

AEL Code	Title	FEMA Description	General Description
03OE-03-MEGA	System, Public Address, Handheld or Mobile	Systems for mass audio notification, including vehicle-mounted high powered speaker systems, or battery powered megaphone / public address systems with corded microphone.	Public address system.
		Software application and associated hardware and material for creating site/event credential badges and controlling scene access.	
04AP-05-CRED	System, Credentialing	Although some hardware would still be required, this functionality may also be obtainable via subscription as a cloud-based service, as opposed to purchasing software. However, special security considerations apply for data stored remotely. See 04AP-11-SAAS for further information.	Badge reader; access badges
04AP-09-ALRT	Systems, Public Notification and Warning	Systems used to alert the public of protective actions or to provide warning to the public in the event of an incident, such as sirens, the Emergency Alert System (EAS), the Integrated Public Alert and Warning System (IPAWS), and Wireless Emergency Alerts (WEA).	Public alert system.
		Sometimes referred to as "on-demand software", SAAS applications run on the provider servers, delivering functionality via the internet to any device having connectivity and the required browser or interface. Access to the application is obtained via a service subscription rather than outright purchase, with all updates and configuration requirements handled by the service provider. Some example SAAS applications include equipment tracking and maintenance, intra-application communication among client devices, and specialized software such as plume modeling. Note that purchasers of SAAS should consider the security aspects of the planned usage, particularly availability and the protection of sensitive information stored remotely. Internet connectivity is required to utilize SAAS applications unless specific failover measures such as a "hybrid cloud" are available. In addition, data is stored remotely on vendor equipment. Use of SAAS for mission critical applications should be thoroughly vetted before implementation.	Security software/subscriptions for software
04AP-11-SAAS	Applications, Software as a Service	System used to provide enhanced remote authentication, usually consisting of a server, some synchronization scheme, and a device, token, or smartphone application.	Multi-factor authentication.
05AU-00-TOKN	System, Remote Authentication	Encryption software for protecting stored data files or email messages.	Encryption software; data security software
05EN-00-ECRP	Software, Encryption	Encryption software for protecting stored data files or email messages.	Endpoint protection software.
05HS-00-MALW	Software, Malware/Anti-Virus Protection	Personal firewall for operation on individual workstations. Usually a software solution, but appliances are also available. See also: 05NP-00-FWAL.	Firewall network for computers.
05HS-00-PFWL	System, Personal Firewall	Firewall (software or standalone appliance) for use in protecting networks. See also 05HS-00-PFWL.	Firewall network for computers.
05NP-00-FWAL	Firewall, Network	Intrusion Detection and/or Prevention System (IDS, IPS) deployed at either host or network level to detect and/or prevent unauthorized or aberrant behavior on the network. Software and hardware (appliance) solutions exist. This replaces item 05NP-00-IDS and incorporates more recent prevention technology.	Endpoint protection software; network security (hardware/software); firewall
05NP-00-IDPS	System, Intrusion Detection/Prevention	Individual/portable radio transceivers.	Portable radios; "walkie-talkies"
06CP-01-PORT	Radio, Portable	Paging services/systems, 1-way text messaging.	Paging system.
06CC-02-PAGE	Services/Systems, Paging	System for hands-free (wired or wireless) communication for limited numbers of personnel in close proximity, such as vehicle crew members. Includes systems designed for underwater use.	Intercom system.
06CP-03-ICOM	Intercom	Speaker/microphone extensions to portable radios. Sometimes used within encapsulated/partially encapsulated suits, where restricted access to radio equipment impedes normal portable radio operations. Also includes programming/cloning cables.	Radios.
06CP-03-PRAC	Accessories, Portable Radio	Generators, varying types and sizes, including gasoline, diesel, propane, natural gas, alternator, gas turbine powered devices, etc.	Power generators.
10GE-00-GENR	Generators	Alert and notification equipment that allows for real-time dissemination of information and intelligence among responders via equipment such as cellular phones, pagers, text messaging, etc.	
		This functionality may also be obtainable via subscription as a cloud-based service using a web browser interface or a mobile app, as opposed to local software. However, special security considerations apply for data stored remotely. See 04AP-11-SAAS for further information.	RAVE or RAVE similar alert/notification systems.
13IT-00-ALRT	System, Alert/Notification	Back-up computer hardware, operating systems, data storage, and application software necessary to provide a working environment for contingency operations. May be a purchased remote service or a dedicated alternate operating site.	
