



AN EDUCATOR'S GUIDE TO SCHOOL SAFETY TECHNOLOGIES & FUNDING

Sponsored By



MOTOROLA SOLUTIONS

Solving for safer to help students flourish

The power of the technology ecosystem

At Motorola Solutions, we're solving for safer. Our safety and security ecosystem helps nurture the next generation of thinkers with video security spanning campuses, analytics detecting anomalies, administrators managing doors and school personnel directly connecting with law enforcement. Because the only thing students should have to worry about is their next exam.

Critical communications devices and networks that perform exceptionally in the toughest conditions and are proven to help teams stay connected and communicate with clarity.



Video security systems powered by responsibly-built artificial intelligence (AI) analytics that can alert people when action is needed, focusing human attention to cover more ground and act with more certainty.



Panic buttons that instantly communicate any type of emergency to 9-1-1, while simultaneously connecting to on-site personnel, first responders and those involved, to keep everyone informed and engaged throughout a situation.



Get in touch with a Motorola Solutions representative today

SAFER STARTS HERE



MOTOROLA SOLUTIONS

Motorola Solutions, Inc. 500 West Monroe Street, Chicago, IL 60661 U.S.A. motorolasolutions.com

MOTOROLA, MOTO, MOTOROLA SOLUTIONS and the Stylized M Logo are trademarks or registered trademarks of Motorola Trademark Holdings, LLC and are used under license. All other trademarks are the property of their respective owners.

© 2023 Motorola Solutions, Inc. All rights reserved. 12-2023 [MJ01]



FROM THE EDITOR

A safe, orderly and welcoming environment for students and educators is crucial for any school to fulfill its educational goals but creating that safe environment has become an increasing challenge. In light of ever-evolving safety concerns, educational institutions are bolstering their security measures with technologies that can deter threats and facilitate an immediate, effective response should an incident occur.

School safety grants at the federal and state level play a vital role enabling districts to equip their campuses with the latest equipment and technology. One of the most useful discretionary federal grant programs pertaining to school

safety is the School Violence Prevention Program (SVPP), administered through the U.S. Department of Justice.

This eBook is a guide to help your school navigate federal and state funding, including COPS SVPP, for school safety technologies like access control, lighting, video security and command centers that can strengthen security at your schools.

Stay safe,

Sarah Wilson, vice president of the Grant Division at Lexipol & EducationGrantsHelp

CONTENTS

4

FEDERAL FUNDING OPPORTUNITIES: PREPARE TO APPLY

8

PREPARING FOR COPS SVPP

13

SECURING OUR SCHOOLS: EXPLORING STATE GRANTS FOR SCHOOL SAFETY

16

4 TECHNOLOGIES ELIGIBLE FOR EDUCATION GRANTS FUNDING TO HELP KEEP SCHOOLS SAFE



FEDERAL FUNDING OPPORTUNITIES: PREPARE TO APPLY

This article introduces a series intended to help your school district navigate federal and state funding. It will outline steps for preparing to apply for grants to help your school achieve its safety and security goals with Motorola Solutions products and solutions.

Motorola Solutions understands the crucial importance of creating a safe, orderly and welcoming environment for students and educators. Provided in this article is a review of federal funding priorities with a focus on the company's sponsored products.

Overview of funding to support school districts' safety and security needs

This information will help you find funding to support your implementation. This is not an exhaustive list of all available funding but rather highlights sources school districts have found

most applicable to their safety and security funding. Depending on your district's location/region, security needs, grant timeline and availability, funding can be limited.

- **President's 2023 budget:** School Safety National Activities (SSNA) is a broad discretionary authority under Section 4631 of the Elementary and Secondary Education Act of 1965 (ESEA) for activities to improve students' safety and well-being.¹ Activities under the program may be carried out through grants, contracts or cooperative agreements with public and private organizations or individuals, or through agreements with other federal agencies. The School Safety National Activities program statute also authorizes the longstanding Project School Emergency Response to Violence (Project SERV) program, which provides education-related services –



including counseling and referral to mental health services as needed – to local educational agencies.

