

New York State
Interoperable and Emergency
Communication Board
2022 Annual Report



**Homeland Security
and Emergency Services**

**Interoperable and
Emergency Communications**

This report is prepared pursuant to New York County Law Section 328, Subsection 9, which requires the New York State Interoperable and Emergency Communication Board to 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. The report shall cover the status of 911 services across the state, including the extent to which public safety answering points across the state are equipped to receive enhanced wireless 911 calls and the allocation of moneys from the statewide public safety communications account.

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I. The State Interoperable and Emergency Communication Board

The State Interoperable and Emergency Communication Board (Board or SIEC Board) is empowered under New York County Law Section 328, Subsections 10(a) and 10(b) with the following select powers and duties:

1. Make recommendations to the Commissioner of the Division of Homeland Security and Emergency Services (DHSES) 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 (NIMS).
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 (PSAPs); 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 consists of State agency heads (or their designees) and individuals who are experienced with interoperable and emergency communication issues, representative of emergency response entities or constituencies, and appointed upon the recommendation of the governor, temporary president of the senate, or the speaker of the assembly. Members are appointed for a term of four years.

The SIEC Board met four times during the calendar year 2022: February 2, May 25, August 3, and October 26, 2022. Meetings were all held in person while the WebEx Events platform was used at the same time to provide a virtual format for those participants unable to attend in person. The meeting agendas can be found on the DHSES website.

Membership (as of December 31, 2022)

Name	Affiliation	Appointment
	Chair	
Mark J. Balistreri	Director Office of Interoperable and Emergency Communications	Executive Law § 717
	Membership	
Rossana Rosado	Commissioner Division of Criminal Justice Services	Ex-Officio
Angelo Riddick	Chief Information Officer NYS Office of Information Technology Services	Ex-Officio
Steven A. Nigrelli	Acting Superintendent NY State Police	Ex-Officio
Jackie Bray	Commissioner Division of Homeland Security and Emergency Services	Ex-Officio
Marie Therese Dominguez	Commissioner Department of Transportation	Ex-Officio
Maj. Gen. Raymond Shields	Adjutant General Division of Military and Naval Affairs	Ex-Officio
Dr. James McDonald	Acting Commissioner NYS Department of Health	Ex-Officio

Membership

Allen Turner	Orleans County	Executive
Brian LaFlure	Warren County – Retired	Executive
Michael K. Volk	Chief of EMS & Interoperable Coordinator Westchester County	Executive
Michael Cerretto	Director City of Rochester Emergency Communications	Executive
Richard Andersen	Law Enforcement – Retired	Senate
Brendan Casey	Orange County Emergency Services	Senate
Juan Figueroa	Sheriff Ulster County	Senate
Kimberly L. Beatty	Law Enforcement	Assembly
Anthony J. Tripp	Private Sector	Assembly

A. Committees and Working Groups of the Board

Membership of the following working groups and committees consist of representatives from various state agencies, counties, and local government entities.

- The Communications and Interoperability Working Group is a select group of public safety communication practitioners who provide expertise and practical solutions to the tactical, operational, and strategic interoperability needs of public safety first responders by providing best practices for interoperability within and 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. This working group did not meet in 2022. SAFECOM reports were made at the meetings by the co-chair along with a COMU Program Update as part of this working group.

- The 911 Advisory Committee (previously the 911 Standards Advisory Committee) is charged with assessing the status, capability, and readiness of the Enhanced 911 systems in use throughout the State. This committee may consult local governmental 911 authorities, 911 service suppliers, wireless telephone service suppliers, and appropriate State agencies in the process of developing recommendations to the Board to promote and/or facilitate the most efficient and effective routing of wireless 911 emergency calls. The committee shall make proposals and updates to the Board to enhance and promulgate minimum standards for public safety answering points; promote the exchange of information, Next Generation 911 (NG911), including emergent technologies; and encouraging the use of best practices and standards among the PSAP community. The NG911 Working Group was formed as a subcommittee in 2016 and is charged with identifying needs, gaps and options for the development and transition to NG911 technologies in New York State and make recommendations including draft plans to the Board for consideration.

DHSES-OIEC, with the assistance of the 911 Advisory Committee, focused on the development of the State 911 Program to assist coordination efforts, transfer of information necessary to keep 911 authorities informed and provide liaison services to the State and Federal partners.

- The Next Generation 911 Working Group brings together important stakeholders that manage 911 systems throughout the State, as well as State agency representatives and subject matter experts. They provide local and nationwide expertise of 911 operational needs, knowledge to develop plans and proposals to move the State towards a coordinated transition, upgrades, and replacement of the Enhanced 911 systems with Next Generation 911 technologies to improve public safety emergency response and replace end of life antiquated systems of limited capability. Their mission is to assist the advisory committee with recommendations for planning and operational challenges with grants and standards.
- The NG911 Working Group has a sub-group titled the GIS Sub-committee. The GIS Sub-committee focuses on the process for integrating county GIS data into the State GIS database and develop GIS data points, layers, and polygons

necessary to transition the State from Enhanced 911 tabular data, to a GIS based managed functionality, which is a key requirement in transition to NENA i3 Standard compliant NG911. Coordinated by the State ITS GIS Program Office, this team of GIS professionals from counties and New York City has met regularly to meet this objective and this key-requirement. Status reports on this project, along with input from local, state, and federal stakeholders have been ongoing since the working group's inception.

- 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 baseline operational policies and procedures for the use of these channels to support the interoperable communications needs of public safety responders in New York State. There have been no changes to the policies and procedures for 2022.
- The State Agency Communications Working Group includes a select group of communications representatives from pertinent State agencies. The group provides insight into the issues that face each agency and shares best practices and expertise in interoperability challenges between state agencies and counties. The State Agency Sub-Working Group was formed in 2018 to address coordinating initial communications and response, the use of specific radio channels and reporting procedures during an emergency.

The working group members met twice this past year to begin to set the tone for future meetings. Working group members continued to engage in informal and ad hoc coordination to address exigencies as needed.

- The Public Safety Broadband User Group is charged with advising the State Interoperable and Emergency Communication Board and collaborating with the New York public safety community on matters such as FirstNet deployment, use of wireless broadband, and cellular carrier coordination. The Group, formerly called the Public Safety Broadband Working Group follows the development in broadband networks from multiple providers; works on evolving governance and standards development; public safety broadband grant status, including the State and Local Implementation Grant Program; promoting public safety broadband in the New York State public safety responder and secondary user communities; and collecting the needs, requirements, and expectations of the public safety and emergency management communities for broadband and communicating those through the State Point of Contact Team to FirstNet and AT&T.

The Group continued monitoring deployment of FirstNet resources over the course of the year as part of the 5-year State Plan and reported the developments to the Board.

- The Citizen Alerting Committee (CAC) was established in 2016 by a resolution adopting revisions to the SIEC Board bylaws. The committee consists of subject matter experts charged with addressing the policy, protocol, and operational components for rapid dissemination of emergency messages to as many people as possible over as many communications devices as possible. The Integrated Public Alerting and Warning System (IPAWS) made the transition in 2019 to require all entities certified to alert the public to start testing their systems monthly. These quarterly reports from FEMA are reviewed by the committee and presented to the SIEC Board.

II. Statewide Interoperable Communications Grant Program

As authorized by Article 26 of the Executive Law, 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 defines 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, and as authorized. Communications (for routine operations and incident-driven interoperability) are assessed from a capability perspective and apply equally to all hazards.

The Statewide Interoperable Communications Grant Program (SICG) is a combination of three (3) grants: SICG-Formula Based Grant (\$45 million), SICG-Targeted Grant (\$20 million), and PSAP Operation Grant (\$10 million). SICG-Formula

and PSAP Operation Grant awards are based upon a data-driven formula, while the SICG-Targeted Grant utilizes analysis-based targeted distribution.

The SICG program supports the growth of regional communications partnerships throughout the state. The partnerships, which are inclusive of local and state public safety agencies, create interoperable emergency communications systems for first responders. SICG is funded by the public safety communications cellular surcharge revenue, pursuant to section 186-f of New York State Tax Law. Since 2010, over \$729 million has been awarded to 57 counties and New York City through these grants. \$135 million was appropriated last year.

