

New York State
Interoperable and Emergency
Communication Board
2014 Annual Report



**Homeland Security
and Emergency Services**

**Interoperable and
Emergency Communications**

This report has been prepared pursuant to Section 328 of the New York State County Law, which requires the New York State Interoperable and Emergency Communication Board to issue an annual report to the Governor and the temporary president of the Senate, the minority leader of the Senate, the speaker of the Assembly, and the minority leader of the Assembly on the Board's prior year activities.

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I. The State Interoperable and Emergency Communication Board

The State Interoperable and Emergency Communication Board are empowered under Section 326 of the New York County Law with the following select powers and duties:

1. Make recommendations to the Commissioner of the Division of Homeland Security and Emergency Services on the expenditure of grants and other funding programs related to interoperable and emergency communications;
2. Make recommendations related to the development, coordination and implementation of policies, plans, standards, programs and services related to interoperable and emergency communications, including but not limited to ensuring compliance with federal mandates for interoperable communications and compatibility with the national incident management system;
3. Establish structures and guidelines to maintain interoperable communications planning and coordination at the statewide level;
4. Establish, promulgate and revise standards for the operation of public safety answering points; and
5. Establish guidelines regarding the creation of regionally based radio communications systems compatible with the structures and guidelines consistent with federal mandates and best practices.

The 25 member Board is comprised of state agency heads, state legislative and executive appointee's representative of first responder organizations and experts in the field of interoperable and emergency communications. Members are appointed for a term of four years.

A. Membership

NAME	AFFILIATION	APPOINTMENT
<i>CHAIR</i>		
Robert M. Barbato	Director, Office of Interoperable and Emergency Communications	Exec. Law §717
<i>MEMBERSHIP</i>		
William Bleyle	9-1-1 Commissioner, Onondaga County	Executive
Joseph D'Amico	Superintendent, NYS Police	Ex-Officio
Eric Day	Director of Emergency Services, Clinton County	Executive
Margaret Miller	Chief Information Officer, NYS Office of Information Technology Services	Ex-Officio
Joel Eisdorfer	Private/Technical Expert	Senate
Joseph Gerace	Sheriff, Chautauqua County	Executive
Michael C. Green	Commissioner, Division of Criminal Justice Services	Ex-Officio
John P. Melville	Acting Commissioner, Division of Homeland Security and Emergency Services	Ex-Officio
Brian LaFlure	Director/Fire Coordinator, Warren County	Executive
Gary Maha	Sheriff, Genesee County	Senate
Joan McDonald	Commissioner, Department of Transportation	Ex-Officio
John Merklinger	Director, Monroe County Emergency Communications	Executive
Robert Morris	Vice President, NY NJ Port Authority Police Benevolent Association	Senate
Maj. Gen. Patrick A. Murphy	Adjutant General, Division of Military and Naval Affairs	Ex-Officio
Kevin Revere	Emergency Manager, Oneida County	Senate

Richard Rotanz	Private/Technical Expert, Suffolk County	Senate
Howard Zucker, MD	Commissioner, Department of Health	Ex-Officio
Michael K. Volk	Chief of EMS & Inter Ops Coordinator Westchester County Department of Emergency Services	Executive
James R. Voutour	Sheriff, Niagara County	Executive

B. Board Vacancies

As of March 1, 2015, five seats on the Board are vacant. The vacancies comprise five State Assembly appointments.

C. 2014 Meetings

As required by statute, the SIEC Board met four times during the calendar year 2014. These meetings were held on: March 11th, July 22nd, October 15th and December 10th. The meeting agendas can be found on DHSES website <http://www.dhSES.ny.gov/media/webcast.cfm>.

D. Committees and Working Groups of the Board

- The Communications and Interoperability Working Group are subject matter experts charged with addressing the tactical, operational, and strategic interoperability needs of public safety first responders by providing best practices for interoperability, within & between regions; identifying measurable outcomes/performance; planning for long-range sustainability; voicing the needs, requirements, and expectations of the public safety and emergency management communities; and clarifying the technical needs, standards, impact of mandates, and evolving technologies for public safety first responders in New York State.
- The 9-1-1 Advisory Committee (previously The 9-1-1 Standards Advisory Committee) is charged with assisting local governments, service suppliers, wireless telephone service suppliers and appropriate state agencies by facilitating the most efficient and effective routing of wireless 911 emergency calls; developing minimum standards for public safety answering points; promoting the exchange of information, including emerging technologies to include Next Generation 911; and encouraging the use of best practice standards among the public safety answering point community.

- The Channel Naming and Use Working Group is charged with identifying the various State and National Interoperable radio channels; establishing and/or clarifying the proper names and identification of these channels; and establishing the base line operational policies and procedures for the use of these channels, to support the interoperable communications needs of public safety responders in New York State.
- The Public Safety Network Interoperability Working Group is charged with developing a common internet protocol (IP) structure for the eventual connection of multiple Consortiums and Agencies in a Statewide secure “Intranet” for interoperability and PSAP redundancy, in order to give participants a recommended framework to build from, with the least possible conflict with existing systems. This committee became inactive during 2014.
- The Public Safety Broadband Working Group is charged with advising the State Interoperable and Emergency Communication Board and the New York public safety community on matters such as FirstNet consultation; evolving standards development; public safety broadband grant status, including the State and Local Implementation Grant Program; the needs, requirements, and expectations of the public safety and emergency management communities for broadband; the deployment status of public safety broadband across the State; and promoting public safety broadband in the New York State public safety responder and secondary user communities.

II. The Statewide Interoperable Communications Grant Program

As authorized by Chapter 56 of the Laws of 2010, the New York State Division of Homeland Security and Emergency Services (DHSES), through its Office of Interoperable and Emergency Communications (OIEC), is designated as the principal State agency for interoperable and emergency communications issues. OIEC is responsible for implementing a grant program to facilitate the development, consolidation and operation of public safety communications systems which support statewide interoperability for first responders.

For public safety purposes, the United States Department of Homeland Security guidelines define *interoperability* as the ability of emergency responders to work seamlessly with other systems or products without any special effort. Radio communications interoperability specifically refers to the ability of emergency response officials to share information via voice and data on demand, in real time, when needed as authorized. Communications (for routine operations and incident-driven

interoperability) is assessed from a capability perspective; and would apply equally to all hazards.

The Statewide Interoperable Communications Grant (SICG) is a competitive grant and is funded by cellular surcharge revenue, pursuant to Section 186-f of New York State Tax Law. The first year appropriation was \$20 million, which increased the amount to \$45 million the following year, and then to \$75 million the next three years.

The SICG supports the growth of regional communications partnerships throughout the State. The partnerships, which are inclusive of local and state public safety agencies, will create interoperable emergency communications systems for first responders.

To date, 13 regional partnerships or consortiums have been formed to include all 57 counties and the City of New York. Governance protocols, standard operating procedures, training and exercises are being implemented through these entities.

During 2014, DHSES awarded \$19 million in two PSAP grant programs, from which there was widespread participation from counties. Since 2010, a total of \$225 million has been awarded to 57 counties and New York City through this program. The funding will be used to expand radio coverage by installing new equipment at towers and antenna sites; set up common interoperability channels and other local mutual-aid channels among public safety radio systems, consolidate emergency services dispatch centers, and deploy new technology so that counties can link systems together.

Since the program's inception, DHSES conducted several competitive SICG solicitations for which there was widespread participation from counties.

In *Round 1 SICG*, 45 counties submitted 58 applications requesting over \$69.5 million in funding for the first Round of the Grant, a 77.5% response rate. Seventeen awards were given to 16 counties (Cortland County was successful in two categories). The *Round 1* Grant helped first responders to communicate in two important ways. First, counties acquired and deployed new radio equipment having interoperability channels programmed into them. These channels, designated by the FCC for each frequency band, allow responders from different agencies to use common channels during incidents where multiple jurisdictions are involved. This equipment also includes common calling channels which serve as a lifeline for first responders to call for help when in danger. Funds are being used to obtain portable and mobile (mounted in vehicles) radios and base stations (fixed-station equipment handling radio traffic from many users) capable of using the national interoperability channels and other local mutual-aid channels where applicable. This equipment is also designed to be more efficient with radio spectrum in compliance with an FCC mandate that became effective January 2013. Second, the awards helped to expand radio coverage within and between counties, and improve connectivity between radio systems. Counties are using the awards to construct and install new equipment at tower and antenna sites; deploy

microwave equipment to provide more reliable transmission between sites and facilities; and implement gateway technologies so counties can link systems together.

For the *Round 2 SICG*, 49 counties responded (85% response rate), with the total amount of funding requested at over \$158 million. As expected, counties demonstrated significant needs for improving public safety communications and interoperability among multiple agencies and jurisdictions; and affirmed their commitment to the regional communication partnership approach. Using the total appropriation authority of \$102 million which was available at that time, 29 counties received awards by using the \$102 million allocated.

Budget/statutory amendments required that a specific amount within the Program be dedicated for Public Safety Answering Point (PSAP) purposes. As part of *Round 2*, \$9 million was dedicated for proposals relating to consolidation, operations and improvements, including next-generation technologies. For the PSAP Grant, 37 counties responded (64% response rate), with 24 applying for the consolidation and 13 applying for sustainment purposes. Eleven counties were awarded under the \$7 million allocated for consolidation purposes; and 13 counties were funded through the \$2 million allocated for sustainment.