- **Bipartisan Safer Communities Act:** The BSCA includes \$1 billion through Title IV, Part A of the Elementary and Secondary Education Act for state educational agencies (SEAs) to competitively award subgrants to high-need local educational agencies (LEAs). These subgrants help LEAs establish safer and healthier learning environments and prevent and respond to acts of bullying, violence and hate that impact our school communities at individual and systemic levels, among other programs and activities.²
- **State funding initiatives:** Appropriations and implementation bills authorize the spending of public money on an annual basis. The appropriations measures passed by the legislature comprise the state budget, including safety and security initiatives.

Step-by-step guide to apply for federal funding

Follow these steps to become eligible to apply for federal funding:

1. **Obtain a Unique Entity Identifier (UEI):** First, your organization must register with SAM.gov to obtain a Unique Entity Identifier (UEI). The UEI is a 12-character alphanumeric identifier assigned to all entities (public and private companies, individuals, institutions or organizations) to do business with the federal government. Organizations will also need to designate an e-business point of contact. Note: It can take 7–10 business days to fully complete the registration process required for most funding opportunities.
 - A. Register with the System for Award Management (SAM): To apply for grants to organizations through Grants.gov, your organization must be registered with the



U.S government through its System for Award Management (SAM.gov). [Sign in and search](#) to see if your organization is already registered.

B. If your organization is not registered at SAM.gov, go to the [SAM.gov registrations page](#) to obtain a UEI.

2. Register at Grants.gov: After obtaining the UEI from SAM.gov, return to Grants.gov to continue registration. There is no fee for registering with Grants.gov. Your organization's ebiz point of contact must create a Grants.gov account with the same email address as used in SAM.gov and add a profile with Grants.gov using the UEI obtained from SAM.gov.

3. Create a Grants.gov applicant account: To create a Grants.gov applicant account, an email address, phone number and organization name are required. In addition, an account with Login.gov is required, if it does not already exist. Then, create a username and password and link the Grants.gov account with the Login.gov account. For more information about creating accounts on Grants.gov, see the [Grants.gov registration page](#).

4. Search and apply: Find grants using the search feature in Grants.gov and review the

RFP and all other pertinent supplemental docs provided. Once your school district is ready to apply, follow the steps to create a workspace for the specific grant solicitation your school intends to apply for.

To apply for state funding, we encourage your school district to monitor their state's department of education website, which should frequently provide information about current and future allocations and grant requests for proposals (RFPs) supporting LEA safety and security initiatives. Information provided by the state should include grant application instructions and next steps along with the solicitation deadline and required templates.

Eligible sponsored Motorola Solutions products

Motorola Solutions provides innovative products school districts can trust and rely on to help them develop critical and comprehensive security measures. These integrated solutions will aid in the prevention of incidents from occurring and ensure school districts have the necessary tools and resources in place to support student and staff safety. Provided here is a list of eligible Motorola-sponsored products and solutions aligned to federal and state grants to help meet your school's needs:

