

EDUCATION FUNDING

Government Stimulus

Laura Schroeder, Dan Gabbert, and Randy Welch
BDM Education - Avigilon



MOTOROLA SOLUTIONS



Disclosure: Motorola Solutions and Avigilon offer a variety of solutions that can be deployed to help education agencies in their coronavirus response, prevention and mitigation efforts - technologies and systems that can assist in safely reopening schools. You may be able to use your Education Stabilization Fund grant on these solutions, but you should consult your SEA and/or legal department if you have questions./

AVIGILON™



AGENDA

- Available Monies
- Allowable Use Cases
- Demonstration of Technologies

HOW MUCH WILL CONGRESS SPEND TO SHORE UP SCHOOLS

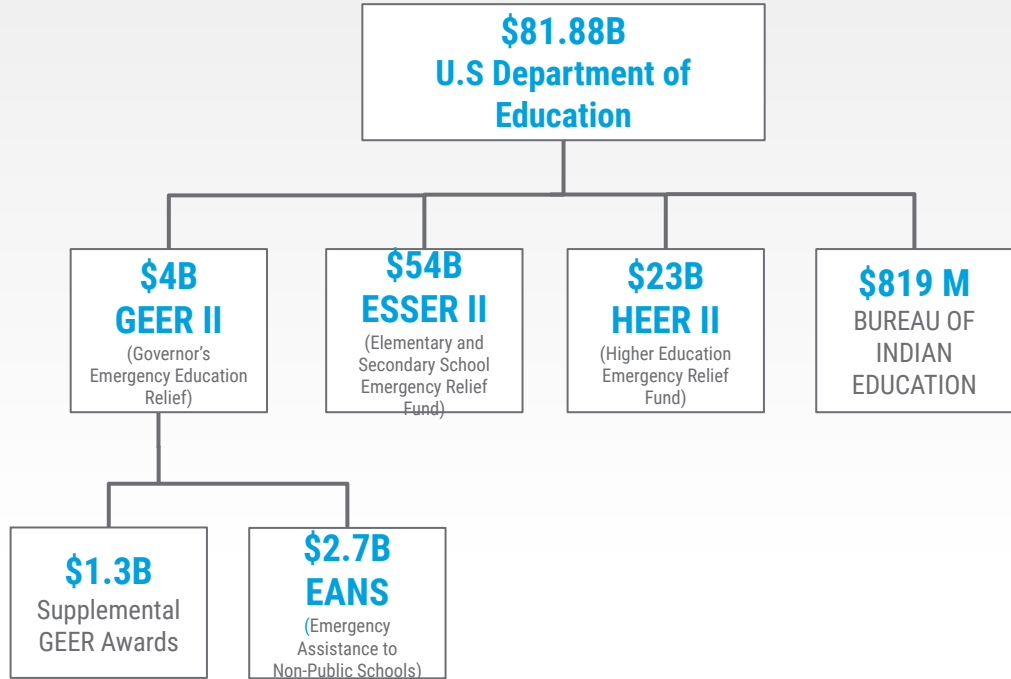
The COVID-19 relief plans before Congress all dedicate billions to stabilizing education budgets amid deep losses in state revenue. But the amounts vary from bill to bill.

 FutureEd <small>GEORGETOWN UNIVERSITY</small>	CARES Act Signed into Law March 2020	Covid Relief Package Signed into Law December 2020	American Rescue Plan Signed into Law March 2021
Education Total	\$30.7 billion	\$82 billion	\$168 billion
K-12	\$13.2	\$54	\$126
Higher Ed	\$14	\$22	\$40
Governors	\$3	\$4	\$2.7

