Secure Schools Roundtable

Presented in Cooperation with the Congressional School Safety Caucus

SIA
SECURITY INDUSTRY ASSOCIATION

SecureSchoolsAlliance
Research & Education

PASS
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PARTNER ALLIANCE FOR SAFER SCHOOLS

Tim Eckersley

Allegion

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Representative Rick Larsen, D-Wash.

Co-Chairs
Congressional School Safety Caucus

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Sol Price School of Public Policy

University of Southern California

POLICE FOUNDATION

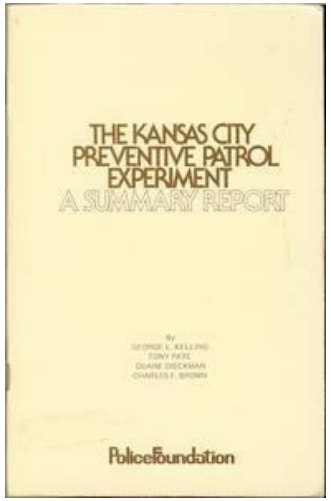
Reviewing Statewide School Facility and Building Safety and Security Standards

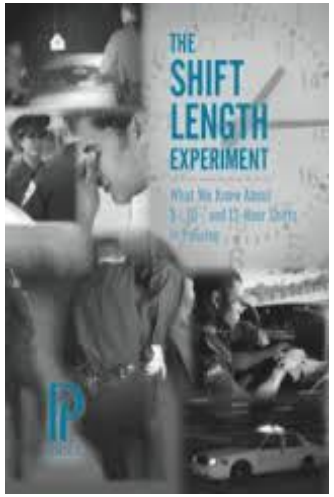
www.policefoundation.org

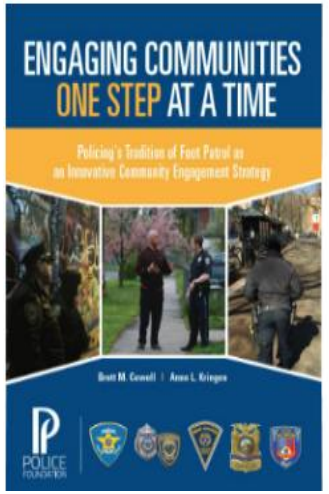
June 2018

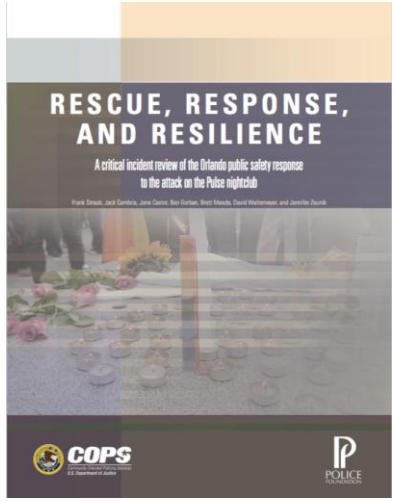
About Police Foundation

- National organization founded in 1970
- Independent, Non-partisan, Non-profit & Non-member
- Aims to Advance Policing Through Innovation & Science and Increase Public Safety and Strengthen Communities
- Grounded in Science, Experience & Evidence- based practices, While Embracing Innovation & New Ideas









Police Foundation Statement of Work

- Received contract from Secure Schools Alliance Research and Education (the Alliance) to conduct following tasks:
  - Task #1: Conduct a State-by-State Legislative Review
    - Late summer/early fall 2018
  - Task #2: Identify States with Security and Emergency Planning Standards
    - Complete
  - Task #3: Conduct a Review of Statewide School Building and Facility Security Standards/Requirements
    - Complete
  - Task #4: Conduct a Review of Statewide Promising Practices, Recommendations, Guidelines, and Resources
    - Late summer/early fall 2018

Methodology

- Worked with the Alliance to identify promising practices
- Reviewed publicly-available materials including:
  - Legislation and proposals
  - Guidelines, assessment tools, toolkits, resources, etc.
  - Open source media
- Synthesized findings into individual displays
- Conducting presentations to refine information
- Working with the Alliance to develop deliverables for relevant stakeholders

High-Level Legislation Findings

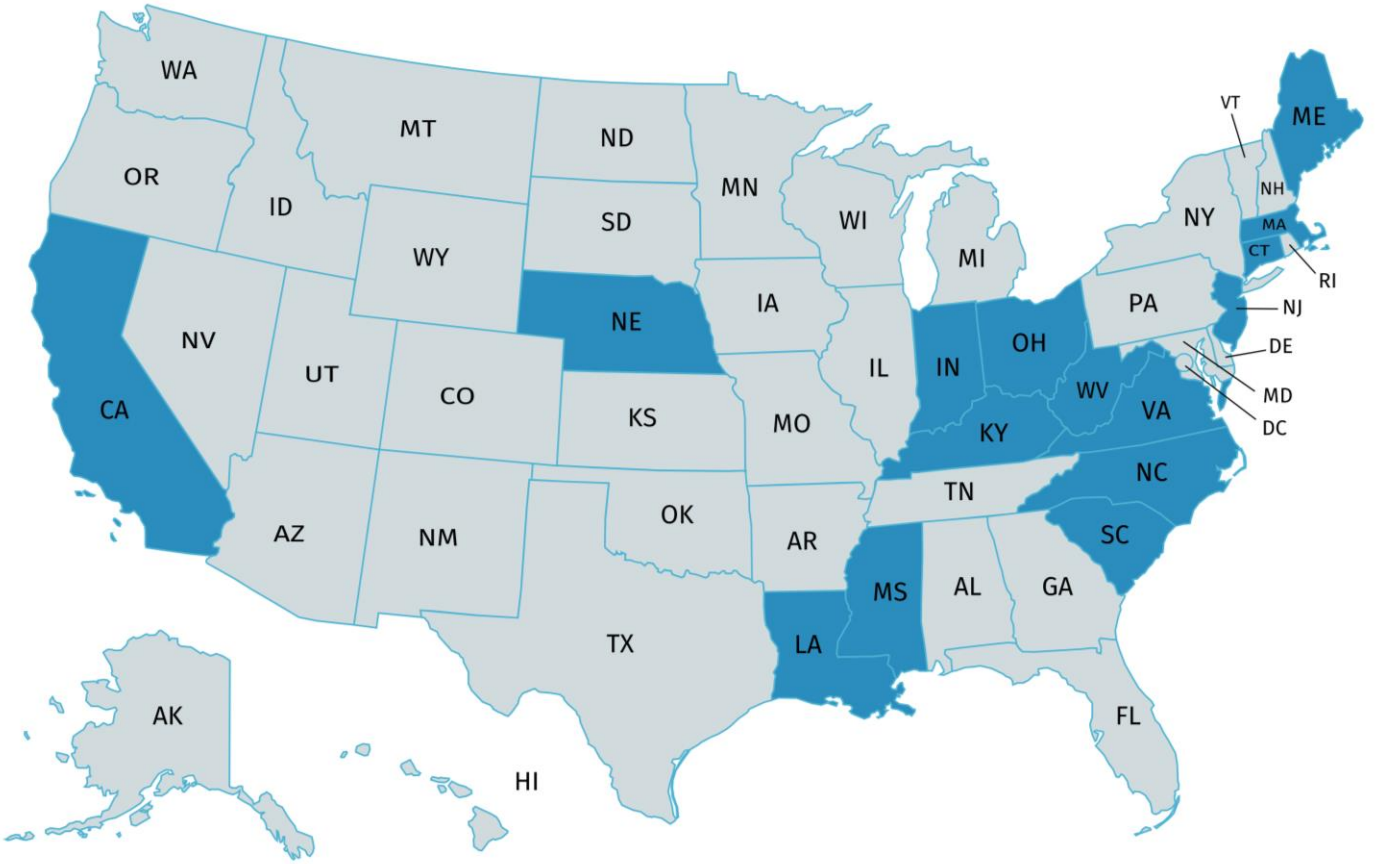
- State legislation is difficult to find
- "Safe Schools" generally means free of bullying, drugs, and guns
- Challenges are similar but the resolutions are across the spectrum
  - Many states still rely on/link to federal government and NGOs to produce guidelines and resources
- Many states have general exercises/scenarios/toolkits/trainings but no publicly-available guidance

Task 2: States with Security and Emergency Planning Standards

- 48 require school emergency plans
- 48 require training and/or drills on emergency plans
- 27 require school facility security audits/assessments
- 25 have established school safety centers
- 15 have established standards for school facility security
- 12 provide grants for school security

Task 3: Review of Statewide Requirements

- **15 passed legislation or code establishing statewide standards/requirements for school facility security prior to Feb. 14, 2018**