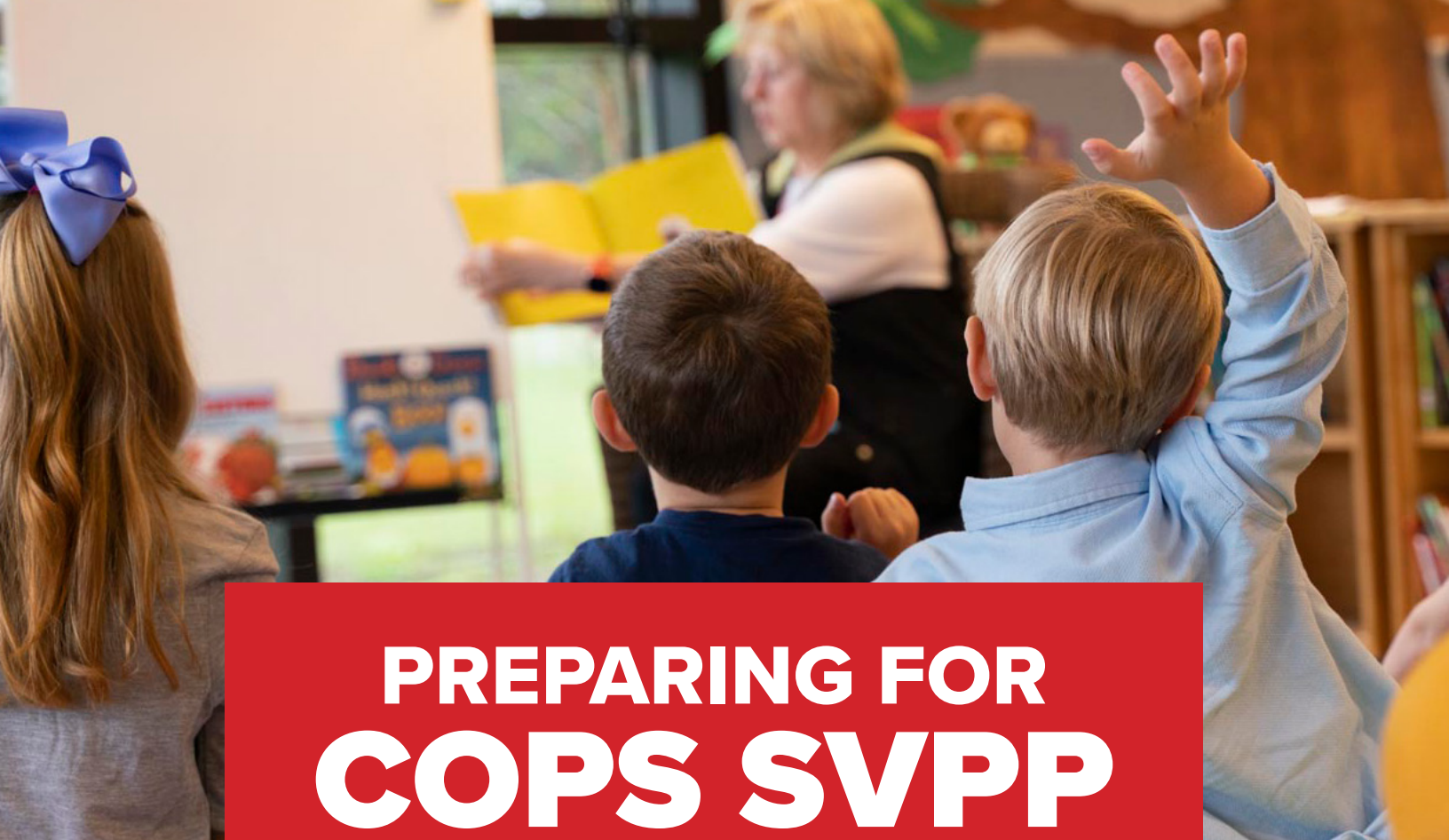
- **Security software:** [CommandCentral Aware](#) situational awareness software allows school personnel and responders to monitor and better understand emergencies, and integrate with other Motorola Solutions security solutions.
- **Camera equipment:** [Avigilon security cameras](#) allow effective surveillance of school campuses to improve threat detection. Each camera feed can be transmitted to a monitor with an individual assigned to watch the video feed to recognize problem behavior. This allows security staff to respond immediately to the location of the incident.
- **Body-worn camera:** Motorola Solutions offers a range of [body-worn cameras](#) that can be worn in schools to monitor environments, evaluate incidents, capture evidence and ensure school resource officers are performing well.
 - Body-worn cameras have become essential in law enforcement, as they provide an objective record of interactions between police officers and the public.
 - The footage captured by these cameras can be used for evidence, training and accountability purposes, promoting transparency and improving law enforcement practices.

Learn more about Motorola Solutions' products to help school districts create a safe place for educators to teach and where students can learn and grow.

References

1. "Fiscal Year 2023 Budget Summary." U.S. Department of Education. www2.ed.gov/about/overview/budget/budget23/summary/23summary.pdf
2. "Bipartisan Safer Communities Act." U.S. Department of Education, Office of Elementary and Secondary Education. <https://oese.ed.gov/bipartisan-safer-communities-act/>





PREPARING FOR COPS SVPP

One of the most useful discretionary federal grant programs pertaining to school safety is the School Violence Prevention Program (SVPP), which is facilitated through the Office of Community Oriented Policing Services (COPS Office) as a component of the U.S. Department of Justice. This funding program was established and authorized under the Students, Teachers and Officers Preventing (STOP) School Violence Act of 2018 and provides grants directly to states, units of local government, Indian tribes and their public agencies (i.e., public schools) to improve security at schools and on school grounds through evidence-based safety programs. To achieve this critical goal, SVPP funding is authorized and available under the following purpose areas:

- Coordination with local law enforcement.
- Training for local law enforcement officers to prevent student violence against others and self.
- Placement and use of metal detectors, locks, lighting and other deterrent measures.