COVID RELIEF

CRRSA - 2ND ROUND RELIEF PACKAGE

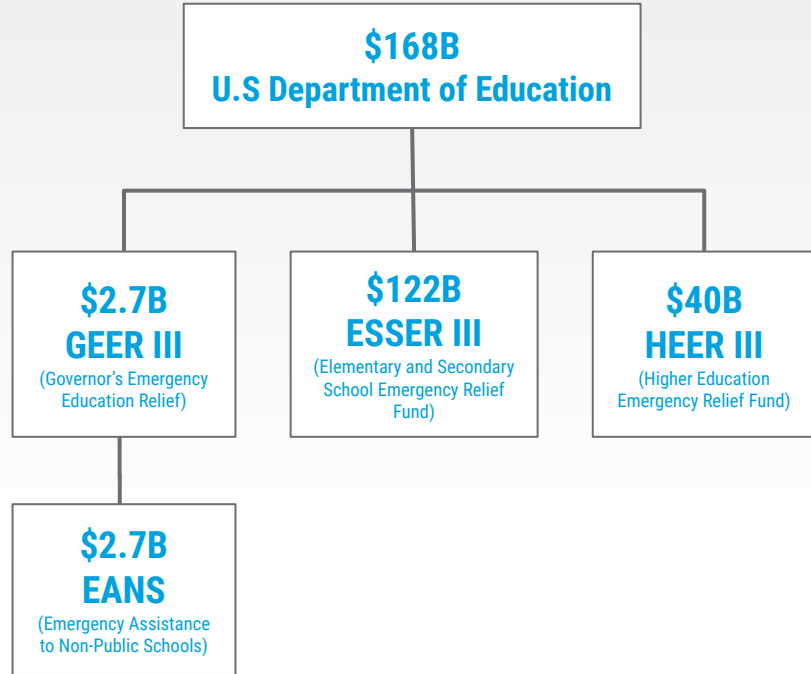
Coronavirus Response and Relief Supplemental Appropriations Act (CRRSA Dec. 2020)



COVID RELIEF

ARPA - 3RD ROUND RELIEF PACKAGE

AMERICAN RESCUE PLAN ACT
(Passed in March 2021)



ALLOWABLE USES OF FUNDS (ESSER II & III)



Bill lays out 12 allowable uses of funds for education



Help Districts understand money is available to use



Avigilon may qualify under 4 areas (Consult with SEA if you have any questions)

01

Preparedness & Response Efforts

Coordination of preparedness and response efforts of local educational agencies with state, local, tribal, and territorial public health departments, and other relevant agencies, to improve coordinated responses among such entities to prevent, prepare for, and respond to coronavirus.

03

Providing Resources Necessary

Providing principals and other school leaders with the resources necessary to address the needs of their individual schools.

02

Facility Repairs & Improvements

School facility repairs and improvements to enable operation of schools to reduce risk of virus transmission and exposure to environmental health hazards, and to support student health needs.

04

Develop & Implement Procedures

Developing and implementing procedures and systems to improve the preparedness and response efforts of local educational agencies.

COVID-19 RESPONSE

Solutions that can help campuses comply with health and safety guidelines such as limiting class sizes, social distancing and the use of protective face masks – providing peace of mind and allowing students and staff to return safely.



COVID-19 Response Solutions to Prevent, Protect & Respond



Occupancy Counting



Social Distancing



No Face Mask Detection



Contact Tracing



Elevated Temperature
Detection



Appearance Search
Contact Tracing



ACS Web & Mobile
Client

COVID-19 RESPONSE TECHNOLOGIES

Technology To Ensure The Health And Safety Of Staff And Customers

OCCUPANCY COUNTING TECHNOLOGY

- Video analytics embedded within Avigilon analytic or third-party cameras connected to an Avigilon AI Appliance
- Analytic detects when a person crosses an entry or exit point
- Displays the number of people in a facility on a dashboard to indicate whether occupancy limit has reached



COVID-19 RESPONSE TECHNOLOGIES

Technology To Ensure The Health And Safety Of Staff And Customers

SOCIAL DISTANCING TECHNOLOGY

- Technology embedded within Avigilon analytic cameras
- Analytic determines the proximity of one person to another person
- Generate reports of where and when social distancing violations occur



COVID-19 RESPONSE TECHNOLOGIES

Technology To Ensure The Health And Safety Of Staff And Customers

NO FACE MASK DETECTION TECHNOLOGY

- Edge-based video analytic detects if a person is not wearing a face mask
- Optional automated alerts
- Report generation to determine levels of compliance across the campus (e.g. dept, time of day, etc.)