As a result of the *Round 2 Grant*, consortium boundaries have expanded and membership of a single consortium includes more counties than before, with the single goal of achieving interoperable communications on a larger scale and at the same time realizing expanded coverage for first responders. Counties' projects included improvements and/or development of microwave backbone (microwave network) connectivity between radio systems. A dedicated microwave network provides ability to connect counties' radio systems together. It would also provide the network for regional consortiums to link their member counties, as well as regional consortiums to link to each other for radio interoperability. In addition to radio connections, the microwave network would also provide a platform for sharing of data services, such as criminal justice data, remote sensors, DMV, and the Emergency Alert System. Adirondack Consortium microwave backbone is already operational.

One other significant accomplishment of this grant includes widespread implementation of standard operating procedures, training and exercises, and improved collaboration between counties and State agencies.

The third round of the SICG program, *Round 3 SICG*, used \$75 million appropriated in 2013-14 to continue the objectives from the previous round to expand regional partnerships, formalize governance, implement operating procedures between counties and agencies, and improve efficiency of emergency communications systems.

In addition, *Round 3* focused upon minimizing potential gaps in aligning technology acquisitions with operational use within regional consortiums. Recognizing this, eligibility was limited to counties which had not received SICG funding from the previous two rounds. Twenty-two of the eligible counties responded to the SICG (96%

response rate), with the total amount of funding requested at nearly \$107 million. As expected, counties demonstrated significant needs for improving public safety communications and interoperability among multiple agencies and jurisdictions; and affirmed their commitment to the regional communication partnership approach. The benefits of *Round 3 SICG* include expediting the capability within and between regions, and meeting resources needs among previously unfunded counties who are essential in fulfilling the expectations of partnering jurisdictions and agencies within their consortium.

Once again, budget/statutory amendments required that a specific amount within the Program be dedicated for Public Safety Answering Point (PSAP) purposes. As part of *Round 2*, \$9 million total was dedicated for proposals relating to consolidation, operations and improvements, including next-generation technologies. In this round of PSAP grant, 40 counties responded (69% response rate), with 33 applying for the consolidation and 25 applying for sustainment purposes. Fifteen counties were awarded under the \$7 million allocated for consolidation purposes; and 25 counties were funded through the \$2 million allocated for sustainment.

In year 2014, the new 2014-15 budget appropriation, adjusted by the impact of the language contained in a chapter of the NY State law, provisioned \$10 million in reimbursement grants (PSAP Operations Grant) to counties for costs related to the operations of public safety dispatch centers and provisioned \$50 million in grants (SICG) to counties for the development, consolidation or operation of public safety communications systems or networks designed to support statewide interoperable communications for first responders.

The *2014-15 PSAP Operations Grant*, with \$10 million in funding, is designed to support counties' existing operations, and also encourage the development of Next Generation 911 technologies, assure development of operational and procedural efficiencies and overall collaboration between different jurisdictions, such as other counties and state agencies.

This new *2014-15 PSAP Operations Grant* is a non-competitive reimbursement grant program where funding is distributed by formula, however counties must meet specific eligibility criteria. In 2014, all 57 counties and the City of New York (100% participation) submitted applications and met eligibility requirements of the grant program. Formula-based distribution utilized a precise mathematical formula with logic elements to calculate and distribute the available state grant funding to counties. Calculations reflected characteristics and objectives of the PSAP grant program and was based on quantifiable elements and denumerable components. The formula reflects the county's needs based on specific factors and also balances the state's interests in developing reliable 911 structures throughout the state. Under contractual agreement, counties have one calendar year (2015) to submit claims for reimbursement of expenses eligible under this grant program.

During the year 2014, DHSES, in collaboration with the SIEC Board and other key-stakeholders, developed *Round 4 SICG* parameters for \$50 million in funding available under this competitive grant program. The Request for Applications (RFA) will be posted in the first quarter of 2015.

III. County Consortiums/Partnerships

A primary objective of the SICG program is to encourage the development of regional-based communications consortiums and partnerships. These serve as the framework by which statewide interoperability can be accomplished through a “network of networks” for local, State and other first-responder agencies to use.

Prior to the SICG program, consortium affiliations were rather diverse, and broadly-defined with purposes not exclusively for communications or interoperability (e.g.; UASIs), and many were not fully inclusive of agencies/stakeholders that crossed over jurisdictional boundaries.

After the first three rounds, these partnerships have become more refined affiliations focusing on communications and interoperability goals; and by definition more inclusive of other agencies and jurisdictions.

Addressing the need to work together with State Agencies, the New York State Police (NYSP) was identified as an active or potential participant among all applicants. The needs and interests of NYSP and other State agencies was widely acknowledged and incorporated in proposals.

This expansion and solidifying of consortiums/partnerships serves as the basis for sharing bandwidth, infrastructure and technology, but more importantly provides the operational, administrative and governance vehicle to make it workable. No modifications to consortia have occurred in 2014. In 2015, we expect to see growth, consolidation and expansion of the consortiums. A list of county consortium memberships can be found in Appendix C of this report.

III. Board Actions

A. Resolutions

1. Resolution No. 2014-1210-01, pertaining to the Adoption of Bylaws of the State Interoperable and Emergency Communication Board
2. Resolution No. 2014-1210-02, pertaining to the recommendation for DHSES to adopt the Statewide Communication Interoperability Plan (SCIP).
3. The Board adopted Resolution No. 2014-1015-01, pertaining to the adoption of Type III, All Hazards Communication Unit (COMU) Credentialing Policy.

These Board resolutions can be found in Appendix B with the SCIP and Type III, All Hazards COMU Credentialing Policy found at the end of this report and also at the following links:

<http://www.dhSES.ny.gov/oiec/plans-policies-guidelines/documents/2014-SCIP.pdf>

<http://www.dhSES.ny.gov/oiec/training-exercises/documents/NYS-COMU-Credentialing-Policy.pdf>

B. Other Actions

1. Reviewed drafted Interoperability Regulations and provided feedback.
2. The 9-1-1 Advisory Committee reviewed and brought to the Board for feedback updated 911 Standards. Posting will occur in 2015.

IV. Summary:

Regardless of scale, the crucial element in dealing with a crisis is the ability of responders to effectively communicate. The government's ability to fulfill this mission has been tested by many large-scale emergencies and disasters coming with increasing frequency and affect. This public safety mission is just as real every day for localized emergencies, whether they occur within or beyond the boundaries of a single jurisdiction.

Homeland Security Strategy on the national level has placed significant emphasis on interoperable public safety communications, and each state has been required to develop plans and demonstrate their capability to achieve interoperable communications on a statewide basis. New York State has stepped up to the challenge and taken the responsibility for ensuring that there is adequate interoperable communications between the state and local level of government to protect first responders and the public they serve. Coordination and collaboration among all levels of government, disparate systems and multiple disciplines has been a significant challenge over the past decade. However, effective communications are a top priority for all stakeholders. The State Interoperable and Emergency Communication Board serves in this capacity for the State of New York.

APPENDIX A – Grant Summaries

SICG Round 1 Summary

As of February 6, 2015

County	Award Amount	Brief Project Description	Reimbursed	Balance
Cortland	\$2,000,000	Equipment for new UHF system for Central New York radio consortium.	\$2,000,000	\$0
Cortland	\$2,000,000	Radio equipment for new countywide system to be connected to Central New York radio consortium.	\$2,000,000	\$0
Delaware	\$1,078,000	Installing new radio and microwave infrastructure, National Interoperability base stations.	\$1,021,300	\$56,650
Essex	\$2,000,000	Implementing a gateway and infrastructure solution to permit the counties in the consortium to link their radio systems together; and narrowband compliant mobile radios to integrate in their new radio system.	\$2,000,000	\$0
Genesee	\$228,309	Replacing non-compliant interoperability channel base stations, and new simulcast equipment permitting first responder interoperability.	\$228,309	\$0
Greene	\$893,000	Installing new radio and microwave infrastructure, National Interoperability base stations.	\$893,000	\$0
Madison	\$1,997,812	Equipment for new UHF system for Central New York radio consortium.	\$1,997,812	\$0
Nassau	\$877,729	Radios for local PDs/other responders to use county radio system, and other multiband radios for supervisors to communicate with Suffolk County.	\$877,729	\$0

County	Award Amount	Brief Project Description	Reimbursed	Balance
Niagara	\$2,000,000	Is in the process of building a new UHF digital radio system. They will utilize their award to purchase subscriber radios, upgrade a tower site and refresh their PSAP.	\$2,000,000	\$0
Onondaga	\$331,446	Replacing non-compliant EMS ("MED Channel") equipment used to contact hospitals for medical reports & direction while en route to hospitals.	\$331,437	\$9
Otsego	\$1,128,000	Installing new radio and microwave infrastructure, National Interoperability base stations.	\$1,128,000	\$0
Schoharie	\$858,000	Installing new radio and microwave infrastructure, National Interoperability base stations.	\$858,000	\$0
Steuben	\$1,523,264	Converting existing system to digital to meet the narrowband deadline and installing National Interoperability base stations. The system upgrades will be keeping pace with neighboring counties and their systems.	\$1,523,256	\$8
Sullivan	\$1,198,000	Installing new radio and microwave infrastructure, National Interoperability base stations.	\$1,179,798	\$18,201
Ulster	\$978,000	Installing new radio and microwave infrastructure, National Interoperability base stations.	\$977,886	\$113
Warren	\$736,938	Implementing a gateway and microwave solution permitting counties to link their systems.	\$735,674	\$1,264
Washington	\$171,500	Implementing a gateway and microwave solution permitting counties to link their systems.	\$171,500	\$0
Total	\$19,999,998		\$19,923,752	\$76,246