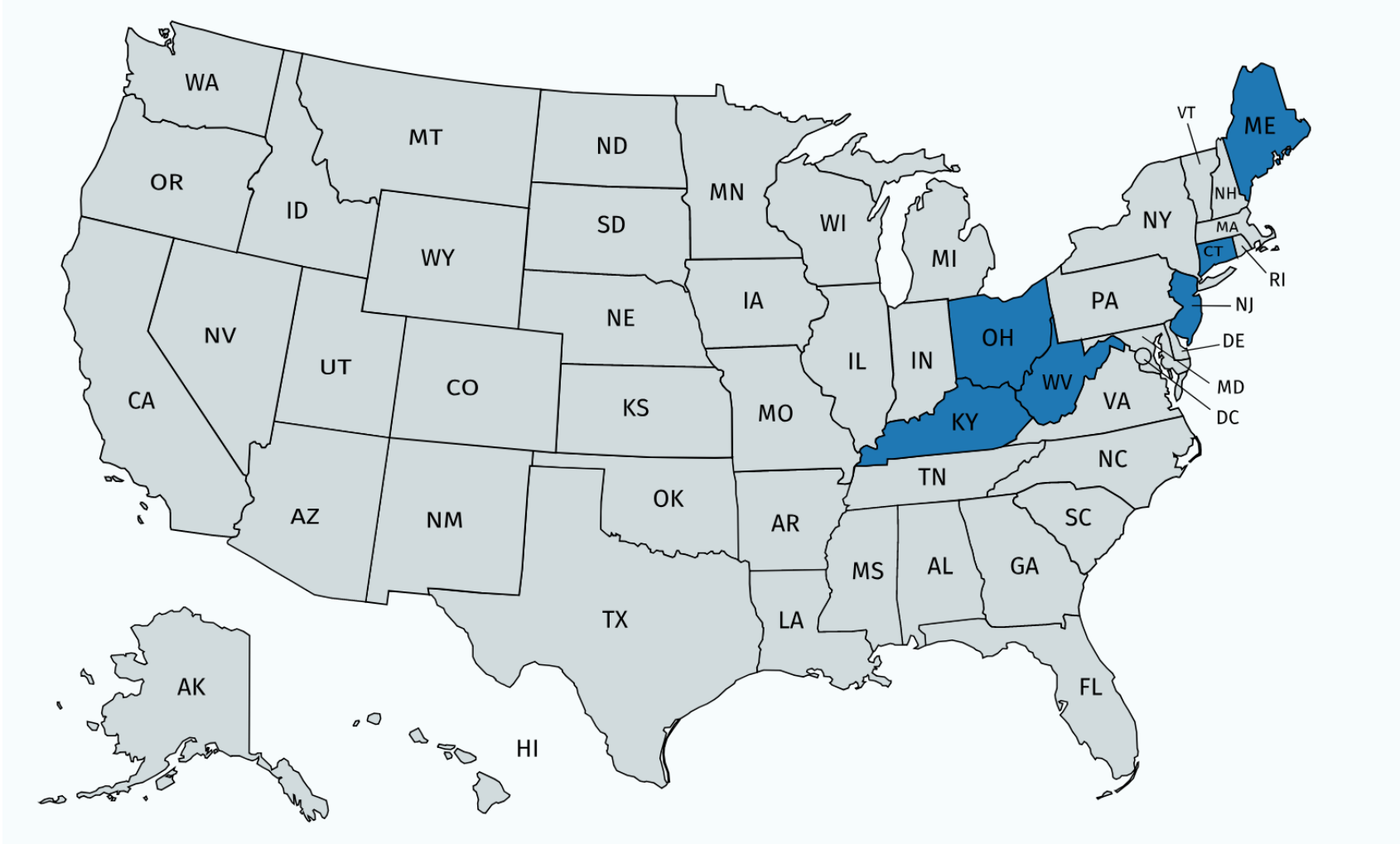
High-Level Requirements Findings

- Difficult to find – not always with school legislation
- Vary significantly in number and focus
  - About half don't focus on facilities
- Few states include clear repercussions for not meeting requirements
- Many states have general exercises/scenarios/toolkits/trainings but no publicly-available guidance
- Some states have requirements and recommendations

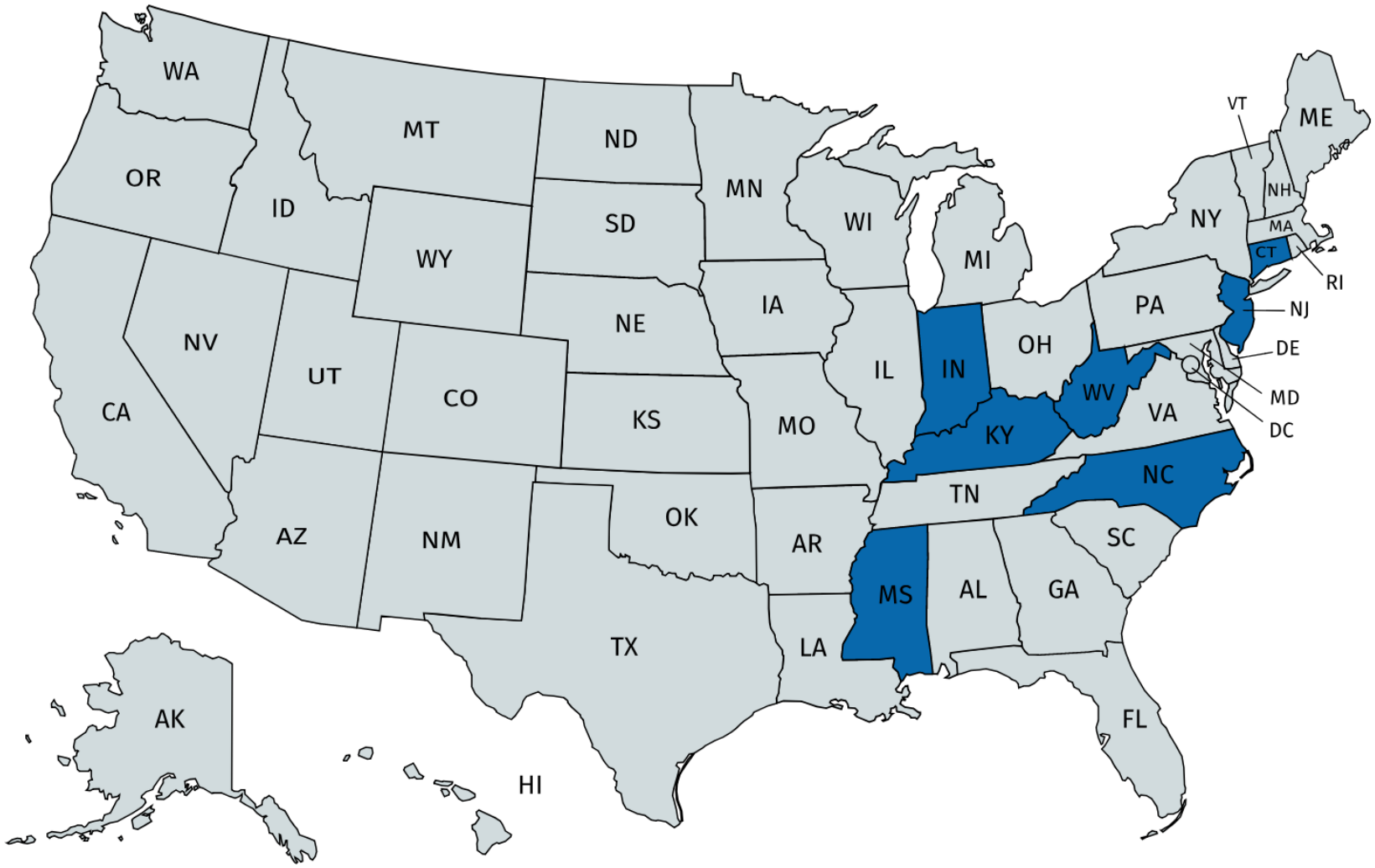
Most Common Facility Security Requirements

- Restricted Visitor Access and Sign In (9 states)
- Exterior Access Controls (7 states)
- Crime Prevention Through Environmental Design (CPTED) (7 states)
- Two-Way Communication in Every Room (7 states)
- Interior Access Controls/Locks (6 states)
- Panic/Emergency Notification Systems (5 states)
- Electronic Surveillance (4 states)
- Bullet/Blast Resistant Materials (4 states)
- Staff and Student IDs (3 states)