In 2022, despite the difficulties our public safety partners experienced due to the pandemic, several counties managed to implement additional National Interoperability Channels on the infrastructure level and continued to make investments in necessary improvements to Land Mobile Radio (LMR) systems. Investments are made to connect regional, consortium, and county-to-county LMR systems, which provisions local and State public safety entities with additional benefits of expanded communications capabilities. Governance protocols, standard operating procedures, training, and exercises are implemented through the consortiums and partnerships. Additional investments were made by counties in NG911 capable Call Handling Equipment (CHE) to replace end of life equipment, in preparation for the eventual transition to a standards-based Internet Protocol (IP) NG911 network.

In the summer of 2022, the SICG award for the 2020-21 and 2021-22 period was made. DHSES aggregated all available appropriated funding into one RFA and award for a total appropriation of \$90 million. This combining of two years appropriations will allow us to bring this program up to date and provide much needed funding for counties to continue to support public safety communications. At the same time, the awards for the \$10M PSAP Operations Grant were made. See Appendix A for Summaries of open grants as of December 28, 2022.

III. Status of 911 Services Across New York State

New York State has 174 primary and secondary PSAPs which are equipped to receive enhanced wireless 911 calls (E-911) in both Phase 1 and 2 formats, directly or by transfer from other PSAPs. Much of this technology was funded through the former Expedited Deployment Funding Program and continues to be supported by the PSAP Operations Grant Program. The most significant challenges today in wireless call

technology are accurate caller location identification and accurate wireless call routing to the appropriate PSAP. Those challenges are exacerbated by limited capabilities of near end-of life copper-based telephone switch tandem equipment utilized in the enhanced 911 systems throughout the State. The SIEC Board appointed a Next-Generation 911 Working Group, made up of numerous county 911 officials and State agency employees, to research and propose plans to address these issues in New York State.

The GIS Sub-committee has been working diligently throughout the year on the process for integrating the county GIS data into the State GIS database, and development of statewide data layers required for NG911 functionality. Through this integration, the most up-to-date GIS mapping will be available for use at the county level and most importantly for NG911 planning and implementation. This committee is made of GIS personnel at the state and county levels including New York City and is providing real-world expertise to the development of this valuable resource.

COVID-19 displayed a significant threat to public safety from two distinct issues: sharing and offloading 911 calls for service. These issues bring to light the limited capability of our existing Enhanced 911 system. The first of these threats was a contamination of the 911 Center, severely reducing the staff available (through illness or quarantine) to answer the calls. The second was an overload of the call volume within the 911 centers due to medical illness in the community. This could have led to an inability to handle the sheer volume of calls. Each of these scenarios required a shifting of the calls to another 911 center as part of a Continuity of Operations Plan (COOP). However, the current 911 architecture does not allow for this to happen. The existing legacy 911 system is hard-wired with old copper-based technology. There is no easy way to shift the call routing between centers and keep the key caller location information intact. The Assistant Director/911 Coordinator continues to obtain situational awareness from PSAPs and with 911 service providers to develop and implement creative processes to implement these COOP solutions when needed.

IV. County Consortia/Partnerships

The consortia and partnerships serve as the framework by which statewide interoperability can be accomplished through a “network of networks” for local, state, and other first-responder agencies.

Prior to the SICC program, consortium affiliations were rather diverse and broadly defined with purposes not exclusively for communications or interoperability and many were not fully inclusive of agencies/stakeholders that crossed over jurisdictional boundaries. As a result of SICC Program requirements and directives issued by SIEC,

these partnerships have become more refined affiliations focusing on communications and interoperability goals, and more inclusive of other agencies and jurisdictions.

This expansion and solidifying of consortiums and partnerships serves not only as the basis for sharing bandwidth, infrastructure, and technology, but also provides the operational, administrative, and governance vehicle to make the consortiums effective. As expected in 2022, not only did this partnership continue, but gaps in county-to-county communications were closed. As this consolidation developed the consortiums cooperation amongst county, consortium, and agencies has become more defined. The Consortium Chairs have begun meeting on a regular basis in 2022 and continue to do so quarterly and share their updates at the Board meetings. They continue to work together sharing governance and further developing interoperability statewide. Several projects that were underway with this group to enhance their collective cooperation and governance have been completed. There is a project to collect data on all the links that have been implemented across the state as part of the individual county networks. This “Librarian” project will assist each consortium to provide connectivity within and between the consortiums. The second project is being supported by DHS CISA to develop a governance model for the Central NY ICC. This project will help them establish a collective governance model to effectively manage collaboration between the counties and will be a template that other consortiums can mirror. A list of county consortium membership can be found in Appendix B.

V. Summary:

The SIEC Board exists to establish a partnership among state, local, federal, and tribal first responders to enhance communication capabilities. The Board provides a forum to discuss public safety communications initiatives and guidance on the disbursement of public safety communication funds. The Board’s efforts to create coordination and collaboration among all levels of government, disparate systems, and multiple disciplines have led to significant progress over the past decade and creates a path to effective interoperable communications between all stakeholders.

APPENDIX A – Grant Summaries

A. SICG Round 4 Summary

As of 12/28/2022

County	Award Amount	SICG Round 4 - Brief Project Description	Reimbursed	Balance
Cayuga	\$2,525,492	Implement a new CAD/RMS/Mobile solution for all Public Safety agencies, including implementing AVL technology for Emergency Medical Services Agencies and applicable governance. Implementing / Enhancing the NG911 telephony system with a gateway between Cayuga and Oswego counties and applicable governance. Expanding National Interoperability infrastructure to four additional tower sites. Utilize a consultant to develop a 3 year training and exercise plan for Cayuga County and Consortium Partner County's and to enhance / update CASM participation for Cayuga County.	\$2,038,326	\$487,166

County	Award Amount	SICG Round 4 - Brief Project Description	Reimbursed	Balance
Columbia	\$3,500,000	This project will develop and establish Governance, and SOPs with Federal, State, Consortium's Counties, and all in-county Agencies with the aid of a consultant to achieve interoperability and complete a TICP. Columbia County will enhance interoperability by building an interoperability radio system using the National Interoperability channels with the aid of new communications towers, microwave, shelters with generators, and equip our mobile communications unit with mobiles and a gateway for same. Interconnect with adjacent Counties/Consortiums for the purpose of interoperability, redundancy, and back-up.	\$749,703	\$2,750,297

County	Award Amount	SICG Round 4 - Brief Project Description	Reimbursed	Balance
Dutchess	\$2,048,758	Dutchess County proposes to develop P25 Compliant Phase 2 Microwave Network. Infrastructure to provide connectivity with multiple Regional Partners. Provides the infrastructure for potential Broadband, Wi-Fi, and backhaul. Provide county/regional connectivity across disciplines including state agencies and regional PSAPs. Objectives include Training and Exercise, SAFECOM, Dual Consortium Membership, Radio Console Upgrade. Dutchess County goals include implementing a P25 Phase 2 microwave network, improving reliability, redundancy, and backhaul network, network improvements permit expansion capabilities, incorporating emerging technologies, IP Consoles, and network for ad hoc connectivity across disciplines and state agencies, input information into CASM, TEP to ensure technology is appropriately utilized and Consortium participation to further develop governance.	\$1,961,369	\$87,389

County	Award Amount	SICG Round 4 - Brief Project Description	Reimbursed	Balance
Erie	\$2,132,185	Our proposal is a multi-part project meeting both objectives. First, our PSAP project will include implementation of phase 2 NG911 mapping enhancements which were started under a previous grant. Additionally, this project will improve the capability and capacity of the recording system to accommodate 911 calls throughout the county by consolidating them into one platform. Secondly, the LMR project will focus on expanding the existing UTAC/VTAC/8TAC regional communications infrastructure, enhancing the interoperable communication and the Mutualink capabilities at the Backup PSAP which also serves as the county Emergency Operations Center. Finally, Erie County will retain services of a consultant to assist with interoperable communications needs & goals.	\$2,132,184	\$1

