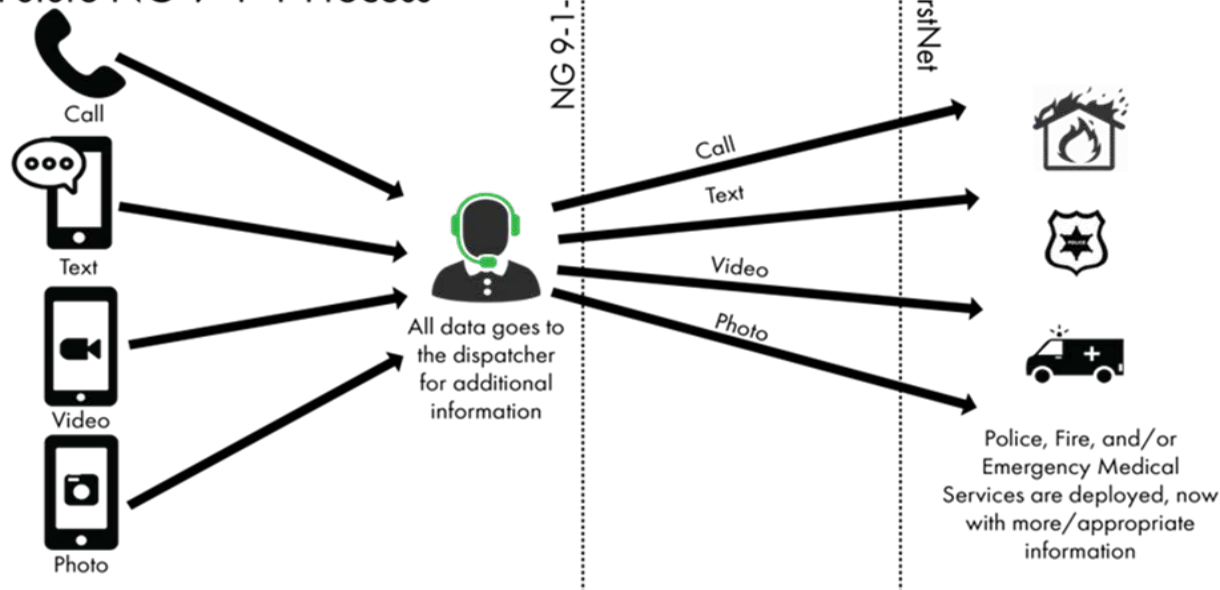


9-1-1 Today & NG9-1-1 Tomorrow

Current 911 Process



Future NG 9-1-1 Process





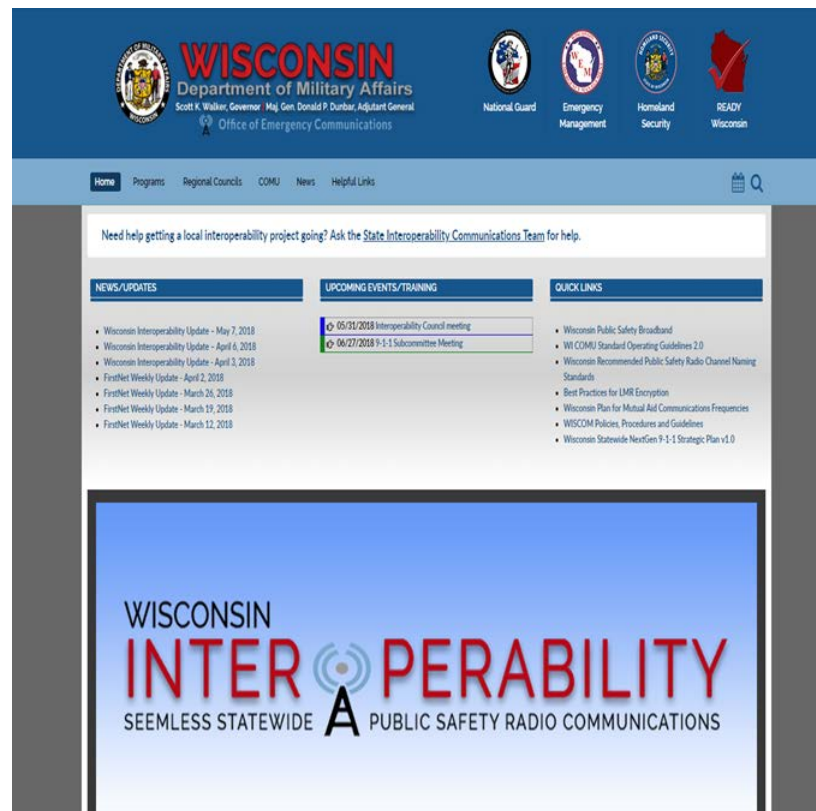
What are the Benefits?