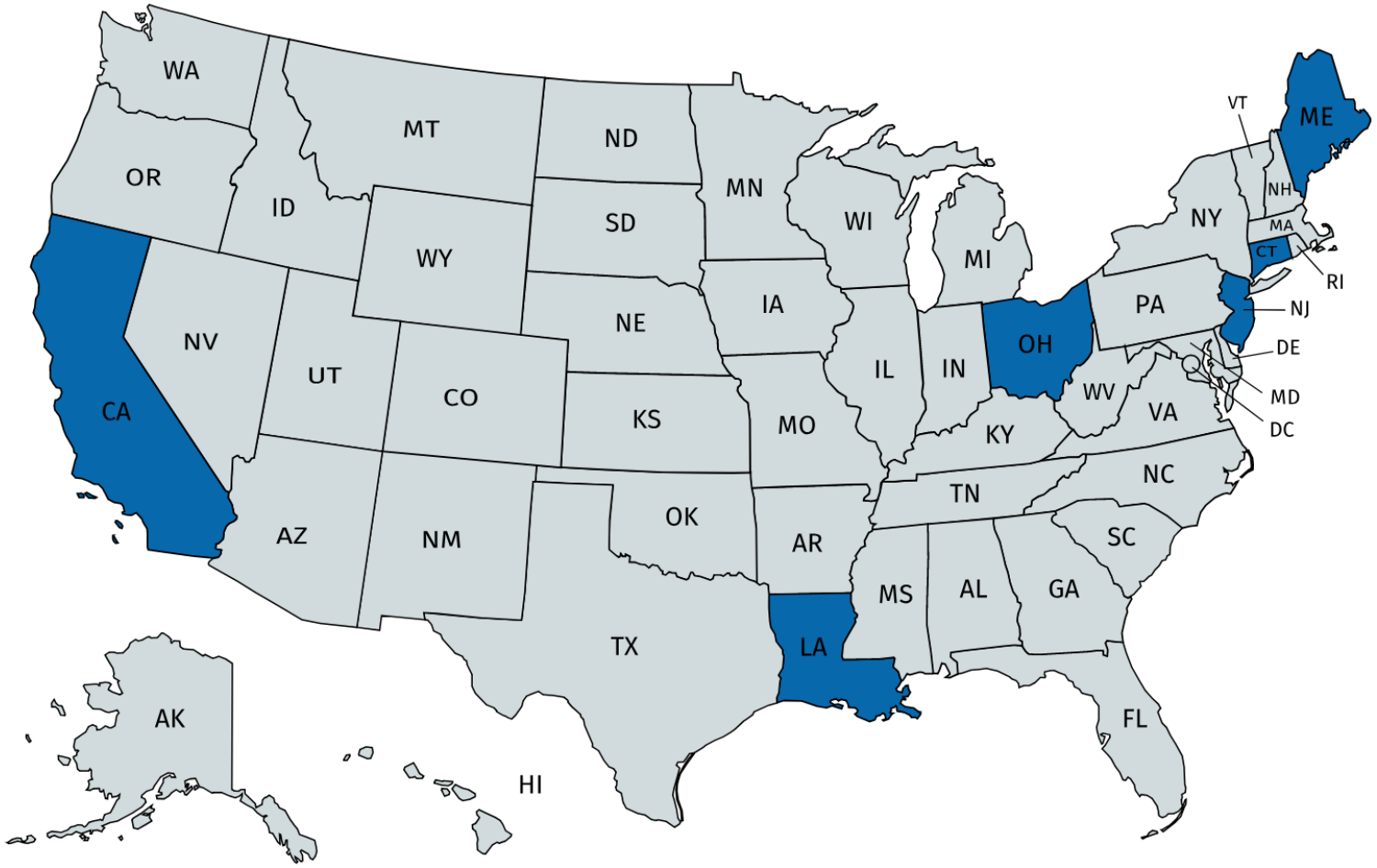
Requirement: Exterior Access Controls



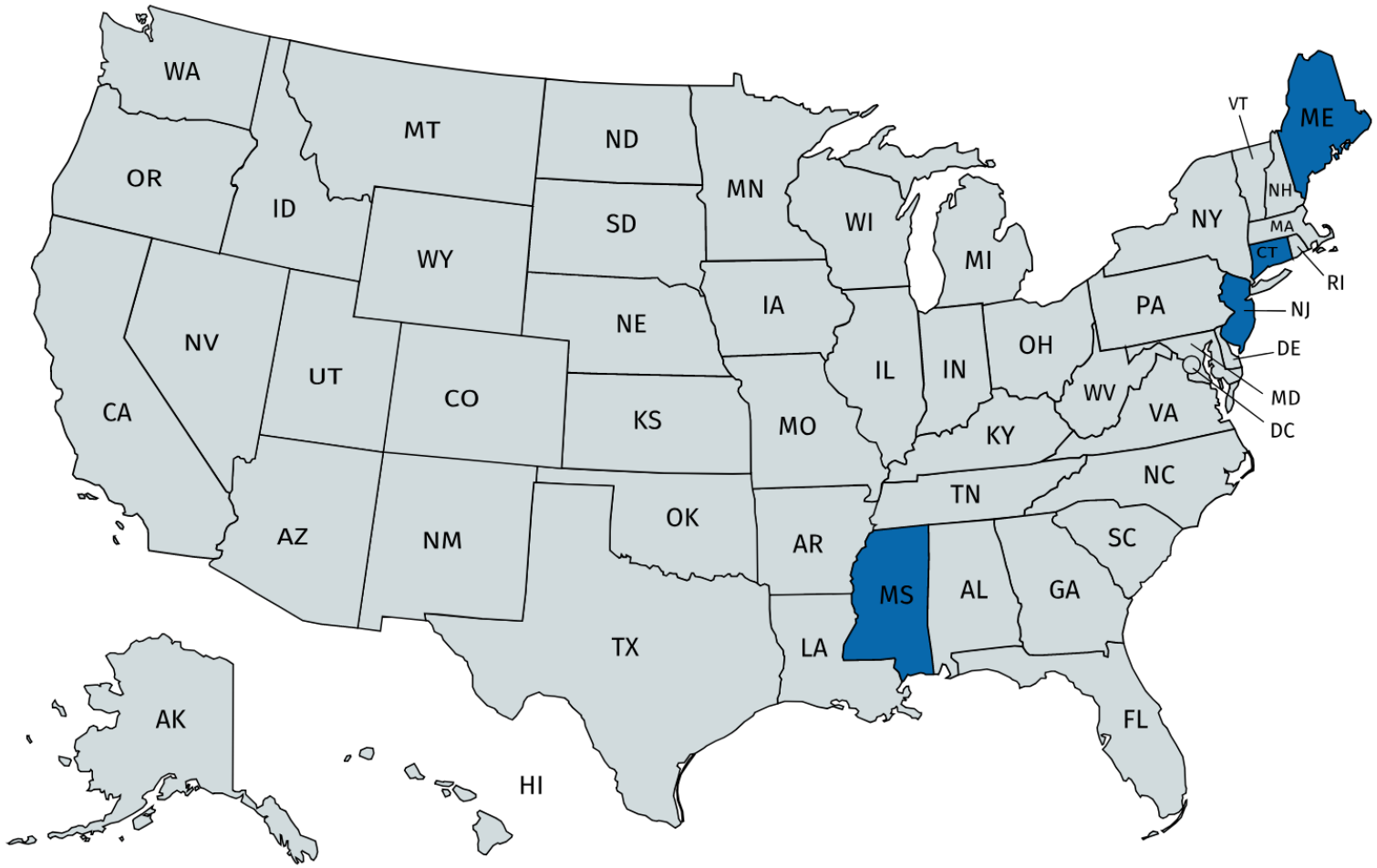
Requirement: CPTED



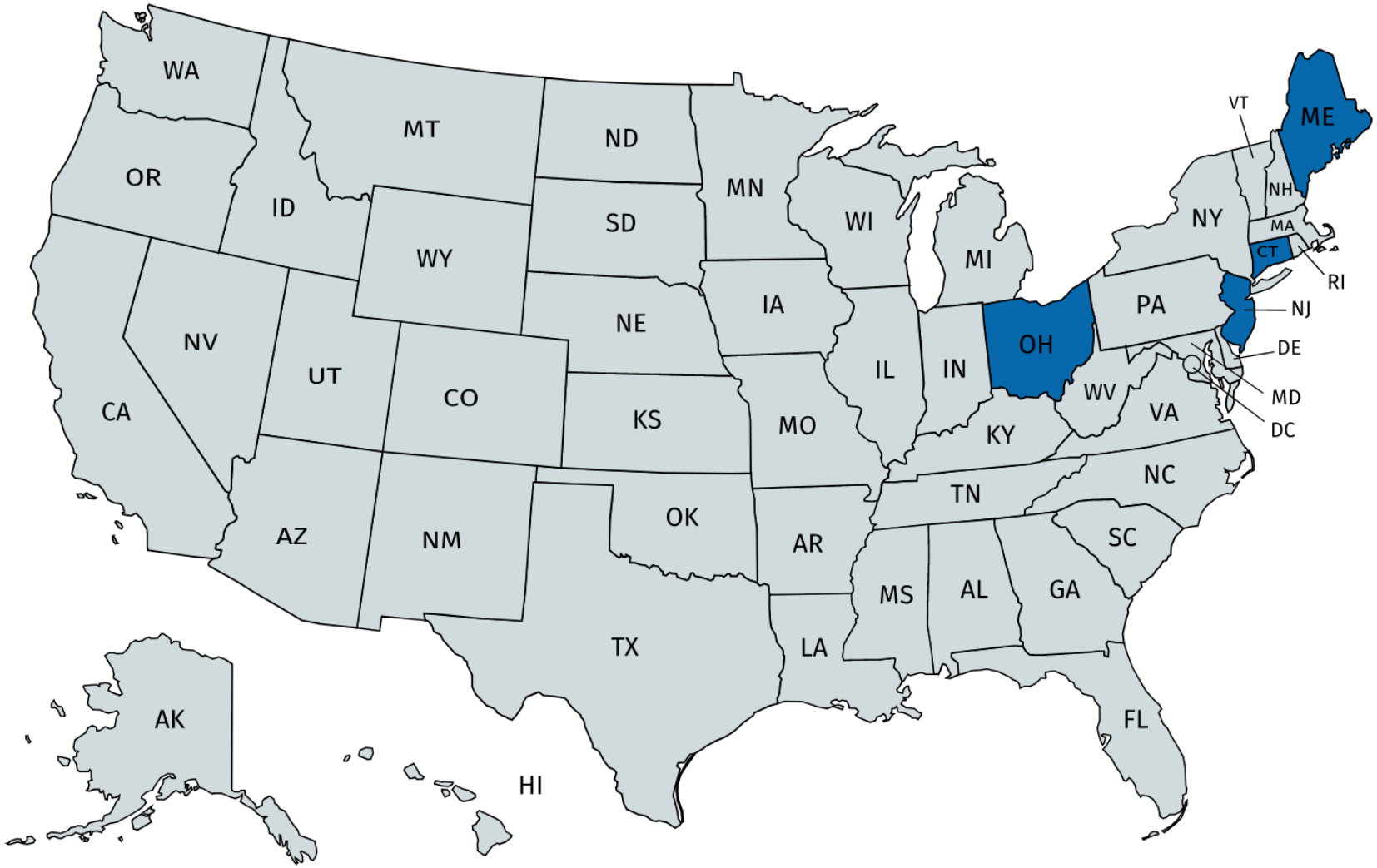
Requirement: Interior Access Controls/Locks