County	Award Amount	SICG Round 4 - Brief Project Description	Reimbursed	Balance
Essex	\$420,814	<p>The goal of the project is to improve interoperability within the consortium. The consortium is sharing communication sites and interoperability base stations. Essex County will be installing base stations on Belfry and Wells Hill. Franklin County will be adding a base station to Mt. Pisgah. Clinton County will be adding one to Terry Mountain, and Hamilton County will be covering the Gore Mountain Site. This plan will ensure that interoperability is met throughout the consortium without duplication of equipment and resources. The County also has to stabilize the tower at the Terry Mountain site. Strong winds move the tower which causes problems with microwave connectivity. The project meets Safecom requirements.</p>	\$418,368	\$2,446

County	Award Amount	SICG Round 4 - Brief Project Description	Reimbursed	Balance
Genesee	\$3,065,120	Genesee County has built out a six-site, 800MHz, P25 Phase 2 System with VHF high band Fire / EMS paging. Genesee County wishes to continue its progression by connecting its system to Orleans, Monroe, and Ontario Counties as part of a regional public safety radio network, add an additional tower for fill-in coverage in the Town and Village of LeRoy which would also serve as a gateway point for Livingston County, upgrade its microwave network to full 50 MB/s bandwidth (upgradeable to 150 MB/s), install bi-directional amplifiers for United Memorial Medical Center and the Genesee County Jail, upgrade its infrastructure spares kit to meet regional needs, update CASM / TICP, and upgrade its existing CAD / Records Management System (CAD/RMS).	\$3,065,120	\$0

County	Award Amount	SICG Round 4 - Brief Project Description	Reimbursed	Balance
Greene	\$3,500,000	<p>The proposed project will improve operational capacity within Greene County, link Greene and Columbia Counties' PSAPs to provide interoperable interfaces and PSAP redundancy and failover capabilities. Additionally this project will enhance the interoperable infrastructure and create the necessary backbone to link multiple consortiums together and strengthen the "system of systems" concept. This project will formalize existing, and create new, governance documents including SOP's and MOU's with state and local entities. This project will also provide a training program for all system users so they better understand interoperability and how to achieve operational efficiencies through it.</p>	\$3,500,000	\$0

County	Award Amount	SICG Round 4 - Brief Project Description	Reimbursed	Balance
Livingston	\$3,500,000	The County is currently designing the upgrade of its regional interoperable voice and data IP communications system. A Radio and Microwave Data Systems RFP was issued in April 2015. SICG 4 funding will help implement the upgrade and continued expansion and interoperability goals to meet first responder needs in the 7county area. 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 County will improve effectiveness of the governance structure and SOPs. The County will complete necessary training and exercises to ensure proper regional and state interoperability and coordination.	\$3,500,000	\$0
Madison	\$3,500,000	Madison County will (1) upgrade the 911 phone system to current NG911 standards,(2) create a Prime & Backup site at NYSP Oneida, (3) develop, implement & test governance & SOP's consistent with SAFECOM, NIMS & New York State SCIP, for interoperability within the county, the CNYICC, Federal, State, Tribal, local entities through formal compliant training & exercises. Infrastructure will be NENA-Compliant, IETF standards-based & IP based to allow maximum connectivity & backup service between counties & Federal, State, Tribal & other public safety partners, government & non-government entities & under-represented groups.	\$3,335,568	\$164,432

County	Award Amount	SICG Round 4 - Brief Project Description	Reimbursed	Balance
Monroe	\$3,493,045	<p>Monroe continues to facilitate seamless regional interoperability by enhancing its multi-jurisdictional, multi-level, multi-disciplinary P25, digital LMR system at FLNYRICC's core. Adding infrastructure to 5 vehicles and 3 sites addresses the SCIP Public Safety Communication Evolution coverage requirement with improvement on scene and at the western border while complying with the IFC501 and NFPA1221 95% in-building standard. Augmenting Monroe's nucleus system allows counties to work in tandem to effortlessly connect, achieving SCIP's network of network vision while exemplifying reliable, instantaneous 2-way voice communication to ensure operational effectiveness through coordination of communications capabilities.</p>	\$3,493,045	\$0

County	Award Amount	SICG Round 4 - Brief Project Description	Reimbursed	Balance
Nassau	\$3,500,000	Nassau County's project will support development of governance, SOP's and infrastructure by hiring qualified consultants to develop comprehensive/long-term plans and procedures that align with SCIP/ SAFECOM guidance/priority's for Governance, SOP's, Technology, Training/Exercises and Usage linking existing Nassau/Suffolk County trunked radio systems with P25 compliant equipment; developing mutual aid channel access-UTAC/8TAC support equipment; and initiating migration of a 500MHz system to a NPSBN compliant 700MHz system.	\$3,500,000	\$0
Oneida	\$3,500,000	Oneida County, a member of CNYICC, proposes to upgrade existing proprietary system infrastructure in Rome, Utica and the Town of New Hartford and legacy analog county infrastructure to a countywide P25 digital VHF two-zone simulcast system. The project will provide the County with an IP based PSAP at a primary and backup location, ISSI interoperable gateway connection to CNYICC counties, federal and state interoperability channels countywide, countywide IP network connectivity compliant with New York Network Common Internet Protocol and upgrade the legacy VHF analog infrastructure equipment for county fire and EMS to P25 digital capable simulcast.	\$3,500,000	\$0

County	Award Amount	SICG Round 4 - Brief Project Description	Reimbursed	Balance
Putnam	\$3,500,000	Putnam County seeks to increase the efficiency, reliability and interoperability of our existing communications system by focusing on areas identified by an asset assessment conducted by the County's Radio Committee. Putnam County has identified its microwave system, tower capacity and interoperable radio equipment as being critical to improving communication between our federal/state and local partners. Our objective is to upgrade our current obsolete microwave system which will provide increased bandwidth and redundancy. The new system will be installed on additional towers increasing our coverage within Putnam County / adjacent Counties. To further enhance interoperability we will install NPSTC Repeater Channels at 9 tower locations.	\$3,500,000	\$0

County	Award Amount	SICG Round 4 - Brief Project Description	Reimbursed	Balance
Rensselaer	\$3,500,000	<p>Rensselaer County has undertaken a large-scale upgrade of its communications infrastructure at a total cost of \$17.1M. SICG 2 and SICG PSAP Enhancement awards provided partial funding for these projects. This application seeks funding to replace the obsolete 911 phone system with a NG911 system, seeks additional funding for the new countywide 800 P25 System under contract with Motorola, provide additional interoperability bands and channels at additional sites and establish more detailed governance policies and procedures. When completed, all responders and associated agencies in the county will have full interoperability in the county and expanded access to the national interoperability channels. All this with the following goals in mind: Acquisition of a NG911 System in partnership with Albany County and continue consolidation and improvements of dispatching operations; Add 700MHz, expand V,U and 8 National interoperability channel infrastructure; acquire ISSI technology with adjacent P25 Systems; additional funding support for the purchased Motorola P 25 800 MHz System that will cover all disciplines and add the ability to expand regionally; and develop communications, mapping, governance, training and SOP's with ARICC and County.</p>	\$3,500,000	\$0

County	Award Amount	SICG Round 4 - Brief Project Description	Reimbursed	Balance
Saratoga	\$2,961,221	Saratoga County is requesting additional funding to expand on the more than \$1 million in Round 3 funding encumbered for projects that will improve interoperable communications between ARICC that align with SAFECOM and the New York State SCIP. Funding will improve critical infrastructure, and assist with the implementation of a fully shared CAD, Mobile, 911 solution with the ARICC. Improving communications by maximizing use of P25 compliant interoperable communications system and providing public safety agencies within the ARICC, through co-locating equipment, seamless 911 communications. Increasing coverage by connecting to new consortium members Albany, Schenectady and Rensselaer Counties to complete a consortium-wide path and implementing a shared NG911 calling handling and Records Management solution in the County PSAP improving the ARICC.	\$2,774,611	\$186,610