- Acquisition and installation of technology for expedited notification of local law enforcement during an emergency.
- Any other measure that, in the determination of the COPS Office director, may provide a significant improvement in security.

A variety of applicants are eligible to apply for SVPP, including states, units of local government, Indian tribes and their public agencies. Public agencies include school districts, including public charter schools and districts with a single school, school boards, and law enforcement agencies. For the purposes of the SVPP program, a school is defined as an elementary or secondary school (K–12), including a bureau-funded school. Individual schools not operating as school districts, independent schools or private schools (including private charter schools) are not eligible to apply as primary applicants.

Allowable projects include funding civilian personnel to serve as coordinators with local law enforcement, training for local law enforcement



officers, the purchase and installation of certain allowable equipment and technology, and other measures to significantly improve school security. The period of performance for SVPP has traditionally stayed the same over the years, allowing awardees three years to execute their projects.

During the most recent funding cycle (FY23), the SVPP program had approximately \$73 billion available to disperse among grant awardees, with the individual maximum federal request threshold being \$500,000 and a required minimum 25% local cash match. Applicants should note the cash match requirement, as some federal grant programs allow applicants to indicate whether the required match amount will be provided as a cash (hard) match or in-kind (soft) match – in the case of SVPP, only cash matches are acceptable. Additionally, approximately \$1 million of the total program funding in the most recent cycle was reserved for microgrants to school districts, including rural, tribal and low-resourced schools. The maximum federal request for the microgrant category was \$100,000 or less, and while it still required a 25% local cost share, if applicants could demonstrate severe financial need, the COPS Office had the discretion to waive the requirement on an individual basis.

Allowable and unallowable expenses

The COPS Office outlines anticipated outcomes of SVPP awards in their notice of funding opportunity (NOFO), including: improved information sharing with local law enforcement; increased interaction and improved communications between law enforcement and school officials; reduced notification times to law enforcement; improved response times to threats and events; accurate identification of danger and follow-up; increased knowledge of and use of community policing principles; and increased school safety and sustainability planning efforts. All applicants should keep these outcomes in mind when planning their project proposal.

All requested equipment and technology must be clearly linked to evidence-based principles that support these outcomes and the SVPP's overall objectives. Examples of eligible equipment include entry-control equipment, door locking mechanisms/access-control doors, school site alarm and protection systems (including motion detectors) and lighting. Eligible technology includes communication technology, emergency call boxes, PA systems, panic/ alarm notification systems, two-way radios, identification technology (ID scanning devices

and accompanying equipment), GIS software for mapping schools/bus routes and security camera systems.

Conversely, there are many types of expenses that are frequently requested or asked about that are ineligible under SVPP. Some of these ineligible items include personnel costs for sworn officers or civilian security guards, automatic license plate recognition software, biometric technology (including facial recognition technology), body-worn cameras, bulletproof vests, CAD or RMS systems, electronic control weapons, general law enforcement vehicles, MDTs and unmanned aerial vehicles (drones). This is not an exhaustive list of unallowable equipment, so be sure to review the SVPP NOFO for additional information on all ineligible items.

As a condition of funding, if awarded, recipients must conduct comprehensive school safety assessments during the grant award period to inform upon measures necessary to improve school safety and ensure a positive and safe learning environment for students.

Additional funding sources

It is worth noting that both the Bureau of Justice Assistance (BJA) and the Office of Juvenile Justice and Delinquency Prevention (OJJDP) also provide grants under STOP Act funding, though they are focused on different purpose areas and project types from the COPS Office's SVPP. While applicants can submit proposals for both SVPP and BJA or OJJDP funding, applications must not be duplicates – proposals must fund distinctly different projects and items. It is also important to distinguish between the availability of funding offered through SVPP and other programs also funded through the STOP School Violence Act. The COPS SVPP program is the only grant program that allows for target-hardening equipment, unlike BJA or OJJDP. As a provision of the STOP School Violence Act, BJA and OJJDP funds cannot be used for the purchase of target-hardening equipment to secure schools, such as cameras, security systems, etc.