SICG Round 2 Summary

As of February 6, 2015

County	Award Amount	Brief Project Description	Reimbursed	Balance
Albany	\$6,000,000	Consolidation and upgrades to existing communication system. Deployment of system and technology to link surrounding regions and improve multi-jurisdictional response.	\$5,700,000	\$300,000
Chautauqua	\$6,000,000	Upgrades to existing VHF and UHF LMR system and radio equipment. Development of SOPs.	\$321,225	\$5,678,774
Chemung	\$6,000,000	Infrastructure and equipment upgrades of existing LMR system. Development of SOPs and training and exercise program.	\$3,601,451	\$2,398,548
Clinton	\$2,152,080	Build-out of a seamless wireless interoperable network for local & state public safety communication. New high speed, high capacity microwave network backbone components & LMR gateway equipment to support interoperability with surrounding counties.	\$0	\$2,152,080
Cortland	\$6,000,000	Infrastructure and equipment for P25 LMR system with full support of multiband interoperability channels. Improvements in coordination and operations with state agencies.	\$5,782,550	\$217,450

County	Award Amount	Brief Project Description	Reimbursed	Balance
Delaware	\$3,404,000	Infrastructure and backbone developments, connectivity with adjacent counties. Development of interoperable infrastructure throughout the consortium.	\$0	\$3,404,000
Erie	\$830,405	Installation of gateway devices. Infrastructure equipment for development of multi-band Interoperable Communication Channels.	\$0	\$830,405
Essex	\$2,251,759	Additional infrastructure development. Expansion of P25 radio system to meet the needs of the consortium, state agencies and public safety agencies. Equipment upgrades and site development. Microwave upgrades to allow all necessary agencies the resources they need to become interoperable.	\$2,184,226	\$67,533
Genesee	\$5,435,095	Upgrade of existing 800 MHz system from a proprietary analog system to a fully digital, P25 system, with P25 Inter Radio Frequency Sub-System Interface (ISSI) interoperability and AES encryption for select users. New tower that will provide additional coverage in Genesee County and also serve as the gateway location for consortium partners to tie into Genesee County as a phased approach to allow roaming within the consortium.	\$5,435,095	\$0

County	Award Amount	Brief Project Description	Reimbursed	Balance
Madison	\$4,194,189	Develop additional capacity and improvements for existing radio system. Expansion of interoperability amongst local, regional, and tribal mutual aid. Formalize governance and implement standard operating procedures within and between counties and other agencies.	\$2,869,990	\$1,324,199
Monroe	\$5,468,173	Enhancements to radio coverage and interoperability with surrounding counties and on the international border. Improvements in SOPs. Training and exercise programs.	\$2,112,212	\$3,355,961
New York City	\$3,543,309	Infrastructure and backbone developments and improvements. Build out of VHF National Interoperability Channels in addition to existing capabilities. Development of SOPs for wide area of interoperability.	\$3,324,491	\$218,818
Niagara	\$742,164	Implementation of additional end user equipment and technology to enhance the County's infrastructure. Additional radio equipment to enhance communications capabilities in larger structure incidents.	\$316,048	\$426,116
Onondaga	\$4,959,000	Infrastructure upgrades. Conversion to standard encryption protocols. Enhancements in training and the creation of a Field Operations Guide (FOG).	\$4,189,356	\$769,644

County	Award Amount	Brief Project Description	Reimbursed	Balance
Ontario	\$2,202,885	Additional base stations to implement 700 MHz interoperability channels. Deployment of VHF base stations, providing the county with access to the primary dispatch frequencies of surrounding counties.	\$172,470	\$2,030,415
Orange	\$5,998,000	Microwave infrastructure solution to inter-connect to Hudson Valley Interoperability Communications Consortium (HVICC). Extension 700/800 MHz P-25 radio communications solution. Utilization of National, State & local public safety channels. Creation of Governance and Standard Operating Procedures & Protocols within the HVICC, including training, exercises and regional emergency responses which require inter-county public safety communications.	\$196,278	\$5,801,722
Orleans	\$2,000,000	Infrastructure and backhaul development. Improvements in governance, SOPs, and training programs to promote interregional communications.	\$1,878,920	\$121,080
Rensselaer	\$5,066,512	Implementation of National Interoperability capabilities in the county's infrastructure. Develop governance, SOP's and training standards.	\$2,117,211	\$2,949,301
Rockland	\$5,500,000	Infrastructure development, microwave connectivity and radio equipment to implement National Interoperability Channels.	\$1,883,000	\$3,617,000

County	Award Amount	Brief Project Description	Reimbursed	Balance
Schoharie	\$433,500	Microwave connectivity and network equipment. Development of governance and interoperability channels.	\$0	\$433,500
Schuyler	\$4,271,900	Infrastructure development, implementation of VHF and UHF National Interoperability channels, development of radio system that supports all public safety providers, from local and state agencies.	\$1,855,134	\$2,416,766
Steuben	\$3,169,693	Enhancements to the interoperable communications infrastructure. Development of a long-term interoperable radio plan for fire and EMS services and recommend operating procedures.	\$0	\$3,169,693
Suffolk	\$6,000,000	Infrastructure developments, gateways and other radio equipment to link with neighboring county and other state entities. Development of SOPs.	\$2,915,731	\$3,084,269
Sullivan	\$841,833	Infrastructure and backbone developments, connectivity with adjacent counties. Development of interoperable infrastructure throughout the consortium.	\$5,850	\$835,983
Tioga	\$2,342,000	Infrastructure development, microwave connectivity. Development of SOPs and implementation of training and exercise programs.	\$0	\$2,342,000

County	Award Amount	Brief Project Description	Reimbursed	Balance
Tompkins	\$2,854,312	Expansion of Radio Communications System to establish interoperability with adjoining counties/regions. Installation of base stations for National Mutual Aid Channels for UHF, VHF and 800MHz; build-out of tactical repeaters through the current and expanded microwave system; and deployment of UHF U-Call and tactical channels to facilitate communications with adjoining counties. Formalization of governance relationships on an inter-county multi-region basis and training.	\$0	\$2,854,312
Wayne	\$2,036,700	Improvements to the County's radio infrastructure. Development of the national interoperable channels. Development of governance, training and exercise documents.	\$1,411,389	\$625,311
Wyoming	\$1,771,236	Microwave connectivity and infrastructure equipment. Implementation of National Interoperability Channels.	\$1,274,895	\$496,341
Yates	\$531,255	Addition of VHF, UHF and 700/800MHz interoperability channels. Infrastructure improvements. Development of SOPs, training and exercise programs.	\$393,747	\$137,508
Total:	\$102,000,000		\$49,941,269	\$52,058,730

SICG Round 3 Summary

As of February 6, 2015

County	Award Amount	Brief Project Description	Reimbursed	Balance
Allegany	\$5,951,039	The proposed project is to add eight tower locations to the current six in use today. There are significant gaps in coverage that the additional towers will enhance and at the same time allow our county the ability to have a direct "microwave link" to all of our surrounding county radio systems. This will include the counties we border in the State of Pennsylvania, who also operate on a "microwave IP based system" providing interstate communications. The additional towers will allow for future growth of an IP microwave system that will lead us toward a fully P25 based system that has adequate coverage, capacity and reliability across the entire jurisdiction of the county during both normal and emergency operations.	\$34,188	\$5,916,851

County	Award Amount	Brief Project Description	Reimbursed	Balance
Broome	\$6,000,000	The purpose of this project is to provide infrastructure and networking capabilities for interoperable communications for all agencies operating in and around Broome County. To support interoperable communications, including National Interoperability Channels, this project includes the build out of additional tower sites and microwave connectivity to four surrounding counties. This project will include upgrades to both the PSAP Call Taking Processing Equipment and Radio Console Equipment ensuring continuity of operations and interoperability in the region. Broome County, in conjunction with the Southern Tier Consortium, will implement and exercise National Interoperability SOPs and establish MOU's between the counties and local agencies.	\$59,095	\$5,940,905

County	Award Amount	Brief Project Description	Reimbursed	Balance
Cattaraugus	\$6,000,000	Cattaraugus County has begun work on an ASTRO P25 VHF Trunking Communications System designed by Motorola. The system will inner connect all disciplines county wide as well as inner connect with our consortium partners in an effort to provide flexibility in tailoring the features and functionalities to satisfy the unique operational needs of fire, EMS, and police first responders (SCIP Goal 2.1.3.3). This proposal will modify existing SOP's to improve incident response (SCIP Goal 2.1.3.2) and establish a governance board of all stake holders to coordinate interoperable communications initiatives (SCIP Goal 2.1.3.1). The proposed System will provide the required 95% mobile coverage using a frequency-efficient digital IP simulcast design.	\$0	\$6,000,000

County	Award Amount	Brief Project Description	Reimbursed	Balance
Cayuga	\$5,251,690	The project includes infrastructure to meet National Interoperability with UTAC, VTAC, 8TAC equipment (SCIP 5.4.1); replace legacy consoles at the PSAP backup center (SCIP 5.3.1); enhance infrastructure protection with monitored surveillance equipment; upgrade to non-proprietary P-25 AES encryption (SCIP 5.3.1); close gap in PSAP recording capabilities to preserve communications platforms (SCIP 5.3); upgrade PSAP phone system to a NG-911 system and enhance/improve internal capabilities and consortium interoperability (SCIP 5.3.2); add redundancy and infrastructure to the radio system to enhance interoperability with NY State and mutual aid partners (SCIP 5.4.2 & 5.10); improve governance structure and formalize SOPs (SCIP 6.2 & 6.3).	\$30,635	\$5,221,055
Franklin	\$3,407,921	The overall goal of the project is the continued build out of the Franklin County Radio Interoperability Project. This project will give the fire, EMS, police and emergency personnel serving their community the ability to communicate during emergency situations.	\$899,632	\$2,508,289