County	Award Amount	SICG Round 4 - Brief Project Description	Reimbursed	Balance
Schoharie	\$2,406,500	Schoharie County proposes to build a new microwave backbone using a licensed IP based transport that will provide a secure, reliable, resilient backhaul system. The system will be capable of supporting both voice and data, and will provide regional connectivity to the eight (8) members of the Catskill Interoperable Communications Consortium. The system will provide connectivity between the Consortium and the New York State Police Troop "G" Headquarters. This project will build on the Round 1 and Round 2 SICG funding and will continue to enhance emergency response, common governance, interoperability channels, inter-county and state agency microwave interconnect, and enhanced information and data resource development within and between the Consortium and the State.	\$2,398,431	\$8,069

County	Award Amount	SICG Round 4 - Brief Project Description	Reimbursed	Balance
Steuben	\$2,946,865	Steuben County proposes to improve interconnection with Southern Tier Consortium partners to leverage a three-county public safety radio network for Interoperability. They will do this by: <ul style="list-style-type: none"> • Providing additional P25 components to enhance our interoperability. • Providing additional fiber connections with partner agencies. • Implementing a P25 Simulcast VHF paging system for County Fire. • Purchasing additional subscriber units for the VHF System. • Providing for PSAP governance including provisions for a full-scale exercise. 	\$2,946,860	\$5.00
Total:	\$50,000,000		\$46,313,583	\$3,686,417

B. 2016 SICG-Formula Grant Summary

As of 12/28/2022

County	2016 SICG – Formula Award Amount	Vouchered	Balance
Albany	\$1,000,417	\$1,000,417	\$0
Allegany	\$911,523	\$911,523	\$0
Broome	\$674,824	\$674,163	\$661
Cattaraugus	\$663,916	\$663,916	\$0
Cayuga	\$838,244	\$838,244	\$0
Chautauqua	\$657,306	\$657,152	\$154
Chemung	\$566,034	\$566,034	\$0
Chenango	\$456,553	\$456,471	\$82
Clinton	\$584,478	\$584,478	\$0
Columbia	\$516,279	\$516,279	\$0
Cortland	\$995,456	\$995,456	\$0
Delaware	\$447,657	\$447,657	\$0

County	2016 SICG – Formula Award Amount	Vouchered	Balance
Dutchess	\$682,199	\$595,925	\$86,274
Erie	\$1,096,094	\$1,096,077	\$17
Essex	\$798,157	\$797,880	\$277
Franklin	\$701,096	\$699,882	\$1,214
Fulton	\$437,407	\$437,407	\$0
Genesee	\$705,023	\$705,014	\$9
Greene	\$464,037	\$464,037	\$0
Hamilton	\$471,640	\$471,640	\$0
Herkimer	\$637,534	\$636,750	\$784
Jefferson	\$659,672	\$659,672	\$0
Lewis	\$539,653	\$539,653	\$0
Livingston	\$598,108	\$598,108	\$0
Madison	\$821,280	\$795,376	\$25,904

County	2016 SICG – Formula Award Amount	Vouchered	Balance
Monroe	\$1,459,024	\$1,459,024	\$0
Montgomery	\$447,091	\$447,091	\$0
Nassau	\$856,563	\$856,563	\$0
NYC	\$5,680,831	\$5,677,461	\$3,370
Niagara	\$673,193	\$673,193	\$0
Oneida	\$637,360	\$637,360	\$0
Onondaga	\$1,404,362	\$1,403,927	\$435
Ontario	\$716,143	\$715,952	\$191
Orange	\$757,344	\$757,344	\$0
Orleans	\$448,993	\$448,948	\$45
Oswego	\$886,284	\$886,284	\$0
Otsego	\$797,694	\$797,694	\$0
Putnam	\$482,829	\$482,829	\$0

County	2016 SICG – Formula Award Amount	Vouchered	Balance
Rensselaer	\$798,760	\$798,760	\$0
Rockland	\$853,925	\$853,823	\$102
Saratoga	\$874,563	\$857,205	\$17,358
Schenectady	\$610,436	\$610,436	\$0
Schoharie	\$436,557	\$434,589	\$1,968
Schuyler	\$398,500	\$398,500	\$0
Seneca	\$476,901	\$476,899	\$2
St. Lawrence	\$759,073	\$758,089	\$984
Steuben	\$862,857	\$862,096	\$761
Suffolk	\$1,118,377	\$1,118,377	\$0
Sullivan	\$680,727	\$679,992	\$735
Tioga	\$442,981	\$424,871	\$18,110
Tompkins	\$738,565	\$738,273	\$292

County	2016 SICG – Formula Award Amount	Vouchered	Balance
Ulster	\$521,553	\$520,503	\$1,050
Warren	\$523,375	\$523,362	\$13
Washington	\$709,086	\$709,086	\$0
Wayne	\$514,825	\$514,825	\$0
Westchester	\$677,239	\$677,088	\$151
Wyoming	\$474,197	\$474,197	\$0
Yates	\$355,205	\$355,205	\$0
Totals	\$45,000,000	\$44,839,058	\$160,942

C. 2017 SICG-Formula Grant Summary

As of 12/28/2022

County	2017 SICG – Formula Award Amount	Vouchered	Balance
Albany	\$1,272,530	\$1,263,048	\$9,482
Allegany	\$958,841	\$958,841	\$0
Broome	\$718,401	\$718,401	\$0
Cattaraugus	\$726,536	\$726,536	\$0
Cayuga	\$778,135	\$777,728	\$407
Chautauqua	\$647,798	\$647,798	\$0
Chemung	\$543,685	\$543,685	\$0
Clinton	\$664,424	\$664,424	\$0
Columbia	\$516,018	\$516,018	\$0
Cortland	\$978,349	\$978,349	\$0
Delaware	\$480,891	\$480,164	\$727
Dutchess	\$630,120	\$630,120	\$0
Erie	\$1,072,420	\$1,072,402	\$18
Essex	\$799,637	\$799,637	\$0

County	2017 SICG – Formula Award Amount	Vouchered	Balance
Franklin	\$703,803	\$703,803	\$0
Fulton	\$429,721	\$429,721	\$0
Genesee	\$679,558	\$679,558	\$0
Greene	\$468,265	\$468,265	\$0
Hamilton	\$540,339	\$540,339	\$0
Herkimer	\$639,876	\$639,876	\$0
Jefferson	\$647,104	\$647,104	\$0
Lewis	\$653,718	\$653,718	\$0
Livingston	\$589,682	\$589,682	\$0
Madison	\$782,596	\$782,596	\$0
Monroe	\$1,727,572	\$1,123,605	\$603,967
Montgomery	\$463,291	\$463,291	\$0
Nassau	\$899,859	\$899,859	\$0
NYC	\$5,326,241	\$5,325,866	\$375
Niagara	\$711,170	\$711,170	\$0

County	2017 SICG – Formula Award Amount	Vouchered	Balance
Oneida	\$773,684	\$773,624	\$60
Onondaga	\$1,360,003	\$1,360,003	\$0
Ontario	\$682,338	\$658,524	\$23,814
Orange	\$864,231	\$864,231	\$0
Orleans	\$420,587	\$420,587	\$0
Oswego	\$846,320	\$845,979	\$341
Otsego	\$684,650	\$684,650	\$0
Putnam	\$454,708	\$454,708	\$0
Rensselaer	\$736,407	\$736,406	\$1
Rockland	\$852,018	\$852,018	\$0
Saratoga	\$834,169	\$546,606	\$287,563
Schenectady	\$518,618	\$518,618	\$0
Schoharie	\$485,123	\$485,123	\$0
Schuyler	\$381,179	\$381,179	\$0
Seneca	\$441,439	\$441,439	\$0