Start early for the next cycle

The SVPP program is a competitive, discretionary grant program and, as one of the leading federal grant programs prioritizing school safety, highly popular. As such, it is helpful for interested applicants to initiate the planning process early in preparation for the next upcoming cycle.

The first step an eligible applicant would need to take is identifying and qualifying a project. Typically, this is achieved by conducting either a formal or informal needs assessment. What specific challenges pertaining to school security and ensuring a safe environment exist on your campus? What operational or technological gaps do you face? Are there any recent incidents that can help demonstrate or support the need for this type of project? What is the overall safety climate? During this strategic planning process, it can be helpful to consider several key elements that can help facilitate and guide applicants towards a competitive project.

- **Site and risk assessment(s):** Examine the overall safety, accessibility and emergency preparedness of school buildings to improve your understanding of specific threats or hazards that could potentially be addressed through an implementation plan.
- **Review any existing planning documents:** These include emergency operations plans, procedures and protocols, threat assessment processes, etc. Often these documents outline long-term goals, desired technology improvements or recommendations that could leverage SVPP funding.
- **Identify existing efforts:** Include school climate improvement efforts and initiatives the school is presently implementing and any existing school safety partnerships in the context of how those efforts could be enhanced, built upon or complemented by additional projects or investments.
- **Coordinate with stakeholders:** These include local first responders (law enforcement, fire departments, emergency medical services



personnel), as well as local government officials, mental health entities and community partners who may offer insight into additional safety measures or resource enhancement schools could incorporate based on their individual specialties and expertise. Remember that improved information-sharing and coordination of resources are two of the core intended objectives of SVPP!

- **Obtain feedback and/or buy-in:** Seek this from students, parents/guardians, staff and other stakeholders. What is their current perception of the school’s overall safety? What improvements would they like to see and/or what resources do they feel might contribute to a safer overall environment and curate a positive learning atmosphere? This can be an invaluable opportunity to view school safety efforts through a different lens.

Once you have compiled the results of those efforts to make an informed determination as to your grant project, it is time to get started on the application!

The SVPP application process

You might find yourself wondering what the actual SVPP application process entails.

For starters, applicants need to be aware that SVPP has a two-part application process, which

means there are two deadlines to keep in mind. The first step is to submit the Standard Applicant Information in [Grants.gov](https://www.Grants.gov), the site where all federal grantmaking agencies publish their Funding Opportunity Announcements (FOAs) and include all pertinent information and requirements of that particular grant program. The Standard Applicant Information can be several basic forms that cover your organization’s information, high-level project information (including total projected budget, requested federal share and match amount) and assurances pertaining to finances and any lobbying activity. Once the Standard Applicant Information is submitted and approved, applicants move on to complete the full package in the [JustGrants](https://www.JustGrants.gov) (Justice Grants) portal, which is the federal grant application site for all Department of Justice (DOJ) grant programs. Typically, the difference between these two deadlines is about a week, so be prepared to submit that Standard Applicant package in time to meet the first deadline.

The SVPP application is very similar to most other federal grant programs. The package includes a proposal abstract, survey questions, short-format questions pertaining to the organizational background, security need and fiscal need, and then the main proposal narrative and budget (questions and associated narrative and documentation.) Applicants should be prepared to answer the questions in a way that



clearly demonstrates the need for the requested resources and how they will be effectively integrated into the overall school safety efforts. Applicants will also need to describe the current state of their school safety planning and assessment efforts, which can be a great opportunity to further highlight the need for the proposed project.

Your application will also need to address how the resources being requested correlate to evidence-based school safety interventions and should clearly link each individual budget item to those comprehensive efforts. Your organization's management and implementation plan will need to be outlined through a detailed quarterly timeline with associated key activities and milestones, the identification of key partners or stakeholders and what their role(s) will be in the project, and how your organization plans to sustain the project after the grant award is closed out. When completing the budget worksheet and narrative, applicants need to remember all items must be "reasonable, allocable and allowable." Specifically detail how those requested resources will contribute to the project's and SVPP's objectives and be integrated into your comprehensive school safety plan.