COVID-19 RESPONSE TECHNOLOGIES

Technology To Ensure The Health And Safety Of Staff And Customers

BODY-WORN CAMERAS FOR FRONT LINE STAFF

- Schools can provide the necessary safety and security measures for their administrative & security staff
- Presence of a recording device encourages a positive effect on the behavior of visitors, deters aggression and often de-escalates situations
- Cameras can connect to Avigilon Control Center™, prompting security staff to incidents with a live video stream, allowing real-time situational awareness

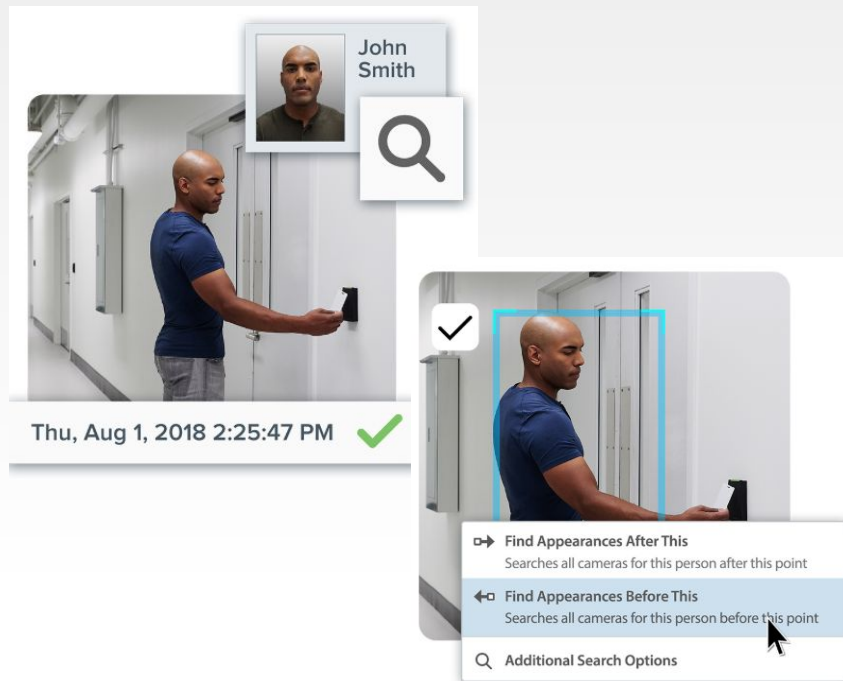


COVID-19 RESPONSE TECHNOLOGIES

Technology To Ensure The Health And Safety Of Staff And Customers

CONTACT TRACING TECHNOLOGIES

- Identity Correlation Report to forensically retrace steps of known identities
- Reports on all locations where an identity has been, including other identities who have been in the same locations for a specified period of time
- ACM-ACC unification validate report findings with video:
 - Identity Search confirms contact with doors that the person in question attempted to access
 - Appearance Search helps expand search to understand other facility areas where the person may have visited



COVID-19 RESPONSE TECHNOLOGIES

Technology To Ensure The Health And Safety Of Staff And Customers

ELEVATED THERMAL DETECTION CAMERAS

- Edge-based camera analytics to detect faces and notify operators of elevated skin temperature as a precursor to additional screening
- Provides a low friction, contactless alternative to traditional screening methods
- Elevated temperature events can be configured in ACC along with complete end-to-end workflows for monitoring, assigning and acknowledgement of elevated temperature alarms.





COVID Response Technology Demonstration





ALLOWABLE USE OF FUNDS

- Facility Repairs & Improvements (ESSER II & III)
- Preparedness & Response Efforts (ESSER II & III)
- Providing Resources Necessary (ESSER II & III)
- Develop & Implement Procedures (ESSER II & III)



COVID-19 Response Solutions to Prevent, Protect & Respond



Occupancy Counting



Social Distancing



No Face Mask Detection



Contact Tracing



Elevated Temperature
Detection



Appearance Search
Contact Tracing



ACS Web & Mobile
Client



Thank you!