County	2017 SICG – Formula Award Amount	Vouchered	Balance
St. Lawrence	\$937,148	\$937,148	\$0
Steuben	\$804,996	\$804,996	\$0
Suffolk	\$1,069,314	\$1,001,684	\$67,630
Sullivan	\$757,308	\$754,861	\$2,447
Tioga	\$453,399	\$452,777	\$622
Tompkins	\$704,018	\$704,018	\$0
Ulster	\$524,993	\$524,993	\$0
Warren	\$550,861	\$550,850	\$11
Washington	\$837,216	\$826,677	\$10,539
Wayne	\$541,839	\$219,481	\$322,358
Westchester	\$608,545	\$608,209	\$336
Wyoming	\$473,355	\$473,355	\$0
Yates	\$350,954	\$350,954	\$0
Totals	\$45,000,000	\$43,669,301	\$1,330,699

D. 2018 SICG-Formula Grant Summary

As of 12/28/2022

County	2018 SICG – Formula Award Amount	Vouchered	Balance
Albany	\$1,276,449	\$1,276,449	\$0
Allegany	\$889,690	\$889,690	\$0
Broome	\$678,019	\$677,997	\$22
Cattaraugus	\$674,160	\$674,160	\$0
Cayuga	\$806,629	\$805,508	\$1,121
Chautauqua	\$639,301	\$639,301	\$0
Chemung	\$541,201	\$417,407	\$123,794
Chenango	\$534,819	\$133,070	\$401,749
Clinton	\$646,188	\$646,188	\$0
Columbia	\$476,985	\$476,985	\$0
Cortland	\$964,140	\$588,539	\$375,601
Delaware	\$497,400	\$496,672	\$728
Dutchess	\$616,793	\$594,084	\$22,709
Erie	\$1,106,090	\$1,106,090	\$0
Essex	\$782,665	\$782,665	\$0

County	2018 SICG – Formula Award Amount	Vouchered	Balance
Franklin	\$681,121	\$681,121	\$0
Fulton	\$471,118	\$471,118	\$0
Genesee	\$664,778	\$664,778	\$0
Greene	\$438,850	\$438,850	\$0
Hamilton	\$544,803	\$499,035	\$45,768
Herkimer	\$595,532	\$595,525	\$7
Jefferson	\$612,697	\$612,697	\$0
Lewis	\$682,650	\$682,650	\$0
Livingston	\$667,855	\$667,855	\$0
Madison	\$763,731	\$752,982	\$10,749
Monroe	\$1,683,479	\$43,200	\$1,640,279
Montgomery	\$423,415	\$423,415	\$0
Nassau	\$1,009,797	\$1,009,797	\$0
NYC	\$5,448,636	\$5,445,496	\$3,140
Niagara	\$669,712	\$669,712	\$0

County	2018 SICG – Formula Award Amount	Vouchered	Balance
Oneida	\$857,631	\$857,572	\$59
Onondaga	\$1,274,666	\$840,161	\$434,505
Ontario	\$621,204	\$220,052	\$401,152
Orange	\$802,256	\$802,256	\$0
Orleans	\$403,172	\$403,172	\$0
Oswego	\$844,821	\$844,821	\$0
Otsego	\$796,814	\$796,212	\$602
Putnam	\$460,753	\$460,753	\$0
Rensselaer	\$746,423	\$594,464	\$151,959
Rockland	\$825,122	\$810,412	\$14,710
Saratoga	\$812,919	\$290,759	\$522,160
Schenectady	\$669,427	\$669,427	\$0
Schoharie	\$455,260	\$455,260	\$0
Schuyler	\$382,595	\$382,595	\$0
Seneca	\$411,692	\$411,689	\$3

County	2018 SICG – Formula Award Amount	Vouchered	Balance
St. Lawrence	\$811,132	\$811,132	\$0
Steuben	\$776,687	\$411,697	\$364,990
Suffolk	\$1,007,048	\$924,000	\$83,048
Sullivan	\$685,016	\$685,016	\$0
Tioga	\$450,221	\$305,643	\$144,578
Tompkins	\$680,422	\$680,422	\$0
Ulster	\$575,721	\$575,721	\$0
Warren	\$522,261	\$521,976	\$285
Washington	\$771,550	\$768,193	\$3,357
Wayne	\$488,881	\$4,135	\$484,746
Westchester	\$569,661	\$569,455	\$206
Wyoming	\$456,166	\$418,903	\$37,263
Yates	\$351,776	\$351,776	\$0
Total	\$45,000,000	\$39,730,710	\$5,269,290

E. 2018 SICG-Targeted Grant Summary

Phase 1 and 2 Distribution

As of 12/28/2022

Phase 1

County	2018 SICG – Targeted Award Amount	Vouchered	Balance
Clinton County	\$2,334,697	\$1,258,698	\$1,075,999
Hamilton County	\$6,000,000	\$0	\$6,000,000
Herkimer County	\$2,308,567	\$2,308,567	\$0
Jefferson County	\$4,100,000	\$2,496,505	\$1,603,495
Niagara County	\$6,000,000	\$1,474,723	\$4,525,277
Orleans County	\$5,897,141	\$5,864,580	\$32,561
Schenectady County	\$6,000,000	\$4,609,809	\$1,390,191
Total	\$32,640,405	\$18,012,882	\$14,627,523

Phase 2

County	2018 SICG – Targeted Award Amount	Vouchered	Balance
Chenango County	\$6,000,000	\$105,790	\$5,894,210
Putnam County	\$6,000,000	\$3,631,623	\$2,368,377
Wyoming County	\$5,931,797	\$1,753,931	\$4,177,866
St. Lawrence County	\$6,000,000	\$121,393	\$5,878,607
Ulster County	\$6,000,000	\$1,892,390	\$4,107,610
Total	\$29,931,797	\$7,505,127	\$22,426,670

F. 2019 SICG-Formula Grant Summary

As of 12/28/2022

County	2019 SICG – Formula Award Amount	Vouchered	Balance
Albany	\$1,255,608	\$1,255,608	\$0
Allegany	\$775,128	\$648,170	\$126,958
Broome	\$685,422	\$575,729	\$109,693
Cattaraugus	\$699,910	\$586,884	\$113,026
Cayuga	\$755,380	\$545,701	\$209,679
Chautauqua	\$636,624	\$636,624	\$0
Chemung	\$515,695	\$360,885	\$154,810
Chenango	\$544,575	\$0	\$544,575
Clinton	\$682,931	\$541,439	\$141,492
Columbia	\$456,578	\$456,578	\$0
Cortland	\$919,969	\$919,969	\$0
Delaware	\$460,776	\$433,252	\$27,524
Dutchess	\$564,024	\$290,013	\$274,011
Erie	\$1,157,456	\$810,219	\$347,237
Essex	\$869,562	\$716,244	\$153,318

County	2019 SICG – Formula Award Amount	Vouchered	Balance
Franklin	\$709,240	\$497,685	\$211,555
Fulton	\$491,882	\$491,513	\$369
Genesee	\$698,572	\$698,572	\$0
Greene	\$456,798	\$109,692	\$347,106
Hamilton	\$540,451	\$0	\$540,451
Herkimer	\$678,591	\$118,518	\$560,073
Jefferson	\$766,944	\$766,944	\$0
Lewis	\$720,830	\$720,830	\$0
Livingston	\$652,651	\$652,651	\$0
Madison	\$755,104	\$754,577	\$527
Monroe	\$1,638,587	\$44,496	\$1,594,091
Montgomery	\$383,222	\$383,005	\$217
Nassau	\$988,685	\$954,320	\$34,365
NYC	\$5,405,242	\$5,199,618	\$205,624
Niagara	\$680,557	\$71,963	\$608,594

County	2019 SICG – Formula Award Amount	Vouchered	Balance
Oneida	\$839,306	\$839,306	\$0
Onondaga	\$1,250,967	\$785,559	\$465,408
Ontario	\$608,404	\$0	\$608,404
Orange	\$822,055	\$822,055	\$0
Orleans	\$458,672	\$458,671	\$1
Oswego	\$839,572	\$656,543	\$183,029
Otsego	\$679,156	\$677,451	\$1,705
Putnam	\$590,058	\$273,069	\$316,989
Rensselaer	\$749,475	\$383,631	\$365,844
Rockland	\$862,601	\$409,681	\$452,920
Saratoga	\$764,347	\$275,493	\$488,854
Schenectady	\$647,319	\$647,319	\$0
Schoharie	\$472,519	\$175,519	\$297,000
Schuyler	\$422,876	\$43,559	\$379,317
Seneca	\$410,827	\$408,049	\$2,778