Lastly, letters of support are required from major partners and any significant stakeholders or when there are coordinated efforts. These are separate from the proposal narrative and should be drafted and circulated early on to those partners to ensure the application process is not held up. Additionally, up to five letters of support from others, such as parents, teachers or even students, can be uploaded with the application. This can be an immensely helpful contribution to justify the need and community support for your project.

Drafting a grant application can be a time-consuming process. Be sure to allow adequate planning, coordination and project development time in advance of the application's deadline. And remember, you are your best advocate! While this information is intended to provide a solid foundation of knowledge related to the School Violence Prevention Program, specific application components and tips and tricks, the most competitive applicants are those who identify a multidisciplinary approach to comprehensive school safety tailored to their individual needs and environment, so tell your own story!



SECURING OUR SCHOOLS: EXPLORING STATE GRANTS FOR SCHOOL SAFETY

In an era of ever-evolving safety concerns, states across the United States are stepping up to strengthen their security measures. One of the most effective ways they are doing this is through state grants that fund a variety of safety initiatives, which have been instrumental in enhancing public safety, promoting innovative technology and bolstering emergency response systems, especially within schools. School safety grants play a vital role in fortifying educational institutions with the latest equipment and technology and ensuring a secure and nurturing environment for learning.

This article delves into state-specific grant programs by highlighting specific examples and commonalities between various programs, exploring competitive versus noncompetitive formula grants and providing guidance on how best to stay informed.

State-specific grant programs: A closer look

States recognize that safety and security are paramount and have developed grant programs tailored to address these concerns. These include categories such as:

Telematics equipment: Telematics, a technology that combines telecommunications and informatics, is increasingly used in safety initiatives. State grants have supported the acquisition and installation of telematics equipment in emergency vehicles and public transportation. For example, the Ohio Department of Public Safety has provided grants to local fire departments to invest in telematics systems for their vehicle fleets. These systems not only improve response times but also enhance overall safety on the road.

Radio communications: Effective communication is crucial in emergency situations. State grants often fund the procurement of advanced radio communication systems. In California, the Secure Emergency Network program supports local agencies in acquiring, maintaining and upgrading interoperable radio systems. These systems allow first responders to communicate seamlessly, leading to more coordinated and efficient emergency responses.

Cybersecurity: With the increasing frequency of cyberattacks, states are investing in strengthening digital defenses. New York's Cybersecurity Enhancement Act, for instance, provides funding to enhance the cybersecurity posture of public and private organizations. This includes resources for training, threat detection and incident response, ensuring the protection of critical data and infrastructure.

Video security: Surveillance systems play a vital role in public safety. Grants in states such as Texas support the deployment of video security systems in public places, transportation hubs and schools. These systems not only deter criminal activities but also provide valuable evidence in case of incidents.

Commonalities in state grant programs

While the specific details of school safety grant programs may vary, there are common themes and components that are often funded, including:

Security systems and access control: Grants from states like Texas have funded the installation of security systems and access control measures in schools. These systems can include surveillance cameras, controlled entry points and alarms, all of which help deter potential threats and provide real-time monitoring of school premises.

Mental health and counseling services: Several states, including California, have recognized the importance of mental health support within schools as a key violence prevention measure. Grants are awarded to facilitate the hiring of counselors and therapists and for the

implementation of mental health programs that provide students with the early skills they need to help navigate life challenges.

Emergency response training: Preparing school staff for emergency situations is critical. Grants are often provided to conduct training programs for teachers and administrators, ensuring they can respond effectively in crises like active-shooter situations or natural disasters.

Technology for communication: Effective communication is vital during an emergency. Grants may cover the costs of communication technology like two-way radios, alert systems and messaging platforms to keep staff, students and parents informed during critical situations.

Competitive vs. noncompetitive formula grants

Understanding the nature of state grants is essential for applicants. Grants generally fall into two categories: competitive grants and noncompetitive formula grants.

Competitive grants: Competitive grants require educational institutions and entities to submit proposals or applications, which are then evaluated based on specific criteria. The competition includes multiple applicants vying for limited funds. Competitive grants often prioritize innovative programs that demonstrate a clear need and potential for impact.