County	Award Amount	Brief Project Description	Reimbursed	Balance
Fulton	\$2,327,780	Fulton County seeks funds for a build-out of our current communications infrastructure. This multi-faceted project will further the goals of the New York State SCIP Plan and address SAFECOM guidance. Adding additional equipment to our infrastructure will extend the microwave backbone initiated by the Adirondack Regional Interoperable Communications Consortium (ARICC) that has grown to 11 counties that include Essex, Clinton, Franklin, Fulton, Hamilton, Herkimer, Montgomery, Saratoga, St. Lawrence, Warren and Washington). Our project will provide enhanced seamless interoperable communications throughout all public safety disciplines (police, fire, EMS) within the consortium and provide a road map for future linking of adjoining consortiums.	\$237,903	\$2,089,877
Hamilton	\$2,530,385	The overall goal of this project is to replace Hamilton County's communication equipment to provide the capability for interoperability within the county emergency services, with the ten other counties within our consortium, and with state agencies including DHSES. The current equipment was donated to Hamilton County after the 1980 Olympics in Lake Placid and is unable to support the requirements of our interoperability consortium. The goal is to update this equipment to meet SAFECOM requirements and provide interoperable communications as required by state and federal agencies. Section 1.3 of the narrative covers specific SCIP and SAFECOM standards to be addressed.	\$86,203	\$2,444,182

County	Award Amount	Brief Project Description	Reimbursed	Balance
Herkimer	\$899,462	Herkimer County proposed project is to expand our current RF Coverage, Improve our current Microwave System and link the system into the Adirondack Consortium to the east and also into the Central NY Consortium to the west. The SICG would supply Herkimer County with a P25 VHF Trunking Backbone and would also greatly improve interoperability by installing National Interoperability Frequencies at our main communications sites. Herkimer County would also install an enhanced Communications Dispatch System at our County Dispatch Center.	\$0	\$899,462
Jefferson	\$6,000,000	Jefferson County's proposal provides for interoperable communications among public safety responders (Police, Fire, EMS, Highway) within Jefferson County as well as the contiguous member Counties of the Central New York Interoperable Communications Consortium. This proposal includes the construction of ten tower sites (out of 15 potential sites) with microwave connectivity between the sites and three neighboring counties and includes infrastructure to provide for the installation of the national interoperability communications channels at three of the ten sites and a County- provided open standards-based Project 25 (P25) regionally integrated, trunked land mobile radio network (TLMR).	\$0	\$6,000,000

County	Award Amount	Brief Project Description	Reimbursed	Balance
Lewis	\$6,000,000	Construct a new regional 11 site, UHF band, P25 compliant, digital simulcast multijurisdictional LMR system for public safety use providing 95% county-wide portable & mobile radio coverage including a VHF paging system, microwave system, dispatch consoles & subscriber equipment compatible with neighboring CNYICC consortium systems. Integrate with local, state, tribal & federal agency systems. Develop and formalize governance/SOPs consistent with SWIC, NECP, NIMS, SAFECOM, PPD-8, update TICP, use CASM, to promote efficient interregional communications interoperability and cooperation. Verify capabilities and identify gaps through NIMS & HSEEP compliant training & exercises. (SCIP pp. xi-xiii, 25-38, 69,82; SAFECOM pp. 7-12,13-14,16-17,22-41)	\$864,510	\$5,135,490
Livingston	\$5,994,854	The County will develop a regional interoperable voice and data IP communications system that provides seamless first responder communications in a seven county area pursuant to NYS SCIP Section 2.1.3.3 (p25) and SAFECOM Priorities 4 and 5 (p7-8). The project will support every user in the County and interface with the six contiguous counties. Any state, federal or local emergency personnel using VHF, UHF, 700 or 800 radios will be able to be patched into the County's system. The project includes development of SOPs and training and exercises that support implementation of the new upgraded system and promote efficient interregional coordination and first responder readiness.	\$6,919	\$5,987,935

County	Award Amount	Brief Project Description	Reimbursed	Balance
Montgomery	\$1,685,554	Montgomery's SICG project enhances the capabilities of PSIC equipment to eleven contiguous counties (Montgomery, St. Lawrence, Franklin, Clinton, Essex, Hamilton, Warren, Washington, Fulton, Saratoga and Herkimer throughout all public safety responder disciplines (police, fire, EMS) by allowing dispatchers to monitor an incoming vehicle when being summoned without having to be engaged on a specific channel and eliminating the human component of selecting tower sites. The ability to share microwave systems and have connectivity by all of these counties will enhance the interoperability communications for all agencies therefore supporting the goal of this Adirondack Interoperable Communication Consortium and the Department of Homeland Security.	\$767	\$1,684,787
Oswego	\$6,000,000	To complete the build-out of Oswego's federally established interoperability channels, establish connectivity between consortium counties, harden existing connectivity and TLMR assets, remove proprietary encryption for law enforcement, strengthen governance, training and execution of interoperable tactics within the region and to explore options and alternatives to multiple PSAPs by developing a plan for future growth and sustainability.	\$1,350,908	\$4,649,092

County	Award Amount	Brief Project Description	Reimbursed	Balance
Saratoga	\$2,280,500	Saratoga County is the gateway to the NY Capital District area from the counties north to the Canadian border and as such the county can serve as a critical partner in the expansion of interoperability to the counties surrounding the Capital District. Saratoga County has invested heavily with its own capital funding to implement a new 800 MHz. Radio system with multiple capabilities including digital P25 standards. Additionally the county has developed a 150MBs. digital microwave ring at 6 GHz. at multiple locations across the county. The county seeks to leverage those assets against potential grant dollars for access to the Adirondack Interoperability Consortium network by the implementation of new microwave paths to other members.	\$0	\$2,280,500
Seneca	\$6,000,000	Seneca's project will meet three goals: a) establish county-wide interoperable communications (IC); b) establish regional IC capability with the Finger Lakes Region New York Interoperable Communication Consortium and Cayuga County; and c) establish, develop, and formalize the governance framework and specific local agency SOPs for IC with one another and our regional and State agency partners. This project will build a three-tower county-wide conventional digital UHF simulcast radio system, including the purchase of new UHF mobile/portable radios for all Fire, EMS, and Law Enforcement agencies in Seneca County. In addition, it will allow for future expansion of the radio system to add other jurisdictions, trunking, and enhanced coverage.	\$676,604	\$5,323,396

County	Award Amount	Brief Project Description	Reimbursed	Balance
St. Lawrence	\$2,679,690	St. Lawrence County seeks funds for both planning and build-out of public safety communication infrastructure. This multi-faceted project will further the SCIP and address SAFECOM guidance. Build-out will extend the microwave backbone initiated by the Adirondack Regional Interoperable Communications Consortium (ARICC) and provide connectivity with the Central New York Interoperable Communications Consortium (CNYICC). The County will move to NG911 and make updates to bridge intra- and inter-operability gaps. The planning portion of this project will provide a roadmap for the future as the County considers options for communications technology delivery platforms and best practices for ensuring interoperability with both consortiums.	\$278,227	\$2,401,463

County	Award Amount	Brief Project Description	Reimbursed	Balance
Westchester	\$5,991,125	Westchester County is committed to following the guidance of SAFECOM and the NYS SCIP by building out infrastructure to support communication via VCALL/VTAC and 7CALL/7TAC National interoperability channels (NYS SCIP P. 110 10/31/11) and by enhancing the reliability of intra- and inter-County communication through construction of a Countywide and inter-County microwave backbone (SAFECOM Guidance Page 32 FY2013) to support interoperable communication systems. The projects will leverage the County's existing communications infrastructure and regional consortium partnerships to build robust systems to support interoperable communication for law enforcement, fire, EMS and emergency management in and around the County.	\$0	\$5,991,125
Total:	\$75,000,000		\$4,525,591	\$70,474,409

2012 PSAP Grant Summary

As of February 6, 2015

County	Award Amount	Brief Project Description	Reimbursed	Balance
Allegany	\$155,954	This project will provide the County equipment for i3 based SIP technology enhancing telephony that will include text messaging and video conferencing. As a Voice over IP (VoIP) system the equipment that will be installed at the Primary and Backup Centers will allow for 'Hot Standby' redundancy. It will also allow for remote access using a Virtual Private network (VPN) from a mobile command point or in the event both the primary and backup centers must be evacuated. Aurora statistics software will ensure that all call counts and types are reported accurately and concisely.	\$0	\$155,954
Broome	\$988,662	Comprehensive upgrade of the Broome County Public Safety CAD system while simultaneously enabling a virtual consolidation of dispatch and records management between the Broome County PSAP and Binghamton University.	\$675,122	\$313,540
Cattaraugus	\$199,918	Upgrade of Licensed Standard Software along with the replacement of all required hardware to complete the upgrade. Replacement of servers that house CAD data and the upgrade of all product software. Large training program for dispatch staff on the use and new functionalities. Access of the MSP system to all local law enforcement agencies.	\$199,918	\$0