County	2019 SICG – Formula Award Amount	Vouchered	Balance
St. Lawrence	\$848,652	\$832,686	\$15,966
Steuben	\$796,257	\$419,338	\$376,919
Suffolk	\$969,888	\$0	\$969,888
Sullivan	\$649,285	\$466,025	\$183,260
Tioga	\$385,432	\$54,996	\$330,436
Tompkins	\$656,292	\$656,292	\$0
Ulster	\$563,271	\$563,270	\$1
Warren	\$493,456	\$493,156	\$300
Washington	\$729,068	\$27,000	\$702,068
Wayne	\$491,033	\$0	\$491,033
Westchester	\$680,308	\$678,058	\$2,250
Wyoming	\$443,485	\$443,485	\$0
Yates	\$328,425	\$328,425	\$0
Total	\$45,000,000	\$32,060,333	\$12,939,667

G. 2020 SICG-Formula Grant Summary

As of 12/28/2022

County	2020 SICG – Formula Award Amount	Vouchered	Balance
Albany	\$1,200,054	\$539,672	\$660,382
Allegany	\$723,865	\$134,373	\$589,492
Broome	\$710,422	\$318,564	\$391,858
Cattaraugus	\$684,153	\$552,500	\$131,653
Cayuga	\$711,972	\$459,289	\$252,683
Chautauqua	\$611,328	\$527,843	\$83,485
Chemung	\$507,509	\$0	\$507,509
Chenango	\$511,743	\$0	\$511,743
Clinton	\$663,312	\$541,439	\$121,873
Columbia	\$454,749	\$0	\$454,749
Cortland	\$786,420	\$513,475	\$272,945
Delaware	\$604,415	\$378,000	\$226,415
Dutchess	\$558,267	\$0	\$558,267
Erie	\$1,200,252	\$589,781	\$610,471
Essex	\$840,621	\$539,672	\$840,621

County	2020 SICG – Formula Award Amount	Vouchered	Balance
Franklin	\$746,413	\$292,914	\$453,499
Fulton	\$469,321	\$364,597	\$104,724
Genesee	\$700,033	\$700,033	\$0
Greene	\$448,006	\$0	\$448,006
Hamilton	\$566,267	\$11,211	\$555,056
Herkimer	\$672,509	\$46,128	\$626,381
Jefferson	\$761,649	\$761,649	\$0
Lewis	\$684,510	\$435,847	\$248,663
Livingston	\$612,806	\$65,568	\$547,238
Madison	\$691,645	\$558,342	\$133,303
Monroe	\$1,401,795	\$0	\$1,401,795
Montgomery	\$374,781	\$196,878	\$177,903
Nassau	\$897,929	\$292,914	\$897,929
NYC	\$6,617,854	\$0	\$6,617,854
Niagara	\$755,125	\$45,877	\$709,248

County	2020 SICG – Formula Award Amount	Vouchered	Balance
Oneida	\$781,082	\$628,571	\$152,511
Onondaga	\$1,101,098	\$29,717	\$1,071,381
Ontario	\$583,921	\$0	\$583,921
Orange	\$896,576	\$449,734	\$446,842
Orleans	\$526,529	\$517,639	\$8,890
Oswego	\$796,581	\$0	\$796,581
Otsego	\$663,885	\$0	\$663,885
Putnam	\$531,224	\$155,975	\$375,249
Rensselaer	\$600,996	\$0	\$600,996
Rockland	\$772,788	\$0	\$772,788
Saratoga	\$723,064	\$0	\$723,064
Schenectady	\$608,673	\$0	\$608,673
Schoharie	\$458,573	\$1,200	\$457,373
Schuyler	\$439,950	\$97,681	\$342,269
Seneca	\$390,201	\$0	\$390,201

County	2020 SICG – Formula Award Amount	Vouchered	Balance
St. Lawrence	\$806,143	\$11,759	\$794,384
Steuben	\$766,339	\$150,541	\$615,798
Suffolk	\$1,135,404	\$0	\$1,135,404
Sullivan	\$581,960	\$435,912	\$146,048
Tioga	\$429,140	\$2,063	\$427,077
Tompkins	\$578,577	\$578,577	\$0
Ulster	\$540,609	\$40,560	\$500,049
Warren	\$474,832	\$0	\$474,832
Washington	\$728,008	\$0	\$728,008
Wayne	\$489,027	\$0	\$489,027
Westchester	\$681,635	\$0	\$681,635
Wyoming	\$422,761	\$0	\$422,761
Yates	\$320,699	\$0	\$320,699
Total	\$45,000,000	\$11,133,909	\$33,866,091

H. 2021 SICG-Formula Grant Summary

As of 12/28/2022

County	2021 SICG – Formula Award Amount	Vouchered	Balance
Albany	\$2,365,306	\$0	\$2,365,306
Allegany	\$1,429,652	\$0	\$1,429,652
Broome	\$1,581,750	\$0	\$1,581,750
Cattaraugus	\$1,226,779	\$0	\$1,226,779
Cayuga	\$1,413,337	\$0	\$1,413,337
Chautauqua	\$1,284,018	\$3,232	\$1,280,786
Chemung	\$1,005,277	\$0	\$1,005,277
Chenango	\$1,012,367	\$0	\$1,012,367
Clinton	\$1,310,276	\$0	\$1,310,276
Columbia	\$899,384	\$0	\$899,384
Cortland	\$1,572,808	\$0	\$1,572,808
Delaware	\$1,210,010	\$0	\$1,210,010
Dutchess	\$1,110,478	\$0	\$1,110,478
Erie	\$2,376,326	\$0	\$2,376,326

County	2021 SICG – Formula Award Amount	Vouchered	Balance
Essex	\$1,661,545	\$0	\$1,661,545
Franklin	\$1,311,347	\$0	\$1,311,347
Fulton	\$993,962	\$0	\$993,962
Genesee	\$1,375,407	\$301,010	\$1,074,397
Greene	\$919,750	\$0	\$919,750
Hamilton	\$1,126,497	\$0	\$1,126,497
Herkimer	\$1,329,820	\$0	\$1,329,820
Jefferson	\$1,433,203	\$66,965	\$1,366,238
Lewis	\$1,360,147	\$0	\$1,360,147
Livingston	\$1,207,837	\$0	\$1,207,837
Madison	\$1,447,335	\$0	\$1,447,335
Monroe	\$2,784,346	\$0	\$2,784,346
Montgomery	\$740,231	\$0	\$740,231
Nassau	\$1,785,615	\$0	\$1,785,615
NYC	\$13,188,252	\$0	\$13,188,252

County	2021 SICG – Formula Award Amount	Vouchered	Balance
Niagara	\$1,540,147	\$0	\$1,540,147
Oneida	\$1,411,546	\$0	\$1,411,546
Onondaga	\$2,165,760	\$0	\$2,165,760
Ontario	\$1,161,782	\$0	\$1,161,782
Orange	\$1,684,021	\$0	\$1,684,021
Orleans	\$1,038,805	\$138,072	\$900,733
Oswego	\$1,572,352	\$0	\$1,572,352
Otsego	\$1,445,265	\$0	\$1,445,265
Putnam	\$1,047,678	\$0	\$1,047,678
Rensselaer	\$1,451,319	\$0	\$1,451,319
Rockland	\$1,456,750	\$0	\$1,456,750
Saratoga	\$1,426,723	\$0	\$1,426,723
Schenectady	\$1,197,673	\$0	\$1,197,673
Schoharie	\$935,567	\$0	\$935,567
Schuyler	\$881,075	\$0	\$881,075