GRANTS PROCESS AT A GLANCE (ESSER II & ESSER III)

H.R 748, H.R 133, H.R. 1319

FEDERAL GOVERNMENT

- Non-Competitive Grants
- Allocate funds to districts according to Title I, Part A Not States Formulas
- US DoE approves SEA fund allocations, processes & documents

LOCAL EDU AGENCY (The District)

- Submit Project Scope & Budget Details
- Documents include worksheets for LEA's that Outline Uses of Funds, i.e.; Prepare & Sustain a Safe Learning Environment Onsite & Remote - At High Standards (For Private & Public Schools)

STATE EDU AGENCY

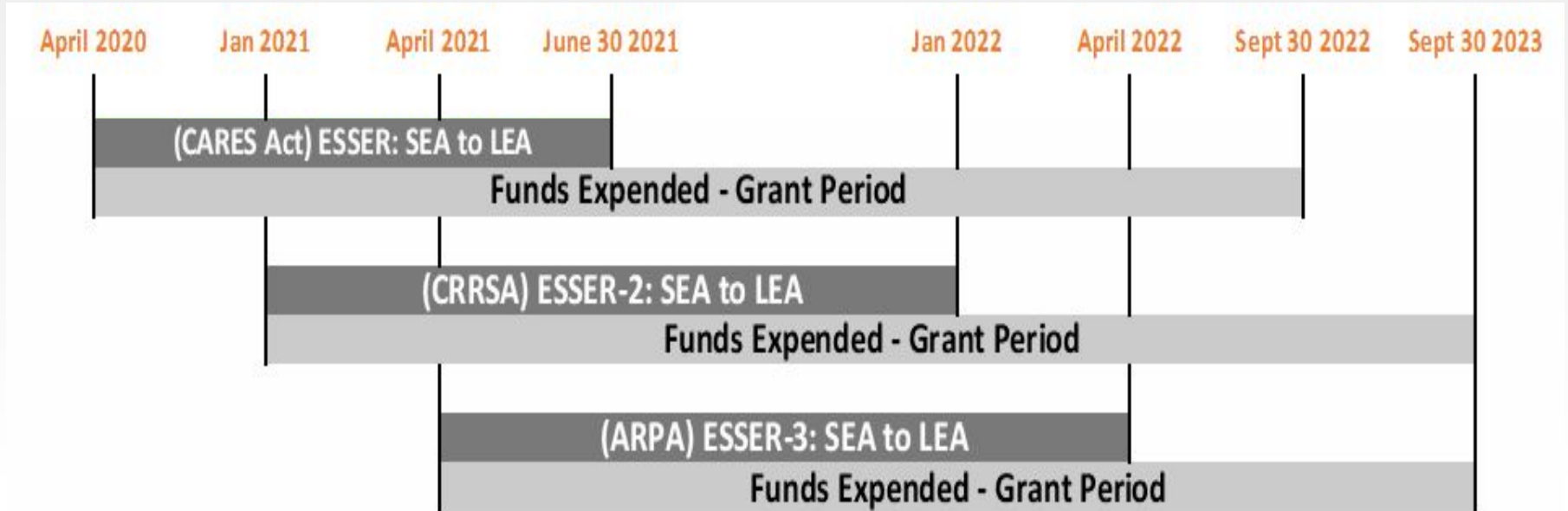
- State DoE Grant Admin Fees 10% (Maximum)
- SEA Documents Outline FedGov Provisions
- Application process will vary by state

STATE EDU AGENCY

- Approves Budgets
- Distribute funds to districts according to Title I, Part A
- Approves Contractor Cost Statements
- Administers Budgets with LEA's
- Report to US DoE

FEDGOV TIMELINES & DEADLINES

Grant Plan Funding



- States' Applications Periods Vary
- Unexpended Funds Returned to FedGov at End of Grant Period