For example, the Safe Schools Initiative in Maryland invites schools and districts to submit competitive grant applications outlining their safety improvement projects. These applications are then evaluated based on their alignment with the program's objectives and their potential for enhancing school safety.

Noncompetitive formula grants: Noncompetitive formula grants, also known as block grants, distribute funds based on a predetermined formula or set criteria. These grants are typically distributed to eligible recipients without the need for a competitive application process.



An example of this is the Illinois School Security Grant Program, which provides noncompetitive grants to public K–12 school districts based on a predetermined formula. The funds are allocated to help schools enhance their security infrastructure.

Locating state funding opportunities

Finding state funding opportunities for school safety initiatives is crucial. Here are some steps to help you identify and access these valuable resources:

State department of education: Start by visiting your state’s department of education website. Many state grant opportunities related to school safety are published and updated there. They often provide guidelines, eligibility requirements and deadlines.

Grant databases: Explore online grant databases such as Grants.gov, which allow you to search for grants by category, keyword and eligibility

criteria. While Grants.gov primarily focuses on federal grants, it can also direct you to relevant state grants.

Education associations and nonprofits: Reach out to education associations and nonprofit organizations that specialize in school safety. These entities often have valuable resources and can provide information on available grants and application assistance.

Grant consultants: If you’re struggling to identify grants or navigate the application process, consider seeking the assistance of grant consultants or professionals who specialize in grant writing.

By staying informed and leveraging the resources listed above, you can access the funding needed to bolster safety and security in your buildings, ultimately contributing to the well-being of your students and educators and ensuring schools remain environments for learning and growth.



4 TECHNOLOGIES ELIGIBLE FOR EDUCATION GRANTS FUNDING TO HELP KEEP SCHOOLS SAFE

FROM RADIOS TO VIDEO SECURITY, THESE TECHNOLOGIES BUILD A SCHOOL SECURITY ECOSYSTEM THAT HELPS PREVENT AND MITIGATE THREATS

School security is a major issue for the nation. Creating a safe K-12 learning environment and keeping students and school personnel safe requires a multipronged approach that includes prevention, communication, a coordinated response and documentation and analysis to gain critical insights and prevent future incidents. Federal, state and local funding is available for schools to purchase technologies so if a security threat unfolds, school personnel and law enforcement are equipped and prepared to respond instantly.

Targeted school violence can be prevented through technologies that provide deterrent measures like access control, lighting, video security and command centers. Should a security breach occur, technologies like alert systems, land mobile radio communications and command center software can enable expedited notification of local law enforcement and coordination between school personnel and emergency responders so threats are mitigated immediately.

These essential components of a school security ecosystem are eligible for grants funding:

1. Video security

The first step in preventing a threat on campus is detecting it at a distance and preventing entry.

[Avigilon](#) by [Motorola Solutions](#) offers video security systems and video management software to detect and alert when a suspicious or unauthorized vehicle or person enters the campus perimeter. Avigilon's high-resolution [bullet and box IP security cameras](#)



are weatherproof and rugged enough for deployments in parking lots, building entrances, sports fields and other outdoor areas. With multiple lens options and low-light capabilities, these cameras offer sharp long-range detail as well as the ability to zoom in for a closer look.

For indoor use, Avigilon's [dome and panoramic cameras](#) are small and discreet, offering wide-view situational awareness where needed, whether in corridors or classrooms. Built-in AI capabilities through Avigilon cameras and integration with video management software and license plate readers proactively detect and alert security personnel of critical events based on user-defined criteria.

2. Access control

Another proactive measure to prevent school security threats is to implement door access control systems. This helps determine who is authorized to enter a property or restricted area within a property – and who is not – and provides various techniques to manage and control access.

Security access controls can be placed at all entrances and exits, doors to classrooms, libraries, offices, secure spaces, and common

areas to manage access to students, personnel and authorized visitors. Avigilon's [access control solutions](#) can be configured in numerous ways to grant access by card swipe, key fobs, pins, smart devices and digital guest passes.

Settings can be adjusted to narrow access to restricted areas and expand access to first responders. Avigilon's access control systems can be managed remotely, locking or unlocking doors from any web-based device. It can also trigger sitewide lockdowns in the event of an emergency and dynamically adjust access to certain areas to manage movement of students and school personnel to safe locations and lock intruders out.