- Real-time text-to-911, multimedia capabilities, telematic and sensor data (e.g. OnStar), and “Smart City” integration
- Provides first responders with more critical information for resolving emergency situations
- Policy-based routing based on predetermined criteria such as capacity, caller’s preferred language



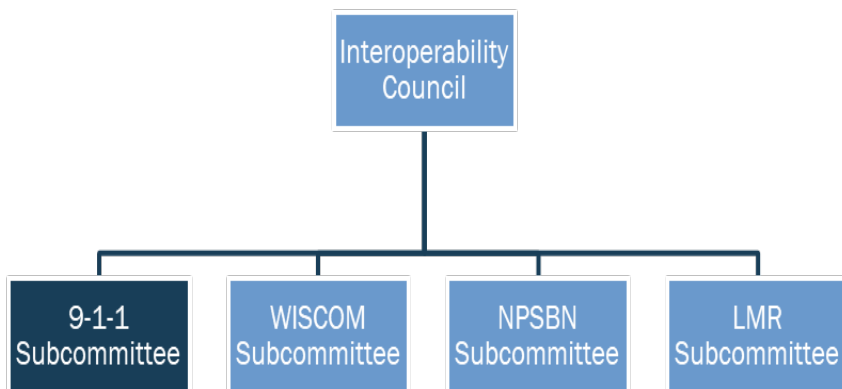
Changes to 9-1-1 in WI

- 2017 WI Act 59 transferred interoperability programs to DMA and reorganized the 9-1-1 Subcommittee under the Interoperability Council
- Adjutant General appoints the Director of Emergency Communications
- Allocated \$6.7 million to plan and contract for a statewide ESInet





9-1-1 Subcommittee



- 19-member subcommittee comprised of various stakeholder associations and private stakeholders appointed by the Governor
- League of Municipalities Representative:
Paulina de Haan



Subcommittee Duties

- Advise DMA on NG9-1-1 emergency services IP network contracts
- Make recommendations to DMA regarding federal sources of funding and the funding streams that are required to enable PSAPs to purchase and maintain equipment necessary for NG9-1-1
- Conduct a statewide 9-1-1 telecommunications system assessment
- Develop recommendations for service standards for PSAPs



ESInet Funding

- Under Wis. Stat. 20.465(3)(qm), \$6.7 million annually has been allocated to DMA beginning in July 2018
- The funding can be used:
 - To make and administer contracts for the creation, operation, and maintenance of a statewide ESInet, and;
 - For the 9-1-1 Subcommittee to administer its duties under Wis. Stat. 256.35(3s)(d)



Status Update

- Tom Czaja was appointed Director of the Office of Emergency Communications in October 2017
- 9-1-1 Subcommittee has met seven times since it's inception
- OEC released Request for Information (RFI) for ESInet and NG9-1-1 Services
- OEC hired 911 Authority, LLC to assist with a statewide 9-1-1 system assessment, ESInet procurement, project management and implementation





9-1-1 System Assessment

- In consultation with the 9-1-1 Subcommittee, the 9-1-1 System Assessment will include:
 - Status of current Wisconsin PSAPs and a complete PSAP list
 - Statutory and regulatory impacts (local, state, and federal) related to the implementation of NG9-1-1
 - Current and other possible funding sources (local, state, and federal) for implementing a statewide ESInet and NG9-1-1
 - Current equipment and software, as well as changes needed for the implementation of the ESInet at the state and PSAP levels (including CPE, servers, workstations, CAD, etc.)
- Contact with every PSAP will be required



Federal 9-1-1 Grant Program

- Federal 9-1-1 grant program under development by the National 9-1-1 Office
- Notice of Funding Opportunity released August 8th and Step One of two step application process was due September 10th
- If Wisconsin is awarded grant funding, 90% of funds will be allocated to benefit local entities
- Wisconsin may apply for an anticipated minimum of \$2.3 million with a 40% non-federal match requirement
- Continue allocating funding for local PSAP equipment



9-1-1 Grant Program, cont.

- Potential eligible uses of funds:
 - Hardware to provide NG9-1-1 services
 - Software to provide NG9-1-1 services
 - Hosted NG9-1-1 services
 - Training directly related to NG9-1-1 implementation for public safety personnel
 - Operation of the NG9-1-1 system while still operating the legacy 9-1-1 network
 - GIS and cybersecurity if it falls within the “hardware/software” category
- Funds may not be used for:
 - Costs to operate legacy E9-1-1 or 9-1-1 systems
 - Costs to operate the NG9-1-1 system after it is fully operational
 - Activities related to construction
 - Independent verification and validation (IV&V) testing for product, service, and system purchases



Questions?

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