Requirement: Bullet/Blast Resistant Materials



Requirement: Electronic Surveillance



Promising Practices: Connecticut

- Balances “shall” and “shall consider”
- “Shall” includes:
  - Electronic surveillance at primary access points
  - Bullet/Blast resistant main entrance
  - All classroom doors must have tamper resistant locks and be easy to lock and unlock from the interior
  - Controlled access to classrooms
- “Shall consider” includes:
  - Operational procedures and communication strategies in coordination with security criteria
  - CPTED principles
  - Secure unsupervised site entrances during low use

Promising Practices: Indiana

- School Safety Guidelines for Emergency Response Systems focuses on "moving away from being considered 'soft targets'…and move towards being considered 'hard targets.'"
- Requires:
  - Clear signage
  - CPTED
  - Panic/Emergency notification systems
- Recommendations include:
  - Controlled access
  - Bullet/Blast resistant material on exterior doors
  - Doors with solid cores and mortise style locks
  - Facilities-approved access tools for external visitors
  - NIMS/ICS training

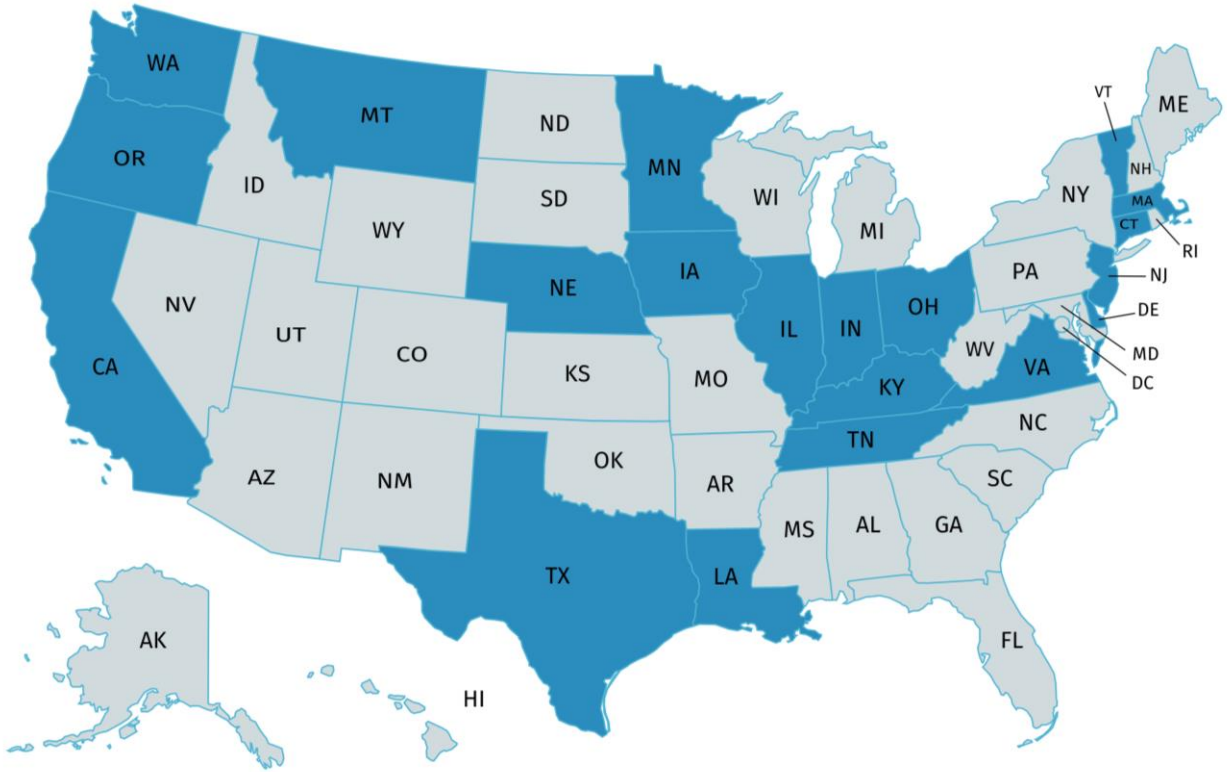
Promising Practices: New Jersey

- Requires schools to have:
  - Bullet/Blast resistant materials
  - Electronic surveillance
  - Exterior and Interior access controls and locks
  - CPTED

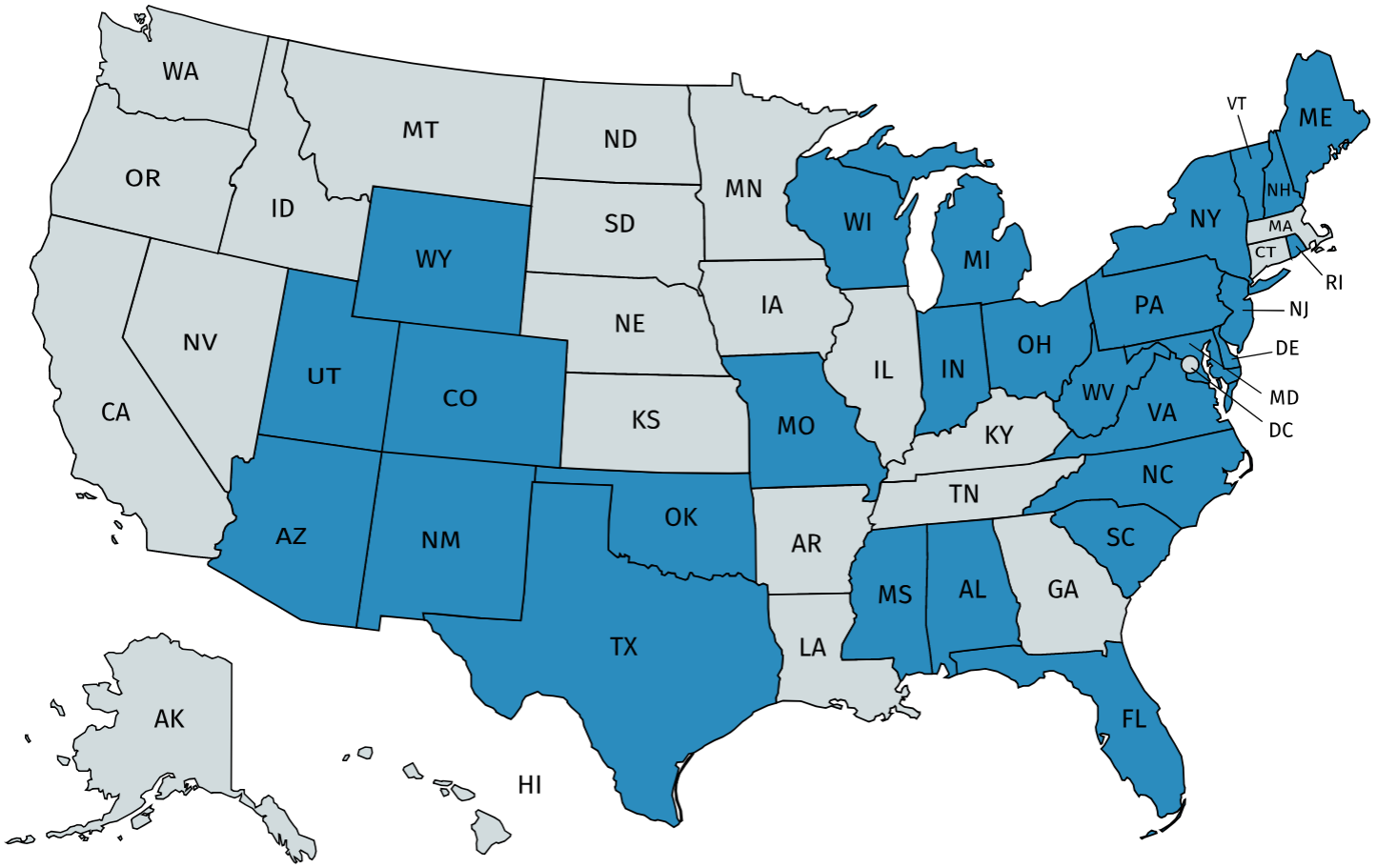
- Formed School Security Task Force in 2013 (issued report in 2015)
  - Recommendations include:
    - Enhance legislation and regulatory measures
    - Centralize information, resources, and training
    - Screening systems and panic alarms
    - Advanced ID systems
    - Additional CPTED and access control principles
  - References promising practices of other states