County	Award Amount	Brief Project Description	Reimbursed	Balance
Chautauqua	\$93,515	The consolidation of the two centers into one, merging data sets, interconnecting radio, phone, alarm, and controls, updating operating procedures.	\$48,001	\$45,514
Chenango	\$74,051	Purchase 2D aerial imagery application/software to enhance the response capabilities of first responders.	\$0	\$74,051
Delaware	\$179,210	Hosted CAD solution to be shared among multiple counties within the Catskill Consortium. Infrastructure to support a common CAD and Mapping platform for the Catskill Consortium members.	\$0	\$179,210
Dutchess	\$63,892	Evaluation, design and implementation of electrical service upgrade to meet increased demands of technology in PSAP.	\$0	\$63,892
Erie	\$967,981	The ongoing system design replaces separate and distinct local PSAPs with a single networked PSAP and backup center. This design consolidates server hosting and 911 trunk delivery and provides a robust interconnected network to deliver calls to remote workstations. Enhancements to the county wide CAD system to facilitate multi-jurisdictional / multi discipline dispatch.	\$0	\$967,981
Franklin	\$365,000	Consolidation of the secondary PSAP's in Franklin County with Primary PSAP.	\$354,665	\$10,335

County	Award Amount	Brief Project Description	Reimbursed	Balance
Hamilton	\$144,472	Equipping the Primary PSAP in Hamilton County to be a joint back-up facility for any other county within the Adirondack Regional Interoperability Consortium.	\$0	\$144,472
Jefferson	\$295,524	Upgrade 9-1-1 Telephony system at both the primary and back-up PSAP's in order to be prepared for NG-911 and to allow for interoperability between 9-1-1 systems of neighboring County and Federal PSAPs based upon Internet Protocol (IP) technology.	\$0	\$295,524
Lewis	\$808,615	Lewis County will implement new Computer-Aided Dispatch and Next-Gen compliant telephone systems for its PSAP. The county will partner with Jefferson and St. Lawrence Counties, each of which will use the same phone and CAD systems, to provide 911 backup and enhance interoperability.	\$99,563	\$709,052
Livingston	\$305,767	Upgrading the existing Radio Dispatch Consoles at both the Primary and Back Up PSAPs to a matched IP based system, establish a microwave IP link between the Primary PSAP, Back Up PSAP as well as establish microwave IP links to all radio transmitters and receivers.	\$0	\$305,767
Niagara	\$620,000	Upgrading PSAP dispatch software.	\$526,770	\$93,230

County	Award Amount	Brief Project Description	Reimbursed	Balance
Onondaga	\$187,591	Updating County's GIS centerline files and computer-aided dispatch (CAD) system. Procurement of the necessary network storage devices to store/process the images/layers both from the CAD system and independently.	\$0	\$187,591
Orleans	\$133,090	Replacement of 911 call-center system and equipment with next generation technology.	\$133,090	\$0
Oswego	\$836,009	Construct a proposed telephone network with the capacity to seamlessly communicate with a system in Cayuga County, acting as a redundant resource in call processing, routing of overflow call volume and facilitate the efficient use of any combination of resources to effectively answer an emergency call.	\$547,311	\$288,698
Otsego	\$866,051	Provide a hosted CAD solution to be shared among multiple counties within the Catskill Consortium. Provide an infrastructure to support a common CAD and Mapping platform for the Catskill Consortium members.	\$26,866	\$839,185
Rensselaer	\$17,823	Rensselaer County is working with the Capital Region UASI to partner in the development of an interoperable CAD/RMS System. This CAD/RMS System is hosted by the City of Albany and has shared infrastructure for Albany, Rensselaer and Schenectady Counties. Rensselaer County will replace its obsolete CAD system with the installation of this new technology.	\$17,823	\$0

County	Award Amount	Brief Project Description	Reimbursed	Balance
Suffolk	\$250,381	The project will consist of Suffolk County upgrading the existing Pictometry Oblique and Ortho Imagery so that our Public Safety Operations will have the most current aerial and oblique views of Suffolk County.	\$0	\$250,381
Sullivan	\$799,000	Consolidate existing primary and backup E911 telephone system technology which is nearing end of life.	\$298,047	\$500,953
Tioga	\$28,711	Enhance PSAP's capability to record all emergency communications. This goal will be achieved by the upgrade of our current recording software to a new version.	\$28,711	\$0
Warren	\$425,000	Implementation of a joint back-up PSAP facility for use by both Warren and Washington Counties in the event of a failure of either primary PSAPs. This facility will not be located in the same location as either of the primary PSAPs.	\$0	\$425,000
Wayne	\$193,783	Equipment necessary to couple with the Wayne County Public Safety Radio Interoperability Project, to form a complete, updated radio system. Replacement of Radio Dispatch Electronics, while increasing capacity; Replacement of Dispatch Center Workstations; Replacement of 911 Center Logging Recorder with a NG-911 capable unit.	\$193,529	\$254
Totals	\$9,000,000		\$3,155,711	\$5,844,289

2013 PSAP Grant Summary

As of February 6, 2015

County	Award Amount	Brief Project Description	Reimbursed	Balance
Broome	\$89,253 Sustainment	Upgrading its New World Systems CAD. Consolidation will result in improved 911 call and resource management, and provide interoperable dispatch between the County and Binghamton University PSAPs. They seek funding for additional training expenses, computer and microwave hardware and related expenses not previously applied for. Training and equipment is critical to the successful implementation of the project.	\$0	\$89,253
Cattaraugus	\$89,253 Sustainment	Major upgrade to the current NICE Recording system. The latest NICE Inform system is NG9-1-1 Ready. The recording platform can record analog, digital, and VoIP traffic. NICE Systems is releasing its NENA i3 compatible logging interface for this system in 2014, which will support Text-to-9-1-1 capability.	\$0	\$89,253
Cayuga	\$584,234 Both Consolidation and Sustainment	Implement a new CAD, RMS, and Mobile system. These replacements will enhance's service, reliability and safety for State and local agencies. Utilizing RMS will eliminate disparate systems and improve secure records access.	\$0	\$584,234

County	Award Amount	Brief Project Description	Reimbursed	Balance
Chautauqua	\$89,253 Sustainment	<p>This funding request will offset the charges by the local Telco for the circuits that deliver both landline and wireless 911 calls to the 911 Center. These charges were previously funded under the former NYS Local Enhanced Wireless 911 program.</p> <p>The goal in this project is to continue to provide the best 911 services to the residents of Chautauqua County by partially funding the day to day operational cost involved with the 911 circuits.</p>	\$0	\$89,253
Chemung	\$487,869 Consolidation	<p>Upgrading their radio communications system to a digital microwave network. They will share a tower with Schuyler County, allowing each County PSAP to serve as a radio back up for the other. The Vesta 4.0 system, because it is IP based, will also be carried on this radio network giving Schuyler and Chemung County access to each County's phone systems. This interoperability does not exist with the current phone system which is at end of life.</p>	\$0	\$487,869
Clinton	\$83,738 Sustainment	<p>The project is a planned replacement of 9-1-1 telephone system hardware and software. The CPE hardware is over five years old and will not support newer upgraded Windows OS platforms.</p>	\$0	\$83,738

County	Award Amount	Brief Project Description	Reimbursed	Balance
Columbia	\$62,477 Sustainment	Replace a 911 logging recorder capable of Next Generation logging text to 911. The existing recorder has been in service since 2007 and is no longer supported by the manufacturer. The new recorder and NAS server will be placed into service at the Columbia County 911 Backup Center.	\$0	\$62,477
Cortland	\$89,253 Sustainment	Purchase the ESRI licenses to support new Spillman CAD system. This will sustain their ability to interface with other internal GIS data sources as well as GIS sources from other counties and jurisdictions. Work within the Street Address Mapping Standard (SAM) guidelines to ensure that New York State will have access to a high quality end product used for purposes such as disaster response at a regional level.	\$0	\$89,253
Erie	\$299,065 Consolidation	Funds will be used to purchase, configure and install dedicated microwave links between the County and the four major PSAPs in the county.. A full-featured UPS would be added to the 911 backup center. Purchase, install and maintain a high capacity GIS/Pictometry server system shared with all county PSAPs.	\$0	\$299,065
Essex	\$466,305 Consolidation	Essex County is partnering with Troop B of the NYS Police in consolidating all State Police Dispatch in the Troop B Region. Essex County's current technology is at the end of its useful life.	\$0	\$466,305

County	Award Amount	Brief Project Description	Reimbursed	Balance
Genesee	\$89,253 Sustainment	Genesee County will upgrade its NWS public safety software to support the increased data, storage, and disaster recovery requirements. Train users on the new software and applications tailored to both local and regional needs. The county would also update its GIS operating systems, databases; address point data, street layer files, and response agency layers to meet new NENA / APCO NG 9-1-1 location data standards.	\$0	\$89,253
Greene	\$513,497 Consolidation and Sustainment	Replace the outdated 911 equipment with a new geo-diverse controller which will consolidate the three separate units into one redundant system while meeting Next-Gen standards. Reimburse the maintenance operations of all four PSAPs in our jurisdiction. Sustain the 911 telephone equipment, computer aided dispatch equipment and the uninterrupted power supply in the county 911 center as well as the three PSAP locations.	\$0	\$513,497