14CI-00-COOP	System, Information Technology Contingency Operations	This functionality may also be obtainable via subscription as a cloud-based service. However, special security considerations apply for data stored remotely. See 04AP-11-SAAS for further information.	Backup software/hardware; end services.
14EX-00-BCAN	Receptacles, Trash, Blast-Resistant	Blast-resistant trash receptacles.	Blast-resistant trash receptacles.
14EX-00-BSIR	Systems, Building, Blast/Shock/Impact Resistant	Systems to mitigate damage from blasts, shocks, or impacts, such as column and surface wraps, wall coverings, breakage/shatter resistant glass, window wraps, and deflection shields.	Blast-resistant window film.
		Systems and standalone sensors designed to detect access violations or intrusions using sensors such as door/window switches, motion sensors, acoustic sensors, seismic, and thermal sensors. May also include temperature sensors for critical areas.	Motion detectors.
14SW-01-ALRM	Systems/Sensors, Alarm	Reinforced doors and gates with increased resistance to external impact for increased physical security.	Reinforced doors.
14SW-01-DOOR	Doors and Gates, Impact Resistant	Fixed high-intensity lighting systems for improved visibility in areas such as building perimeters and surveillance zones.	Facility lighting; parking lot, exterior of building, area lighting.
14SW-01-LITE	Lighting, Area, Fixed	Locking devices and entry systems for control of physical access to facilities.	Locking system for doors and other entrances.
14SW-01-PACS	System, Physical Access Control		

		Systems for positive identification of personnel as a prerequisite for entering restricted areas or accessing information systems.	
14SW-01-SIDP	Systems, Personnel Identification	This functionality may also be obtainable via subscription as a cloud-based service using a web browser interface or a mobile app, as opposed to purchasing software. However, special security considerations apply for data stored remotely. See 04AP-11-SAAS for further information.	Badge reader; access badges
		Systems for identification and tracking of vehicles, ranging from decals to radio frequency identification (RFID) or other transponder or GPS-based devices.	
		This functionality may also be obtainable via subscription as a cloud-based service using a web browser interface or a mobile app, as opposed to local software. Such services could use specialized vehicle sensors or reporting capabilities already built into the vehicle. However, special security considerations apply for data stored remotely. See 04AP-11-SAAS for further information.	Consult with NSGP manager before applying for this item.
14SW-01-SIDV	Systems, Vehicle Identification		
14SW-01-SNSR	Sensors/Alarms, System and Infrastructure Monitoring, Standalone	Standalone sensors/alarms for use on critical systems or infrastructure items (security systems, power supplies, etc.) to provide warning when these systems fail or are near failure.	Critical infrastructure damage notification system.
		Camera-based security systems utilizing standard, low light, or infrared technology.	
		This functionality may also be obtainable via subscription as a cloud-based service using a web browser interface or a mobile app, with imagery stored in the cloud as opposed to local software and storage. However, special security considerations apply for data stored remotely, including evidentiary issues for stored video. See 04AP-11-SAAS for further information.	Camera system.
14SW-01-VIDA	Systems, Video Assessment, Security		
14SW-01-WALL	Barriers: Fences; Jersey Walls	Obstacles designed to channel or halt pedestrian or vehicle-borne traffic in order to protect a physical asset or facility.	Jersey walls; fencing.
15SC-00-PPSS	Systems, Personnel/Package Screening	Hand-held or fixed systems such as walk-through magnetometers and conveyor-belt x-ray systems used to screen personnel and packages for hazardous materials/devices.	Magnetometers.
21GN-00-INST	Installation	Installation costs for authorized equipment purchased through FEMA grants.	Installation of equipment.
21GN-00-TRNG	Training and Awareness	Training on CBRNE and cyber security equipment by vendors or local entities.	Consult with NSGP manager before applying for this item.
No AEL	Contract Security: Private Contract Security Personnel/Guards	No FEMA description.	Contract security personnel.
No AEL	M&A: Management and Administration (M&A)	No FEMA description.	Management and administration costs associated with managing grant-related paperwork.
No AEL	PLANNING: Planning	No FEMA description.	Development and enhancement of security plans and protocols; Emergency contingency plans; Evacuation/Shelter-in-place plans; Emergency response plans.
No AEL	EXERCISE: Exercise	No FEMA description.	Funding to conduct exercises. Must be Homeland Security Exercise and Evaluation Program (HSEEP) compliant. Will require an After-Action Report to be completed after the exercise is concluded.