Task 4: Review of Statewide Recommendations

- **20 states had recommendations, guidelines, and/or resources prior to Feb. 2018**



States Discussing School Facility Security Since Feb. 14



High-Level Recommendations Findings

- Vary significantly in number and focus
    - Emergency plans, trainings, and drills
    - SROs/safety teams
    - Mental health
  - Many lack clarity and specificity or implementation steps
  - Majority don't address facilities in meaningful ways
  - Provide exercises/scenarios/toolkits/assessments but no solutions

- At different stages
  - State legislatures introducing bills/funding
  - Governors appointing task forces
  - Reviewing current resources
  - Only DE, RI, and NY have passed legislation since Feb. 2018

Most Common Facility Security Recommendations

- Create District/School Safety Teams (17 states)
- Building/Door Design and Materials (15 states)
- Additional Drills and Training (15 states)
- CPTED (13 states)
- Controlled Access (13 states)
- Funding to purchase safety equipment/technology (13 states)
- Funding for SROs/safety personnel in every school (11 states)
- Incorporate NIMS/ICS (10 states)
- State-Level Training/Technical Assistance Body (10 states)
- Two-Way Communications with First Responders (9 states)

Promising Practices: Texas

- Texas School Safety Center (TXSSC) national leader in providing statewide training, technical assistance, research, and resources
- No statewide requirements but most schools follow TXSSC/national promising practices
  - 2014-2017 District Audit Report found:
    - District/School Safety and Security Committee (88.9%)
    - Safety Equipment/Technology (CCTV) (87.7%)
    - Controlled Access/Locks (96.1%)
- Following Santa Fe attack, Governor released 40-point action plan
  - Increase SROs and school marshals
  - Improve infrastructure and design
  - Additional safety equipment and technology (metal detectors/active shooter alarms/security systems)

Promising Practices: Virginia

- Virginia Center for School and Campus Safety (VCSCS) national leader in providing statewide information, tools, and training
  - Offers "Civilian Response to Active Shooter Event" and other school safety trainings to school administrators and staff
  - Offers trainings for SROs and school security officers and provides legal guidelines
  - Collects and analyzes school safety data and audits

- Recommendations include:
  - CPTED
  - Safety Equipment/Technology
  - Building/Door Design and Materials
  - Controlled Access
  - District/School Safety Teams

Recent Legislation: Florida

- Marjory Stoneman Douglas High School Public Safety Act signed into law on March 9, 2018
  - Created Office of Safe Schools
  - Requires additional active shooter training every semester
  - Requires every district to have a School Safety Specialist
  - Requires every school to complete a security risk assessment with law enforcement
  - Recommends threat assessment teams for every school
  - Provides funding for school hardening
  - Provides funding for additional school safety officers

Needs

- Federal and State research, resources, solutions, and standards
- Data on what issues really affect school facility security
- Evidence-based promising practices and recommendations
- Solutions for guidelines and assessments
  - Validated assessments
  - What do I do with my assessment score?
  - Where can I go for information/resources to address shortcomings?
- Statewide standards based on data and evidence
- Collaboration on/Development of updated resources

Comments and Questions

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POLICE
FOUNDATION

www.policefoundation.org

Partner Alliance for Safer Schools (PASS)

Partner Alliance for Safer Schools (PASS)

In 2013, the Security Industry Association (SIA) and the National Systems Contractors Association (NSCA) formed the Partner Alliance for Safer Schools (PASS) with the unified vision that combining their respective school safety programs, would provide valuable insight and perspective.

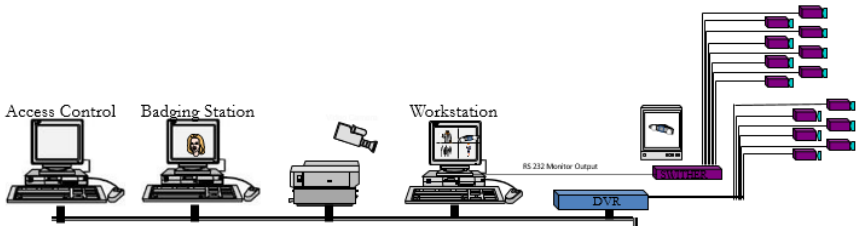
Their goal was to create a meaningful and powerful entity that would help schools and their teams implement the most appropriate and effective security technologies.

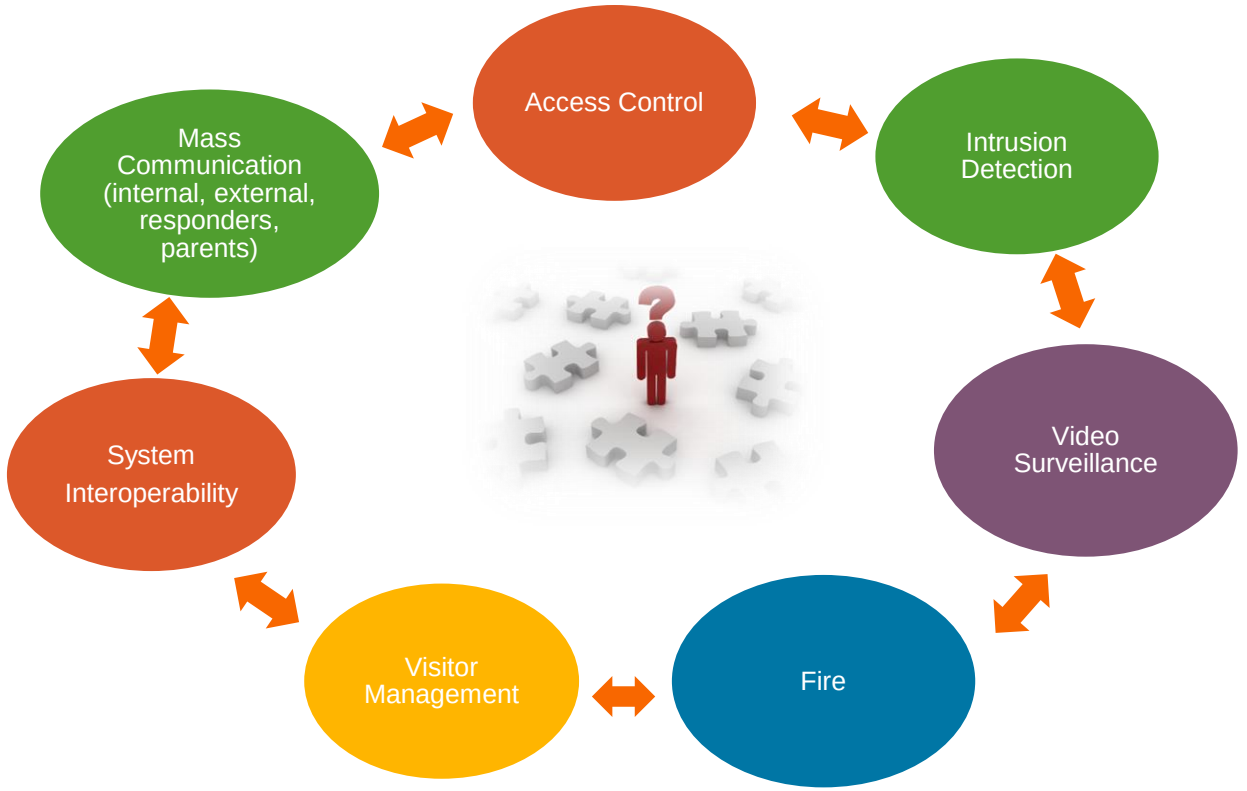
PASS Safety and Security Guidelines for K-12 Schools

Best practices for school facility security developed by:

- School safety and security officials
- Risk assessment professionals
- Law enforcement
- Architectural design experts
- Security manufacturers and systems integrators