County	Award Amount	Brief Project Description	Reimbursed	Balance
Livingston	\$89,253 Sustainment	Replacement and upgrade of computers, monitors, and software licenses at the Primary and Secondary PSAP locations, a multi-functional copier at the Primary PSAP; computers, monitors, server, and power supplies in the mobile command center; a plotter/scanner for printing and scanning maps used for PSAP support services located in the Planning Department; two additional new laptops for administrative monitoring of day-to-day PSAP operations, and, a Time Warner Cable (TWC) internet installation upgrade at the Sheriff's Office.	\$14,004	\$75,249
Madison	\$89,253 Sustainment	Sustainment of network connectivity for Madison County's use of the Central New York Interoperable Communications Consortium (CNYICC) Master Site for regional interoperability.	\$0	\$89,253
Monroe	\$89,240 Sustainment	Replacement of Monroe County's 911 workstations. This project will set the foundation for migration to NG911 as Monroe County 911 will be equipped with hardware infrastructure.	\$0	\$89,240
Nassau	\$89,253 Sustainment	Sustainment of the County's 911 operations. Specifically replace the existing UPS equipment that is at the end of its useful life with modern UPS equipment with technologically advanced features that allow for integrated monitoring features.	\$0	\$89,253

County	Award Amount	Brief Project Description	Reimbursed	Balance
Niagara	\$82,387 Sustainment	Sustainment of existing technology becomes an even more pressing requisite as Niagara County became the PSAP for NYS Police Troop A Zone 1. As the conversion from home phones (land lines) to cell phones grows at an ever-increasing rate, the answering of cell calls, a large number from the three neighboring counties and Canada, will place an even greater demand on the technology and personnel within the Niagara County network.	\$0	\$82,387
NYC	\$500,000 Consolidation	This project will integrate an AVL solution with the CAD system. The NYPD will procure and implement AVL to establish and enhance citywide command and control of responding NYPD resources, and in the future, other City, State and Federal first responders.	\$0	\$500,000
Oneida	\$405,563 Consolidation	Due to the merger of the Town of New Hartford PSAP, the Oneida County PSAP, and the City of Utica PSAP specific equipment items are needed to facilitate seamless operations in dispatch. New servers required since the existing ones are being taxed due to the increased volume of 911 phone calls and radio traffic, activity lights at dispatch and call taker positions that indicate in-progress phone and radio transmissions, software improvements, equipment for a 911 call queue monitor.	\$0	\$405,563

County	Award Amount	Brief Project Description	Reimbursed	Balance
Ontario	\$25,705 Sustainment	Utilize a third-party vendor, TCS Solutions, to provide the ability for the 911 Center to receive and respond to text messages from those citizens who utilize cellular devices from any of the four major cell providers in the region. Also purchase one smart board and laptop to more effectively provide trainings, including mandatory trainings, to our internal staff as well as staff members of surrounding county PSAPs.	\$0	\$25,705
Otsego	\$500,000 Consolidation	Enhance the PSAP by replacing the current analog 9-1-1 telephony system with a geodiverse (multi-site) telephony system that will provide fully integrated call handling that will facilitate bidirectional dispatch processes. This system will enable the primary PSAP to establish simultaneous communications connections with geographically remote PSAPs, including the secondary PSAP, and the PSAP in neighboring Delaware County. Geodiverse telephony provides the best flexibility in 9-1-1 redundant communications by allowing instantaneous transfer of 9-1-1 calls between PSAPs with automatic location and number identification.	\$0	\$500,000
Putnam	\$89,253 Sustainment	Replace the existing outdated radio consoles in the Putnam County 911 Dispatch Center and backup site with a new P25 standards based platform and the NG-911 architecture. The Motorola MCC-7500 IP Based Dispatch Console system was selected as a replacement.	\$0	\$89,253

County	Award Amount	Brief Project Description	Reimbursed	Balance
Rensselaer	\$473,793 Sustainment	<p>Installation of a Point to Point Microwave connecting Rensselaer County to the Albany City Police Master Site for the CAD/RMS System. This microwave is established at the Rensselaer County 911 Center, Rensselaer County Office Building and City of Troy Police Station. This grant application seeks maintenance costs for the year.</p> <p>Rensselaer County is a partner with the Capital District Consortium in the implementation of this interoperable Hi Tech CAD/RMS System. This CAD/RMS System is hosted by the City of Albany and has shared infrastructure for Albany, Rensselaer and Schenectady Counties. Rensselaer County has replaced its obsolete Emergitech CAD system with the installation of this new technology. This new technology provides an efficient inter-municipal platform for interoperability.</p>	\$0	\$473,793

County	Award Amount	Brief Project Description	Reimbursed	Balance
Rockland	\$89,253 Sustainment	Implement a new smartphone application, The PulsePoint, allows ordinary citizens trained in cardiopulmonary resuscitation (CPR) and willing to assist in the event of an emergency to be notified if someone nearby is having a cardiac emergency and may require CPR. Upon receiving a 9-1-1 call reporting an unconscious or unresponsive person likely needing CPR the 9-1-1 dispatcher simultaneous with the dispatch of advanced medical care will trigger an alert to all nearby citizens who have installed the PulsePoint application on their smartphone. When alerted, the application identifies the receivers current location, the location of the victim, and the location of any nearby Automated External Defibrillators (AEDs).	\$0	\$89,253

County	Award Amount	Brief Project Description	Reimbursed	Balance
Saratoga	\$587,162 Consolidation and Sustainment	Consolidate with several towns including: City of Mechanicville, the City of Saratoga Springs and Waterford. Service will be improved by having one PSAP. Purchase enhanced GIS mapping capabilities and NEXTGen911 Software, 9-1-1 telephone equipment, ALI displays, call accounting equipment, record management systems and Microwave backhaul connectivity. Focus on upgrades necessary on the PSAP workstations both at our primary PSAP and backup PSAP including the replacement of all non-Windows 7 workstation computers, replacement and reconfiguring of all workstations computer monitors to include additional monitors at each position for dispatching and tracking calls for service and providing enhanced GIS based mapping capabilities. Upgrade and replace the hardware used by Desk Officers for interfacing with the 911 and radio system.	\$0	\$587,162
Schenectady	\$89,253 Sustainment	Pay for the ongoing cost of Data Tie Lines that connect the current four PSAPs which are being consolidated to the New County Unified Communications Center. This method of connection is only temporary as the County is applying for a Microwave Backbone which replaces this monthly recurring cost. Pay for the ongoing maintenance to the 911 Phone System. Schenectady County currently uses. This is the same 911 Phone System as Albany County which will be the backup center for Schenectady County.	\$0	\$89,253

County	Award Amount	Brief Project Description	Reimbursed	Balance
Seneca	\$496,000 Consolidation	The proposed project will migrate the stand-alone legacy systems of Yates and Seneca counties to a sustainable, standards-based call taking platform that will be shared. The two County PSAPs will be interconnected to support geo-diverse call-routing of 911 callers by redirecting calls and corresponding data to either PSAP in the event that a facility is compromised. A user-friendly interface with highly configurable management capabilities will enhance 911 call taking, switching, rerouting and recording operations, stream lining overall workflow and call processing.	\$0	\$496,000
St. Lawrence	\$62,522 Sustainment	Purchase, install, provide training to dispatchers, and maintain the ProQA Fire Priority Dispatch System (FPDS) software. Integration of these protocols into day-to-day PSAP operations will ensure dispatch of the most appropriate responders and equipment, improve overall response time and enhance safety at the scene. Program maintenance and Quality Assurance/Quality Improvement protocols are part of the software design.	\$0	\$62,522

County	Award Amount	Brief Project Description	Reimbursed	Balance
Sullivan	\$584,887 Consolidation and Sustainment	Consolidation of microwave connectivity both inter and intra County for not only Sullivan County's Public Safety Communication System but also those of our partner agencies including the New York State Police. This consolidated microwave network will also provide the opportunity for broadband initiatives from the NYS Broadband Office and the NTIA FirstNet program to utilize bandwidth within our future microwave network – eliminating the need for disparate microwave systems throughout Sullivan County. Our project goals include several PSAP upgrades.	\$0	\$584,887
Tompkins	\$500,000 Consolidation	Tompkins County will design, seek proposals, install and implement a 911 telephone system that links to an adjacent county's PSAP; eliminate the duplicative and outdated back-up center within the county; and establish and implement operating protocols and procedures that provide for the seamless movement of 911 telephone traffic on an overflow or emergency basis to a fully staffed back-up site in Cortland County. Current back-up and overflow processes and technologies are limited and subject to loss of calls and delayed processing.	\$0	\$500,000

County	Award Amount	Brief Project Description	Reimbursed	Balance
Ulster	\$89,253 Sustainment	The project is two faceted. One is to provide comprehensive maintenance and updates on our NG 911 phone system, the other is to maintain a computer aided dispatch / records management system for the emergency services. Both of the systems are currently in place and must be sustained to ensure appropriate public access to emergency services, and a mechanism for those services to provide efficient and effective response capacity. This sustainment grant will allow us to guarantee these services.	\$0	\$89,253
Washington	\$500,000 Consolidation	Project will provide the 911 Center / PSAP with a NextGen 911 system, including phone RMS, replacing the current 9 year old 911 system that has reached its end of life. Additionally we will be sharing both equipment and resources, with our neighboring PSAP in Warren County, deploying a Geo-Diverse telephony solution. Funding will also ensure the upgrade of our interoperable dispatch console equipment to replace our 14 year old current equipment which has reached both its end of life and extent of available resources.	\$0	\$500,000
Wayne	\$89,253 Sustainment	Replacement of the primary 911 Center Logging Recorder with a NG-911 capable unit, supported by its manufacturer and replacement of the backup 911 Center Logging Recorder, that is currently non-operational, with a NG-911 capable unit, supported by its manufacturer.	\$0	\$89,253