County	2021 SICG – Formula Award Amount	Vouchered	Balance
Seneca	\$789,937	\$0	\$789,937
St. Lawrence	\$1,604,582	\$0	\$1,604,582
Steuben	\$1,508,456	\$0	\$1,508,456
Suffolk	\$2,540,314	\$0	\$2,540,314
Sullivan	\$1,278,535	\$0	\$1,278,535
Tioga	\$680,299	\$0	\$680,299
Tompkins	\$1,219,500	\$609,750	\$609,750
Ulster	\$1,091,873	\$0	\$1,091,873
Warren	\$985,547	\$0	\$985,547
Washington	\$1,464,226	\$0	\$1,464,226
Wayne	\$971,579	\$0	\$971,579
Westchester	\$1,397,439	\$0	\$1,397,439
Wyoming	\$845,341	\$0	\$845,341
Yates	\$742,847	\$0	\$742,847

Total	\$90,000,000	\$1,119,029	\$88,880,971
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I. 2018 PSAP Operations Grant Summary

As of 12/28/2022

County	2018 PSAP Award Amount	Vouchered	Balance
Albany	\$217,355	\$217,355	\$0
Allegany	\$156,944	\$156,944	\$0
Broome	\$194,069	\$194,069	\$0
Cattaraugus	\$191,310	\$191,310	\$0
Cayuga	\$167,647	\$167,647	\$0
Chautauqua	\$174,353	\$174,353	\$0
Chemung	\$187,569	\$187,569	\$0
Chenango	\$179,215	\$179,215	\$0
Clinton	\$134,736	\$134,707	\$29
Columbia	\$154,217	\$154,217	\$0
Cortland	\$147,915	\$147,915	\$0
Delaware	\$168,096	\$156,593	\$11,503
Dutchess	\$163,100	\$163,100	\$0
Erie	\$209,229	\$209,229	\$0
Essex	\$228,820	\$228,820	\$0

County	2018 PSAP Award Amount	Vouchered	Balance
Franklin	\$174,770	\$174,770.00	\$0.00
Fulton	\$220,197	\$220,197.00	\$0.00
Genesee	\$204,071	\$204,071.00	\$0.00
Greene	\$175,930	\$175,930.00	\$0.00
Hamilton	\$95,264	\$95,264.00	\$0.00
Herkimer	\$179,146	\$179,146.00	\$0.00
Jefferson	\$203,999	\$203,999.00	\$0.00
Lewis	\$168,685	\$168,685.00	\$0.00
Livingston	\$203,799	\$203,799.00	\$0.00
Madison	\$160,880	\$160,880.00	\$0.00
Monroe	\$224,980	\$224,980.00	\$0.00
Montgomery	\$147,857	\$147,857.00	\$0.00
Nassau	\$145,826	\$145,826.00	\$0.00
NYC	\$189,628	\$189,621	\$7
Niagara	\$171,295	\$171,295	\$0

County	2018 PSAP Award Amount	Vouchered	Balance
Oneida	\$187,141	\$187,141	\$0
Onondaga	\$191,407	\$191,407	\$0
Ontario	\$196,826	\$196,826	\$0
Orange	\$162,755	\$162,755	\$0
Orleans	\$137,772	\$137,772	\$0
Oswego	\$178,432	\$178,432	\$0
Otsego	\$157,615	\$157,615	\$0
Putnam	\$114,462	\$114,462	\$0
Rensselaer	\$164,784	\$164,784	\$0
Rockland	\$264,151	\$264,151	\$0
Saratoga	\$133,450	\$133,450	\$0
Schenectady	\$192,939	\$192,939	\$0
Schoharie	\$119,667	\$119,667	\$0
Schuyler	\$177,321	\$176,505	\$816
Seneca	\$167,874	\$167,864	\$10

County	2018 PSAP Award Amount	Vouchered	Balance
St. Lawrence	\$200,279	\$199,315	\$964
Steuben	\$187,541	\$187,541	\$0
Suffolk	\$173,668	\$173,668	\$0
Sullivan	\$162,123	\$162,123	\$0
Tioga	\$128,678	\$128,678	\$0
Tompkins	\$148,036	\$148,036	\$0
Ulster	\$141,457	\$141,457	\$0
Warren	\$169,025	\$143,144	\$25,881
Washington	\$163,861	\$163,861	\$0
Wayne	\$163,422	\$163,316	\$106
Westchester	\$166,828	\$166,828	\$0
Wyoming	\$140,071	\$140,071	\$0
Yates	\$167,513	\$167,513	\$0
Total	\$10,000,000	\$9,960,685	\$39,315

J. 2019 PSAP Operations Grant Summary

As of 12/28/2022

County	2019 PSAP Award Amount	Vouchered	Balance
Albany	\$265,378	\$265,378	\$0
Allegany	\$130,863	\$130,863	\$0
Broome	\$237,798	\$231,116	\$6,682
Cattaraugus	\$188,546	\$188,546	\$0
Cayuga	\$185,825	\$185,825	\$0
Chautauqua	\$150,967	\$150,967	\$0
Chemung	\$172,031	\$172,031	\$0
Chenango	\$179,786	\$179,786	\$0
Clinton	\$115,804	\$115,804	\$0
Columbia	\$152,979	\$152,979	\$0
Cortland	\$192,583	\$192,583	\$0
Delaware	\$149,937	\$102,441	\$47,496
Dutchess	\$168,353	\$168,353	\$0
Erie	\$209,381	\$209,381	\$0
Essex	\$236,106	\$236,106	\$0

County	2019 PSAP Award Amount	Vouchered	Balance
Franklin	\$184,620	\$184,620	\$0
Fulton	\$186,017	\$186,017	\$0
Genesee	\$195,740	\$195,740	\$0
Greene	\$134,721	\$134,721	\$0
Hamilton	\$112,994	\$112,994	\$0
Herkimer	\$191,946	\$191,946	\$0
Jefferson	\$204,606	\$204,606	\$0
Lewis	\$171,949	\$171,949	\$0
Livingston	\$178,825	\$178,825	\$0
Madison	\$166,535	\$166,535	\$0
Monroe	\$264,755	\$264,755	\$0
Montgomery	\$197,601	\$197,412	\$189
Nassau	\$130,097	\$130,097	\$0
NYC	\$162,485	\$162,041	\$444
Niagara	\$149,373	\$149,373	\$0

County	2019 PSAP Award Amount	Vouchered	Balance
Oneida	\$186,169	\$186,169	\$0
Onondaga	\$189,412	\$189,412	\$0
Ontario	\$196,178	\$196,178	\$0
Orange	\$167,029	\$167,029	\$0
Orleans	\$118,084	\$118,084	\$0
Oswego	\$179,637	\$179,637	\$0
Otsego	\$164,024	\$164,024	\$0
Putnam	\$99,911	\$99,911	\$0
Rensselaer	\$144,186	\$144,186	\$0
Rockland	\$296,142	\$296,142	\$0
Saratoga	\$164,959	\$164,959	\$0
Schenectady	\$198,130	\$198,130	\$0
Schoharie	\$109,890	\$109,890	\$0
Schuyler	\$173,393	\$173,393	\$0
Seneca	\$143,537	\$143,537	\$0

County	2019 PSAP Award Amount	Vouchered	Balance
St. Lawrence	\$193,447	\$199,284	\$163
Steuben	\$187,468	\$187,468	\$0
Suffolk	\$203,083	\$203,083	\$0
Sullivan	\$165,084	\$165,084	\$0
Tioga	\$131,130	\$131,130	\$0
Tompkins	\$172,173	\$172,173	\$0
Ulster	\$123,664	\$123,664	\$0
Warren	\$145,935	\$145,935	\$0
Washington	\$149,071	\$149,071	\$0
Wayne	\$183,796	\$183,796	\$0
Westchester	\$127,807	\$127,807	\$0
Wyoming	\$121,462	\$121,462	\$0
Yates	\$196,598	\$196,598	\$0
Total	\$10,000,000	\$9,945,026	\$54,974