Integrated Safe Schools Solution Complexity



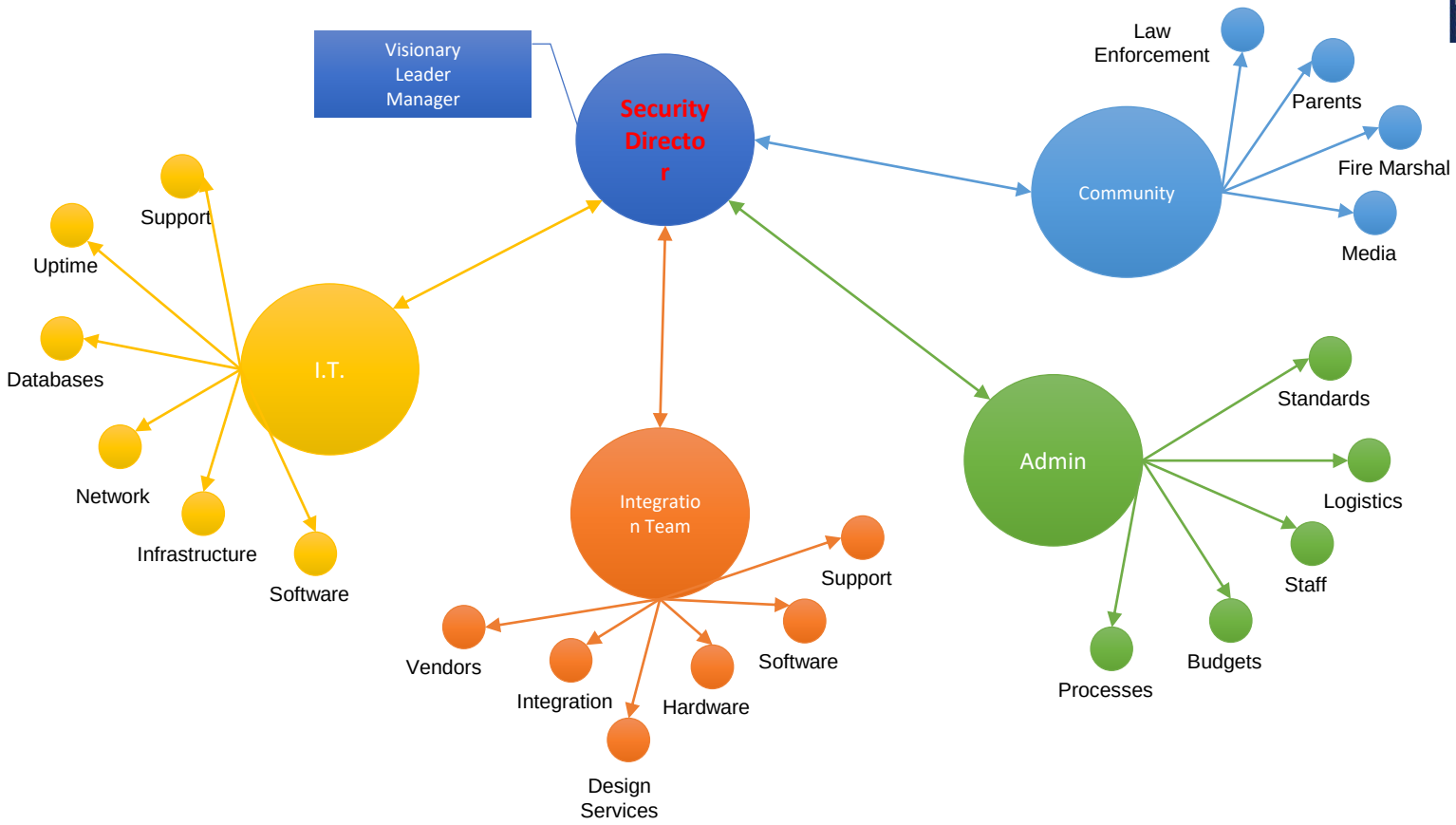


Fire Codes

ADA Law

Life Safety Codes

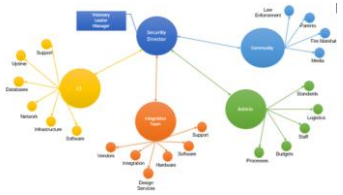
Security Touches…… (It Takes a Team)

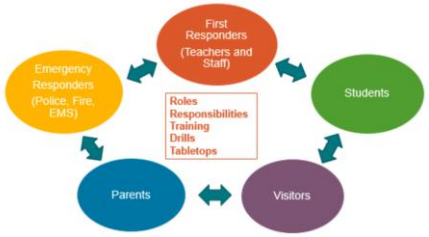


District Wide - People and Procedure Challenges

PLAN, PREPARE, PRACTICE

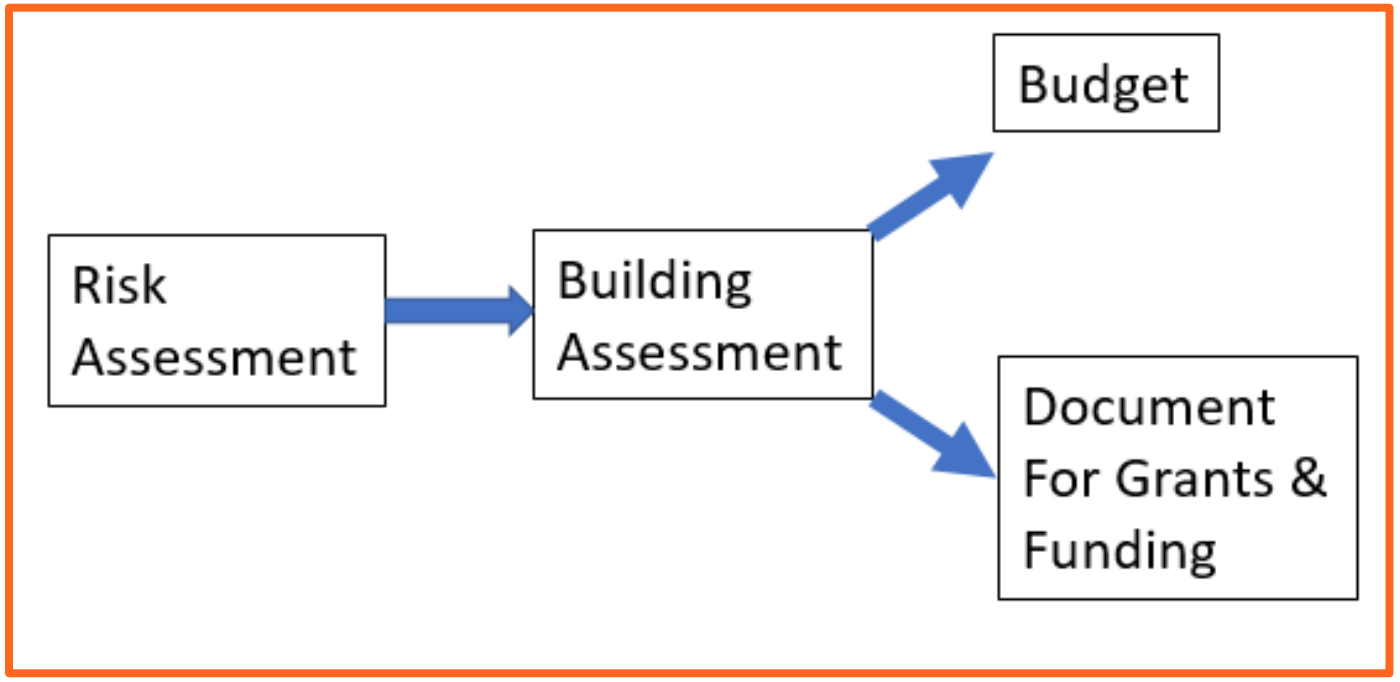
The Challenge - Where to Start?