3. Communication devices

Whether a trashcan fire, tornado warning, lunchroom brawl or intruder, school threats can emerge, unexpectedly, from within the school. Instantaneous and reliable communication needs to happen among key personnel and with outside law enforcement, other schools and campuses and occasionally parents, guardians or the public at large. Technologies that enable communication across a range of formats are critical for conveying important information instantly.



One such technology is [Rave Panic Button](#). With the push of a button, the mobile app instantly communicates any kind of emergency to 911 and enables real-time collaboration with 911 and on-site personnel.

From a classroom, a teacher can access the app on their smartphone and press a button to instantly alert internal personnel, 911 and first responders of incidents like an active assailant, fire or medical emergency at their location.

A specific group of recipients can be designated according to the type of emergency – the school nurse and EMS for a medical emergency; the janitor and fire department for a toxic spill; the school resource officer for an altercation; the entire school for a tornado or fire emergency; parents and caregivers for early pickups and closings due to inclement weather.

In the event of activation of the panic button alert for an armed assailant, for example, 911 can use Rave Panic Button to activate digital check-ins with teachers on site to determine the

number and severity of injuries, where students and teachers are located and the status of the situation to give situational awareness to responders and determine greatest areas of need.

The Rave Panic Button works over school Wi-Fi, LTE cellular or even landlines for a true 911 integration.

Connectivity is critical. In some instances – like in a basement or stairwell or on a school bus pulling in front of a building – a Wi-Fi or LTE cellular connection is not available. That's when you need your trustworthy land mobile radio to bring you functionalities like transmitting photos, text and live video streams, giving on- and off-campus staff, administrators, school personnel and responders the ability to receive and share up-to-date intelligence from the classroom to the bus to the football field. [MOTOTRBO Digital Mobile Radios](#) bring together the best qualities of a LMR with push-to-talk capabilities and advanced features that help ensure critical information can always be shared to whoever needs to know.



4. Command center software

Hardening a campus against threats – inside and out – and creating a safe learning environment for students and school personnel requires preparing for any contingency.

If an unauthorized person tries to access a door, drives into a parking lot or lurks around the playground, security personnel need to know. If classes and activities are canceled due to inclement weather, administrators need to be able to easily notify school personnel, parents and caregivers by multiple methods of communication. If a medical emergency, fire or threat of violence happens in a classroom, 911 needs to be instantly notified and first responders be able to communicate directly with on-campus personnel for situational awareness.

[CommandCentral Aware](#), a centralized intelligence software, makes this all possible by bringing together the information collected by video security systems, access control and communications systems into one dashboard for immediate situational awareness and a complete 360-degree view of unfolding events. With video analytics features like appearance search, missing students can be located and suspicious visitors monitored. Real-time GPS mapping of

devices and people gives security personnel and authorized users insights into who is the closest appropriate individual to respond to an incident.

Should an evolving incident require a rapid emergency response, on-campus personnel can prepare first responders before they even arrive on scene by proactively sharing critical situational and location intelligence, including video and audio, using interoperable devices and radio networks.

Because enabling rapid response and documenting past incidents is key to preventing incidents from becoming tragedies, CommandCentral Aware captures video, location and other incident data to be used for investigations, after-action reports and prevention.

With funding available, every school in every district should have access to technologies that can help make schools safer so students can learn, teachers can teach and families can feel less trepidation when their children head off to school.

Learn more about [school safety solutions](#) and Motorola Solutions' [grant assistance program](#).

ABOUT THE SPONSOR

Motorola Solutions is solving for safer. We build and connect technologies to help protect people, property and places. Our solutions enable the collaboration between public safety agencies and enterprises that's critical for a proactive approach to safety and security. Learn more about how we're solving for safer communities, safer schools, safer hospitals, safer businesses – safer everywhere – at www.motorolasolutions.com.



RESOURCES



VISIT MOTOROLA SOLUTIONS



LEARN ABOUT MOTOROLA SOLUTIONS VISION FOR SAFER SCHOOLS



MOTOROLA SOLUTIONS GRANT ASSISTANCE PROGRAM



FOLLOW NEWS ABOUT EDUCATION GRANTS