K. 2020 PSAP Operations Grant Summary

As of 12/28/2022

County	2020 PSAP Award Amount	Vouchered	Balance
Albany	\$236,969	\$236,969	\$0
Allegany	\$135,050	\$135,050	\$0
Broome	\$210,433	\$210,433	\$0
Cattaraugus	\$180,381	\$180,381	\$0
Cayuga	\$179,043	\$179,043	\$0
Chautauqua	\$165,857	\$165,857	\$0
Chemung	\$220,865	\$45,528	\$175,337
Chenango	\$188,034	\$0	\$188,034
Clinton	\$114,183	\$114,183	\$0
Columbia	\$148,090	\$148,090	\$0
Cortland	\$188,819	\$78,328	\$110,491
Delaware	\$142,977	\$132,253	\$10,724
Dutchess	\$159,510	\$159,510	\$0
Erie	\$196,268	\$196,268	\$0
Essex	\$226,858	\$226,858	\$0

County	2020 PSAP Award Amount	Vouchered	Balance
Franklin	\$160,516	\$160,516	\$0
Fulton	\$173,933	\$173,933	\$0
Genesee	\$205,530	\$205,530	\$0
Greene	\$112,247	\$112,247	\$0
Hamilton	\$137,357	\$137,357	\$0
Herkimer	\$201,336	\$201,336	\$0
Jefferson	\$210,438	\$210,432	\$6
Lewis	\$227,334	\$227,334	\$0
Livingston	\$182,317	\$182,214	\$103
Madison	\$187,125	\$187,125	\$0
Monroe	\$221,878	\$221,878	\$0
Montgomery	\$194,263	\$194,263	\$0
Nassau	\$123,454	\$0	\$123,454
NYC	\$170,879	\$170,640	\$239
Niagara	\$140,375	\$140,375	\$0

County	2020 PSAP Award Amount	Vouchered	Balance
Oneida	\$168,751	\$168,751	\$0
Onondaga	\$175,126	\$175,126	\$0
Ontario	\$208,817	\$208,817	\$0
Orange	\$149,285	\$149,285	\$0
Orleans	\$109,660	\$109,656	\$4
Oswego	\$191,323	\$191,323	\$0
Otsego	\$205,304	\$198,107	\$7,197
Putnam	\$93,237	\$93,237	\$0
Rensselaer	\$144,826	\$0	\$144,826
Rockland	\$351,925	\$351,925	\$0
Saratoga	\$138,956	\$138,956	\$0
Schenectady	\$179,195	\$179,195	\$0
Schoharie	\$100,300	\$100,300	\$0
Schuyler	\$179,979	\$179,979	\$0
Seneca	\$167,991	\$167,908	\$83

County	2020 PSAP Award Amount	Vouchered	Balance
St. Lawrence	\$209,815	\$209,815	\$0
Steuben	\$169,118	\$169,118	\$0
Suffolk	\$209,251	\$209,251	\$0
Sullivan	\$173,553	\$173,553	\$0
Tioga	\$129,555	\$129,555	\$0
Tompkins	\$131,693	\$131,693	\$0
Ulster	\$125,412	\$125,412	\$0
Warren	\$145,394	\$144,663	\$731
Washington	\$145,590	\$145,590	\$0
Wayne	\$194,040	\$37,338	\$156,702
Westchester	\$136,422	\$136,422	\$0
Wyoming	\$113,897	\$113,897	\$0
Yates	\$209,266	\$209,266	\$0
Total	\$10,000,000	\$9,082,069	\$917,931

L. **2021 PSAP Operations Grant Summary**

As of 12/28/2022

County	2021 PSAP Award Amount	Vouchered	Balance
Albany	\$220,092	\$0	\$220,092
Allegany	\$131,843	\$0	\$131,843
Broome	\$228,633	\$0	\$228,633
Cattaraugus	\$188,242	\$188,242	\$0
Cayuga	\$220,950	\$190,950	\$30,000
Chautauqua	\$169,569	\$169,569	\$0
Chemung	\$234,617	\$0	\$234,617
Chenango	\$176,297	\$0	\$176,297
Clinton	\$154,985	\$0	\$154,985
Columbia	\$163,362	\$0	\$163,362
Cortland	\$197,805	\$0	\$197,805
Delaware	\$152,921	\$0	\$152,921
Dutchess	\$163,057	\$0	\$163,057
Erie	\$204,292	\$0	\$204,292
Essex	\$245,290	\$0	\$245,290

County	2021 PSAP Award Amount	Vouchered	Balance
Franklin	\$164,307	\$164,307	\$0
Fulton	\$177,041	\$177,041	\$0
Genesee	\$185,949	\$185,949	\$0
Greene	\$152,531	\$0	\$152,531
Hamilton	\$170,317	\$0	\$170,317
Herkimer	\$207,989	\$207,989	\$0
Jefferson	\$185,195	\$185,195	\$0
Lewis	\$162,253	\$0	\$162,253
Livingston	\$152,793	\$152,792	\$1
Madison	\$160,552	\$0	\$160,552
Monroe	\$240,935	\$240,935	\$0
Montgomery	\$211,150	\$0	\$211,150
Nassau	\$131,629	\$0	\$131,629
NYC	\$201,451	\$0	\$201,451
Niagara	\$152,870	\$152,870	\$0

County	2021 PSAP Award Amount	Vouchered	Balance
Oneida	\$177,675	\$0	\$177,675
Onondaga	\$213,818	\$0	\$213,818
Ontario	\$225,692	\$225,692	\$0
Orange	\$155,422	\$155,422	\$0
Orleans	\$93,490	\$93,486	\$4
Oswego	\$174,356	\$0	\$174,356
Otsego	\$187,260	\$0	\$187,260
Putnam	\$101,559	\$0	\$101,559
Rensselaer	\$168,105	\$0	\$168,105
Rockland	\$167,709	\$0	\$167,709
Saratoga	\$118,764	\$0	\$118,764
Schenectady	\$178,688	\$0	\$178,688
Schoharie	\$108,584	\$95,844	\$12,740
Schuyler	\$183,334	\$113,733	\$69,601
Seneca	\$159,186	\$0	\$159,186

County	2021 PSAP Award Amount	Vouchered	Balance
St. Lawrence	\$207,604	\$0	\$207,604
Steuben	\$180,108	\$180,108	\$0
Suffolk	\$196,175	\$0	\$196,175
Sullivan	\$157,898	\$0	\$157,898
Tioga	\$129,044	\$129,044	\$0
Tompkins	\$142,982	\$0	\$142,982
Ulster	\$119,511	\$0	\$119,511
Warren	\$147,706	\$0	\$147,706
Washington	\$147,776	\$0	\$147,776
Wayne	\$186,856	\$0	\$186,856
Westchester	\$156,790	\$156,790	\$0
Wyoming	\$96,817	\$0	\$96,817
Yates	\$208,176	\$197,197	\$10,979
Total	\$10,000,000	\$3,363,154	\$6,636,846

VI. APPENDIX B

A. Interoperable Communication Consortiums

#	Consortium Name	Consortium Membership (County Name)
1	Adirondack Regional Interoperable Communications Consortium	Albany, Clinton, Essex, Franklin, Fulton, Hamilton, Herkimer, Montgomery, Rensselaer, Saratoga, Schenectady, St. Lawrence, Warren, Washington
2	Capital Region Urban Area Working Group	Albany, Rensselaer, Saratoga, Schenectady, Schoharie
3	Catskill Interoperable Communications Consortium	Columbia, Delaware, Dutchess, Greene, Otsego, Putnam, 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	Allegany, Chemung, Genesee, Livingston, Monroe, Ontario, Orleans, Seneca, Schuyler, Steuben, Wayne, Wyoming, Yates
6	Hudson Valley Interoperable Communications Consortium	Columbia, Dutchess, Orange, Putnam, Rockland, Sullivan, Ulster, Westchester
7	New York City Interagency Communications Committee	Nassau, Suffolk, Westchester and 5 Counties in New York City
8	Southern Tier East Regional Emergency Service Interoperable Communications Alliance	Broome, Chenango, Cortland, Delaware, Otsego, Tioga, Tompkins
9	Western New York Interoperable Communications Consortium	Allegany, Cattaraugus, Chautauqua, Erie, Genesee, Niagara, Orleans, Wyoming