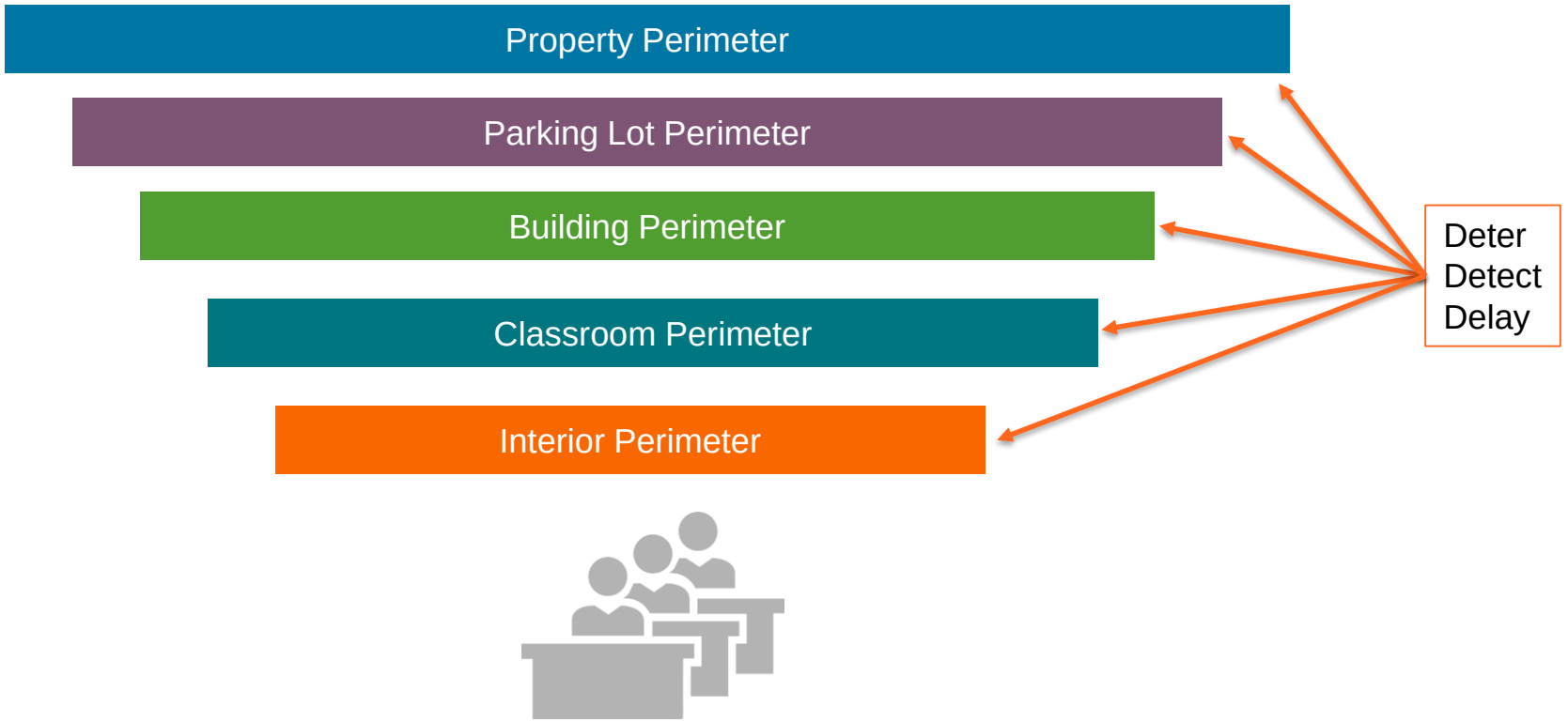


Where to Start – Best Practices

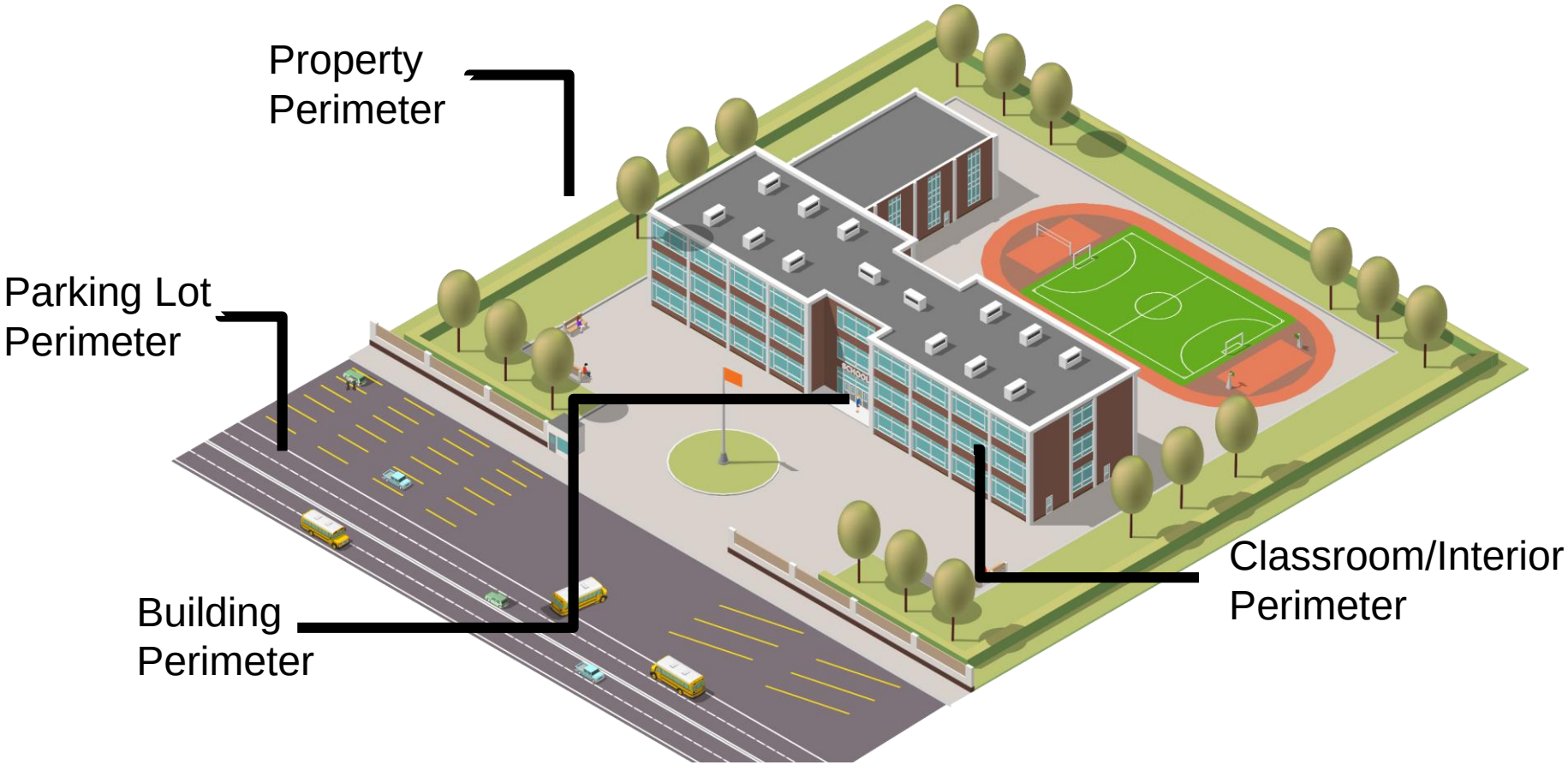
PASS Guidelines & Tools



Best Practice - Layered Security



School Perimeter Layers



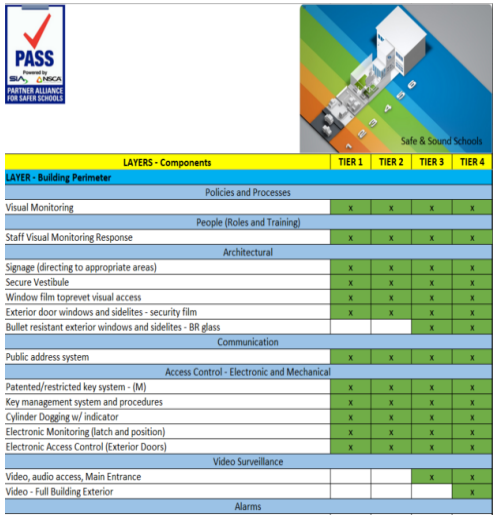
Path to Increasing Levels of Security

www.passk12.org

Tier Continuum Layers

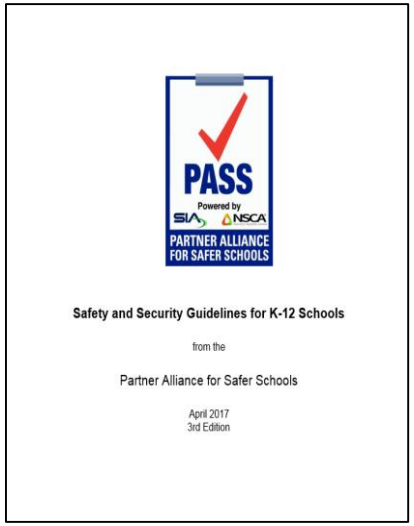
Layer	TIER 1	TIER 2	TIER 3	TIER 4
District Wide				
Property Perimeter				
Parking Lot Perimeter				
Building Perimeter				
Classroom/Interior Perimeter				

PASS Tier Continuum Layers



LAYERS - Components	TIER 1	TIER 2	TIER 3	TIER 4
LAYER - Building Perimeter				
Policies and Processes				
Visual Monitoring	x	x	x	x
People (Roles and Training)				
Staff Visual Monitoring Response	x	x	x	x
Architectural				
Signage (directing to appropriate areas)	x	x	x	x
Secure Vestibule	x	x	x	x
Window film toprevet visual access	x	x	x	x
Exterior door windows and sidelites - security film	x	x	x	x
Bullet resistant exterior windows and sidelites - BR glass			x	x
Communication				
Public address system	x	x	x	x
Access Control - Electronic and Mechanical				
Patented/restricted key system - (M)	x	x	x	x
Key management system and procedures	x	x	x	x
Cylinder Dogging w/ indicator	x	x	x	x
Electronic Monitoring (latch and position)	x	x	x	x
Electronic Access Control (Exterior Doors)	x	x	x	x
Video Surveillance				
Video, audio access, Main Entrance			x	x
Video - Full Building Exterior				x
Alarms				

PASS Checklist/Assessment



Safety and Security Guidelines for K-12 Schools

from the

Partner Alliance for Safer Schools

April 2017
3rd Edition

PASS Guidelines & Best Practices

PASS Layers

Tier Continuum Layers

Layer	TIER 1	TIER 2	TIER 3	TIER 4
District Wide				
Property Perimeter				
Parking Lot Perimeter				
Building Perimeter				
Classroom/Interior Perimeter				

	Components of Layers
1	Policies & Procedures
2	People (roles and training)
3	Architectural
4	Communication
5	Access Control
6	Video Surveillance
7	Alarms