County	Award Amount	Brief Project Description	Reimbursed	Balance
Yates	\$555,267 Consolidation and Sustainment	The proposed project will migrate the stand-alone legacy systems of Yates and Seneca counties to a sustainable, standards-based call taking platform that will be shared. The two County PSAPs will be interconnected to support geo-diverse call-routing of 911 callers by redirecting calls and corresponding data to either PSAP in the event that a facility is compromised. A user-friendly interface with highly configurable management capabilities will enhance 911 call taking, switching, rerouting and recording operations, stream lining overall workflow and call processing.	\$0	\$555,267
Totals	\$9,000,000		\$14,004	\$8,985,996

2014-15 PSAP Operations Grant Summary

As of February 6, 2015

County	Award Amount	Reimbursed	Balance
Albany	\$205,465	\$0	\$205,465
Allegany	\$165,914	\$0	\$165,914
Broome	\$200,182	\$0	\$200,182
Cattaraugus	\$179,784	\$0	\$179,784
Cayuga	\$168,619	\$0	\$168,619
Chautauqua	\$188,236	\$0	\$188,236
Chemung	\$180,464	\$0	\$180,464

County	Award Amount	Reimbursed	Balance
Chenango	\$174,953	\$0	\$174,953
Clinton	\$153,949	\$0	\$153,949
Columbia	\$160,221	\$0	\$160,221
Cortland	\$174,670	\$0	\$174,670
Delaware	\$117,264	\$0	\$117,264
Dutchess	\$169,410	\$0	\$169,410
Erie	\$210,388	\$0	\$210,388
Essex	\$181,398	\$0	\$181,398
Franklin	\$181,880	\$0	\$181,880
Fulton	\$194,039	\$0	\$194,039
Genesee	\$178,771	\$0	\$178,771
Greene	\$151,468	\$0	\$151,468
Hamilton	\$165,040	\$0	\$165,040
Herkimer	\$202,926	\$0	\$202,926
Jefferson	\$192,240	\$0	\$192,240
Lewis	\$182,637	\$0	\$182,637
Livingston	\$169,874	\$0	\$169,874
Madison	\$160,933	\$0	\$160,933
Monroe	\$234,317	\$0	\$234,317
Montgomery	\$161,128	\$0	\$161,128

County	Award Amount	Reimbursed	Balance
Nassau	\$140,437	\$0	\$140,437
Niagara	\$189,204	\$0	\$189,204
NYC	\$192,313	\$0	\$192,313
Oneida	\$222,396	\$0	\$222,396
Onondaga	\$195,771	\$0	\$195,771
Ontario	\$153,455	\$0	\$153,455
Orange	\$180,272	\$0	\$180,272
Orleans	\$134,050	\$0	\$134,050
Oswego	\$180,517	\$0	\$180,517
Otsego	\$161,700	\$0	\$161,700
Putnam	\$127,915	\$0	\$127,915
Rensselaer	\$176,560	\$0	\$176,560
Rockland	\$198,875	\$0	\$198,875
Saratoga	\$165,862	\$0	\$165,862
Schenectady	\$167,970	\$0	\$167,970
Schoharie	\$144,752	\$0	\$144,752
Schuyler	\$118,716	\$0	\$118,716
Seneca	\$167,119	\$0	\$167,119
St. Lawrence	\$162,596	\$0	\$162,596
Steuben	\$188,793	\$0	\$188,793

County	Award Amount	Reimbursed	Balance
Suffolk	\$168,290	\$0	\$168,290
Sullivan	\$161,772	\$0	\$161,772
Tioga	\$171,971	\$0	\$171,971
Tompkins	\$150,506	\$0	\$150,506
Ulster	\$162,798	\$0	\$162,798
Warren	\$174,787	\$0	\$174,787
Washington	\$186,194	\$0	\$186,194
Wayne	\$169,703	\$0	\$169,703
Westchester	\$164,751	\$0	\$164,751
Wyoming	\$157,216	\$0	\$157,216
Yates	\$156,569	\$0	\$156,569
TOTALS	\$10,000,000	\$0	\$10,000,000

APPENDIX B – Board Resolutions

STATE INTEROPERABLE AND EMERGENCY COMMUNICATIONS BOARD

**RESOLUTION ADOPTING
BYLAWS OF THE
STATE INTEROPERABLE AND EMERGENCY COMMUNICATION BOARD**

Resolution No. 2014-1210-01

WHEREAS, the State Interoperable and Emergency Communication Board is created by and empowered under Article 6-A of the New York State County Law; and

WHEREAS, the State Interoperable and Emergency Communication Board deems it appropriate to adopt bylaws for the purpose of governance of its activities.

NOW THEREFORE, BE IT RESOLVED, that the State Interoperable and Emergency Communication Board hereby adopts the Bylaws of the Board, with amendment to Article V, Section 1a), renaming the standing committee from “911 Standards Advisory Committee” to “911 Advisory Committee”, a copy of which is attached hereto as Exhibit A.

BE IT FURTHER RESOLVED that this Resolution shall be in full force and effect from December 10, 2014.

ADOPTED and APPROVED by the State Interoperable and Emergency Communication Board at a meeting held on the 10th of December, 2014 at which a quorum was present and voted.

State Interoperable and Emergency Communication Board

BY: Robert M. Barbato
Robert M. Barbato, Chair

New York State
State Interoperable and Emergency Communication Board

BYLAWS

Article I – Authority, Name and Purpose

Section 1. Authority of the Board.

The New York State Interoperable and Emergency Communications Board (hereinafter “SIECB” or “Board”) is an entity established under the jurisdiction of the New York State Division of Homeland Security and Emergency Services pursuant to statute.

Section 2. Name of the Board.

The official name of this body shall be the New York State Interoperable and Emergency Communication Board.

Section 3. Purpose of the Board.

The SIECB is empowered by statute under New York County Law with the following select powers and duties:

1. Make recommendations to the Commissioner of the Division of Homeland Security and Emergency Services on the expenditure of grants and other funding programs related to interoperable and emergency communications;
2. Make recommendations related to the development, coordination and implementation of policies, plans, standards, programs and services related to interoperable and emergency communications, including but not limited to ensuring compliance with federal mandates for interoperable communications and compatibility with the national incident management system;
3. Establish structures and guidelines to maintain interoperable communications planning and coordination at the statewide level;
4. Establish, promulgate and revise standards for the operation of public safety answering points; and
5. Establish guidelines regarding the creation of regionally based radio communications systems compatible with the structures and guidelines consistent with federal mandates and best practices.

Section 4. Annual Report.

The Board shall issue an annual report to the governor, the temporary president of the senate, the minority leader of the senate, the speaker of the assembly, and the minority leader of the assembly on or before March 1st of each year, regarding the board's activities in the previous calendar year.

Section 5. Severability.

If any provision of these Bylaws is determined to be invalid or unenforceable, the remaining provisions of these Bylaws shall still be deemed valid.

Article II – Board Composition

Section 1. (a) Membership.

The Board will consist of 25 selected and appointed members comprised as follows:

One shall be the statewide interoperable and emergency communication coordinator, or his or her designee, who shall be the chairperson of the board; **one** shall be the commissioner of criminal justice services, or his or her designee; **one** shall be the superintendent of the state police, or his or her designee; **one** shall be the adjutant general of the division of military and naval affairs, or his or her designee; **one** shall be the commissioner of the division of homeland security and emergency services, or his or her designee; **one** shall be the commissioner of the department of transportation, or his or her designee; **one** shall be the commissioner of the department of health, or his or her designee; **one** shall be the director of the office of information technology services, or his or her designee; **seven** shall be appointed by the governor; provided, however, that no more than two such appointments made pursuant to this paragraph shall be from the same category of member as provided for in subsection (b) of this section; **five** shall be appointed by the governor upon the recommendation of the temporary president of the senate; provided, however, that no more than one such appointment made pursuant to this paragraph shall be from the same category of members as

provided for in subsection (b) of this section; and **five** shall be appointed by the governor upon the recommendation of the speaker of the assembly; provided, however, that no more than one such appointment made pursuant to this paragraph shall be from the same category of members as provided for in subsection (b) of this section.

(b) The members appointed upon the recommendation of the temporary president of the senate and the speaker of the assembly, and the members appointed by the governor shall have experience with interoperable and emergency communication issues, and shall be representative of chiefs of police, sheriffs, fire chiefs and departments, ambulance service providers, including proprietary or volunteer ambulance services, county 911 coordinators, emergency managers, local elected officials, non-governmental organizations specializing in disaster relief, tribal nation representation, and statewide first responder associations, or representatives of consumer interests. Those appointed members will not be afforded the opportunity to have a designee.

Section 2. Chair of the Board.

The Chair of the Board shall be the Director of the Office of Interoperable and Emergency Communication, or his or her designee, and shall be responsible to preside over all meetings of the Board.

Section 3. Duties of the Chair.

The Chair or his or her designee shall: a) represent the Board in meetings and communications with other organizations and individuals; b) serve as an ex-officio member of all committees; c) act as the spokesperson for the Board on matters relating to policies and positions; and, d) perform such other related duties as necessary and appropriate.

Section 4. Terms and Vacancies.

Each board member shall be appointed for a term of four years and shall expire commensurate with the appointment date. A member may be reappointed for more than one term.

Section 5. Resignation.

A member may resign at any time by written notice delivered in person or sent by mail to the Chair of the Board. Any such resignation shall take effect immediately upon receipt.

Section 6. Compensation.

Members shall only receive reimbursement for actual and necessary expenses incurred by them in the performance of their duties.

Section 7. Administrative Support.

The Office of Interoperable and Emergency Communications shall be responsible for providing administrative and staff support, including but not limited to; 1) maintenance of the SIEC Board roster; 2) Development and distribution of meeting agendas and materials; 3) Facilitating meetings; 4) recording and distribution of meeting minutes; and 5) any other support necessary to carry out the duties of the SIEC Board.

Article III – Meetings

Section 1. Regular Meetings.

Regular meetings shall be held a minimum of four times per calendar year on dates suggested by the Chair, by December of the previous year, and agreed upon by the Board and may be held at such time and place as the Board decides. Notice to include the time, location, and agenda of the meetings shall be given pursuant to the New York State Open Meetings Law.

Section 2. Special and Emergency Meetings.

There may be special and emergency meetings for which the agenda for such meetings shall be limited to the specific issues for which the meeting is called.

Section 3. Quorum.

A majority of the members of the board, then in office, and present, shall constitute a quorum for the transaction of any business by the board.

Section 4. Attendance.

Board members may participate in a meeting, no more than ½ of the meetings held in one year, by videoconference. Participation by videoconference shall constitute presence at such meeting for all purposes including quorum. If participating by videoconference, the participant must make notice of their location pursuant to open meetings law. If participating by audio conference only, the board member will not count as present for quorum nor will they be permitted to vote. A list of all Board members in attendance shall be recorded and maintained by the Board. Guests or persons having relevant knowledge or information may attend and speak as part of the meeting agenda upon acceptance of the meeting agenda by Board or otherwise recognized by the Chair.

Section 5. Proxy Voting.

If a Board member is unable to attend in person, or by videoconference, his or her designee may attend the meeting and vote on behalf of the member, unless they are an appointee not representing a State Agency.

Section 6. Rules of Order.

The meetings and activities of the Board shall be conducted according to Robert's Rules of Order, except as otherwise provided by these bylaws.

ARTICLE IV – Adoption, Review and Amendments

Section 1. Adoption.

The Bylaws of the Board may be adopted or amended at any regular meeting by quorum vote of the total voting membership present.

Section 2. Review and Amendment.

After periodic review or proposal, these Bylaws may be amended or repealed when initiated by a Board member and presented to the SIECB in writing. Copies of the proposed changes will be mailed, either by ordinary mail or electronic mail, to all members in advance of any meeting at which its adoption will be considered. New Bylaws can be adopted, by the vote of the SIEC Board at any meeting of the Board

provided that the agenda of the meeting states that purpose, and is passed by a quorum vote.

ARTICLE V – Committees of the Board

Section 1. Committees, Ad Hoc Committees and Work Groups.

The Board may, by a vote of the majority of the members present, create a permanent committee or temporary workgroup that shall be responsible for conducting business on behalf of the SIECB and shall be responsible to report to the Board. Such committees or workgroups shall have no authority to take formal action on behalf of the Board, except that it may make recommendations to the Board for action. The Board shall have the following standing committees and Working Groups:

- a) 911 Advisory Committee
- b) Communications and Interoperability Working Group (CIWG)
- c) Channel Naming and Use Working Group
- d) Public Safety Broadband Working Group

Section 2. Appointment.

The Board shall appoint members of each committee or workgroup, though such appointment shall not require official action of the Board. Members of the committees or workgroups may consist of non-board members invited to participate by the Board.

ARTICLE VI – Resolutions and Actions of the Board

Section 1. Resolutions.

While not all actions of the Board shall require a resolution, in instances of a formal and significant action of the Board is proposed by a committee or work group of the Board and approved or deemed appropriate by the Chair, a draft resolution shall be placed on the agenda for consideration and voting by the full Board. All approved resolutions authorizing an action shall be signed by the Chair and filed with the minutes of the meeting.

Section 2. Adoption or Amendment of Standards.

Any proposed standards of the Board shall not be subject to Article two of the State Administrative Procedure Act, provided, however, that the Board shall publicly post the proposed standards no later than forty-five days prior to their adoption. Such standards shall be posted in appropriate publications, the State Register and on the Division of Homeland Security and Emergency Services' website. During such forty-five day period, the Board, through the Office of Interoperable and Emergency Communications, shall receive and consider public comment on the proposed standards before adopting final standards. Upon final adoption, those standards adopted pursuant to section 328 of the New York State County Law shall be posted in appropriate publications, the State Register and on the Division of Homeland Security and Emergency Services' website.

STATE INTEROPERABLE AND EMERGENCY COMMUNICATIONS BOARD

**RESOLUTION RECOMMENDING DHSES ADOPTION OF
THE STATEWIDE COMMUNICATION INTEROPERABILITY PLAN (SCIP)**

Resolution No. 2014-1210-02

WHEREAS, the State Interoperable and Emergency Communication Board is created by and empowered under Article 6-A of the New York State County Law; and

WHEREAS, the State Interoperable and Emergency Communication Board deems it appropriate to recommend the adoption of the 2014 revision of The New York Statewide Communication Interoperability Plan (SCIP).

NOW THEREFORE, BE IT RESOLVED, that the State Interoperable and Emergency Communication Board hereby recommends adoption with an edit made to the Completion Date heading to reflect "Estimated Completion Date", a copy of which is attached hereto as Exhibit A.

BE IT FURTHER RESOLVED that this Resolution shall be in full force and effect from December 10, 2014.

ADOPTED and APPROVED by the State Interoperable and Emergency Communication Board at a meeting held on the 10th of December, 2014 at which a quorum was present and voted.

State Interoperable and Emergency Communication Board

BY: 
Robert M. Barbato, Chair

STATE INTEROPERABLE AND EMERGENCY COMMUNICATIONS BOARD

**RESOLUTION ADOPTING
TYPE-III, ALL HAZARDS COMMUNICATION UNIT (COMU) CREDENTIALING
POLICY**

Resolution No. 2014-1015-01

WHEREAS, pursuant to section 328(10) of the New York State County Law, the State Interoperable and Emergency Communication Board is empowered to make recommendations to the New York State Division of Homeland Security and Emergency Services related to the development, coordination and implementation of policies, plans, standards, programs and services related to interoperable and emergency communications; and

WHEREAS, the State Interoperable and Emergency Communication Board deems it appropriate to make a recommendation to the New York State Division of Homeland Security and Emergency Services regarding the credentialing policy in the State of New York.

NOW THEREFORE, BE IT RESOLVED, that the State Interoperable and Emergency Communication Board hereby adopts the recommendation of the State Communications Interoperability Working Group that the Division of Homeland Security and Emergency Services implement the credentialing policy regarding the Type-III, All Hazards Communications Unit in New York State, a copy of which is attached hereto as Exhibit A.

BE IT FURTHER RESOLVED that this Resolution shall be in full force and effect from October 15, 2014.

ADOPTED and APPROVED by the State Interoperable and Emergency Communication Board at a meeting held on the 15th of October, 2014 at which a quorum was present and voted.

State Interoperable and Emergency Communication Board

BY: Robert M. Barbato
Robert M. Barbato, Chair

APPENDIX C – Interoperable Communication Consortiums

#	Consortium Name	Consortium Membership (County Name)
1	Adirondack Regional Interoperable Communications Consortium	Clinton, Essex, Franklin, Fulton, Hamilton, Herkimer, Montgomery, Saratoga, St. Lawrence, Warren, Washington
2	Capital Region Urban Area Security Initiative	Albany, Rensselaer, Saratoga, Schenectady, Schoharie
3	Catskill Interoperable Communications Consortium	Delaware, Greene, Otsego, Schoharie, Sullivan, Ulster
4	Central New York Interoperable Communications Consortium	Cayuga, Cortland, Jefferson, Lewis, Madison, Oneida, Onondaga, Oswego, St. Lawrence
5	Finger Lakes New York Interoperable Communications Consortium (FLNYICC)	Allegany, Genesee, Livingston, Monroe, Ontario, Orleans, Seneca, Steuben, Wayne, Wyoming, Yates
6	Hudson Valley Interoperable Communications Consortium	Columbia, Dutchess, Greene, Orange, Putnam, Rockland, Sullivan, Ulster, Westchester
7	Northern New York Interoperable Communications Consortium or Thousand Island Regional Interoperable Communications Consortium	Jefferson, Lewis, St. Lawrence
8	NYC- Urban Area Working Group (UAWG)	Nassau, New York City, Suffolk, Westchester
9	Six County Regional Interoperable Communications Coalition	Genesee, Livingston, Monroe, Ontario, Orleans, Wayne
10	Southern Tier East Regional Emergency Service Interoperable Communications Alliance	Broome, Chenango, Cortland, Delaware, Otsego, Schoharie, Tioga, Tompkins
11	Southern Tier Interoperable Communications Consortium	Chemung, Schuyler, Steuben
12	Western New York Interoperable Communications Consortium	Cattaraugus, Chautauqua, Erie, Genesee, Niagara, Wyoming
13	Southern Tier West Interoperable Communications Consortium	Allegany, Cattaraugus, Chautauqua, Chemung, Schuyler, Steuben

APPENDIX D – Statewide Communication Interoperability Plan (SCIP)

APPENDIX E – Type-III, All Hazards Communication Unit (COMU) Credentialing Policy