Checklist/Assessment – Components and Best Practices

LAYERS - Components - Elements	TIER 1	TIER 2	TIER 3	TIER 4
LAYER - Building Perimeter				
Policies and Procedures				
Visual Monitoring	x	x	x	x
People (Roles and Training)				
Staff Visual Monitoring Response	x	x	x	x
Architectural				
Signage (directing to appropriate areas)	x	x	x	x
Secure Vestibule	x	x	x	x
Apply CPTED principles to allow natural access control	x	x	x	x
Window film to prevent visual access	x	x	x	x
Exterior door windows and sidelites - security film	x	x	x	x
Bullet resistant exterior windows and sidelites - BR glass			x	x
Communication				
Public address system	x	x	x	x
Access Control - Electronic and Mechanical				
Patented/restricted key system - (M)	x	x	x	x
Key management system and procedures	x	x	x	x
Cylinder Dogging w/ indicator	x	x	x	x
Electronic Monitoring (latch and position)	x	x	x	x
Electronic Access Control (Exterior Doors)	x	x	x	x
Video Surveillance				
Video, audio access, Main Entrance			x	x
Video - Full Building Exterior				x
Alarms				

Best Practices

	Components of Layers
1	Policies & Procedures
2	People (roles and training)
3	Architectural
4	Communication
5	Access Control
6	Video Surveillance
7	Alarms

PASS Guidelines – Building Perimeter (excerpt)

TIER Continuum: Building Perimeter Layer

Policies and Procedures:

Perimeter doors should be classified as either Primary or Secondary/Tertiary openings. Primary openings include main entrances and event entrances where the access to the building is both controlled and monitored. Secondary/Tertiary openings exist for the purpose of emergency egress and are not intended to be utilized for access to the building. A limited number of secondary openings may be utilized for activities such as employee entrances or access to and from playgrounds, however, these openings should be carefully controlled and should never be placed on any sort of automatic time schedule to open. They should be locked at all times. The balance of secondary and tertiary openings should not have exterior trim and should be specified "less dogging".

All Primary and Secondary/Tertiary openings should be monitored for both door position and latch position in order to ensure the doors are both closed and latched and should have bullet resistant glass or security film in door lites and sidelites as determined from risk assessment and security team recommendations.

Projected Costs – K-8 (3rd Edition)

Elementary School

Layer	TIER 1	TIER 2	TIER 3	TIER 4
Procedural	$ -	$ -	$ -	$ -
Drill	$ 15,000	$ 15,000	$ 15,000	$ 15,000
Property Perimeter	$ 41,000	$ 53,000	$ 58,000	$ 58,000
Parking Lot	$ -	$ 50	$ 50	$ 50
Building Perimeter	$ 7,830	$ 7,830	$ 31,130	$ 86,130
Video Surveillance	$ 10,000	$ 25,000	$ 40,000	$ 50,000
Vistor Control	$ 800	$ 1,700	$ 4,200	$ 4,200
Classroom	$ 9,000	$ 10,000	$ 23,200	$ 51,200
Mass Notification	$ 4,200	$ 7,000	$ 12,300	$ 21,500
Total	$ 87,830	$ 119,580	$ 183,880	$ 286,080

Middle School

Layer	TIER 1	TIER 2	TIER 3	TIER 4
Procedural	$ -	$ -	$ -	$ -
Drill	$ 15,000	$ 15,000	$ 15,000	$ 15,000
Property Perimeter	$ 62,000	$ 77,000	$ 82,000	$ 82,000
Parking Lot	$ -	$ 50	$ 50	$ 50
Building Perimeter	$ 12,120	$ 12,120	$ 51,920	$ 133,920
Video Surveillance	$ 10,000	$ 35,000	$ 60,000	$ 77,000
Vistor Control	$ 800	$ 1,700	$ 4,200	$ 4,200
Classroom	$ 13,500	$ 15,000	$ 34,800	$ 76,800
Emergency Notification	$ 5,700	$ 9,300	$ 17,300	$ 31,100
Total	$ 119,120	$ 165,170	$ 265,270	$ 420,070

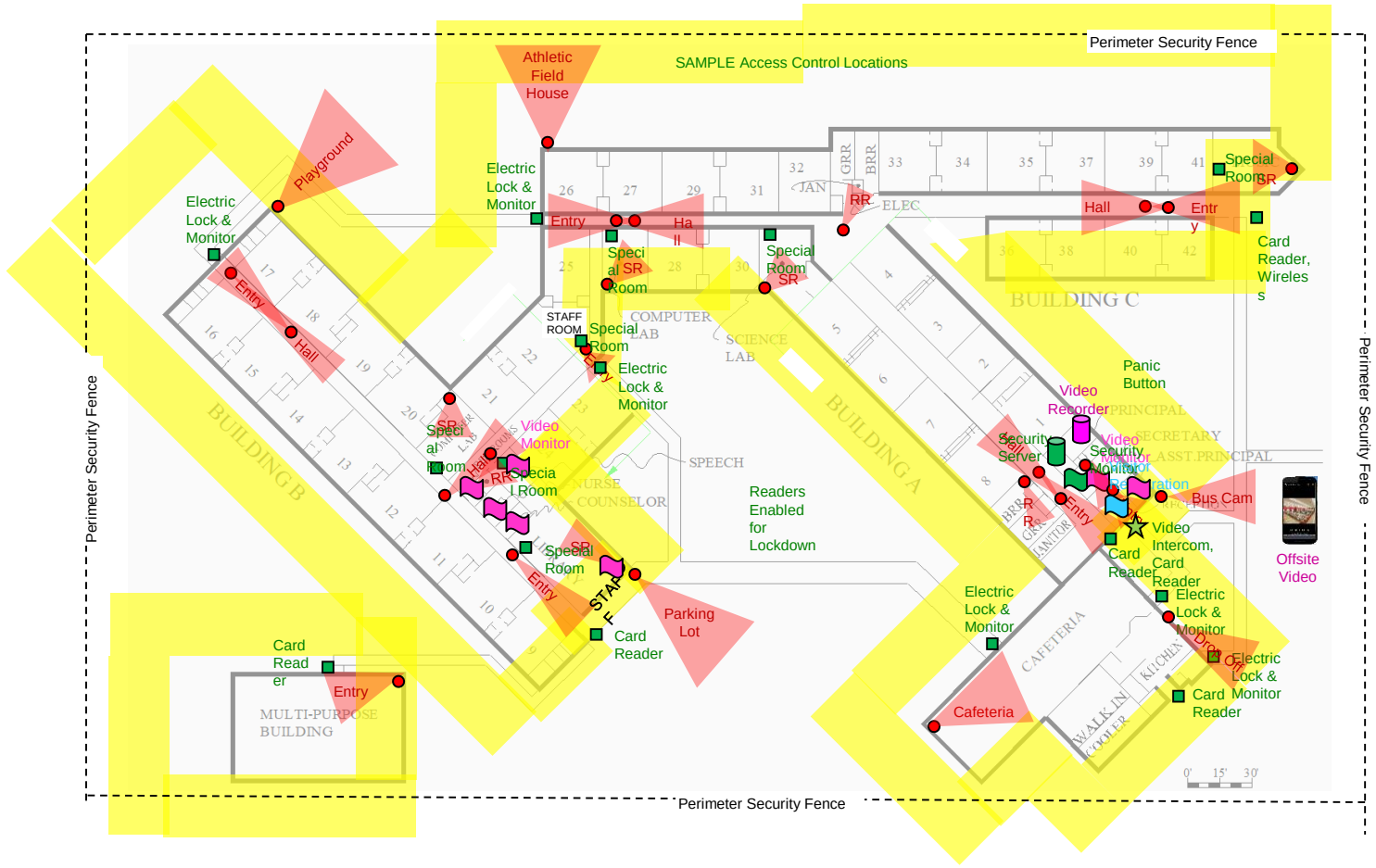
	TIER 1	TIER 2	TIER 3	TIER 4
K-8 Combined	$93,939	$128,481	$199,771	$312,241

Projected Costs – High School (3rd Edition)

High School	

Layer	TIER 1	TIER 2	TIER 3	TIER 4
Procedural	$ -	$ -	$ -	$ -
Drill	$ 15,000	$ 15,000	$ 15,000	$ 15,000
Property Perimeter	$ 93,500	$ 113,500	$ 123,500	$ 123,500
Parking Lot	$ -	$ 200	$ 30,200	$ 30,200
Building Perimeter	$ 22,180	$ 22,180	$ 78,980	$ 178,980
Video Surveillance	$ 10,000	$ 55,000	$ 100,000	$ 135,000
Vistor Control	$ 800	$ 1,700	$ 4,200	$ 4,200
Classroom	$ 20,250	$ 22,500	$ 52,200	$ 7,308
Emergency Notification	$ 8,000	$ 13,800	$ 28,200	$ 45,200
Total	$ 169,730	$ 243,880	$ 432,280	$ 539,388

“PASS Surveyor Tool” : Tiers 1, 2, 3, 4



NFPA 3000™ (PS)

Standard for an Active Shooter / Hostile Event Response (ASHER) Program

IT'S A BIG WORLD. LET'S PROTECT IT TOGETHER.™

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Active Shooter Incidents: 2000-2016

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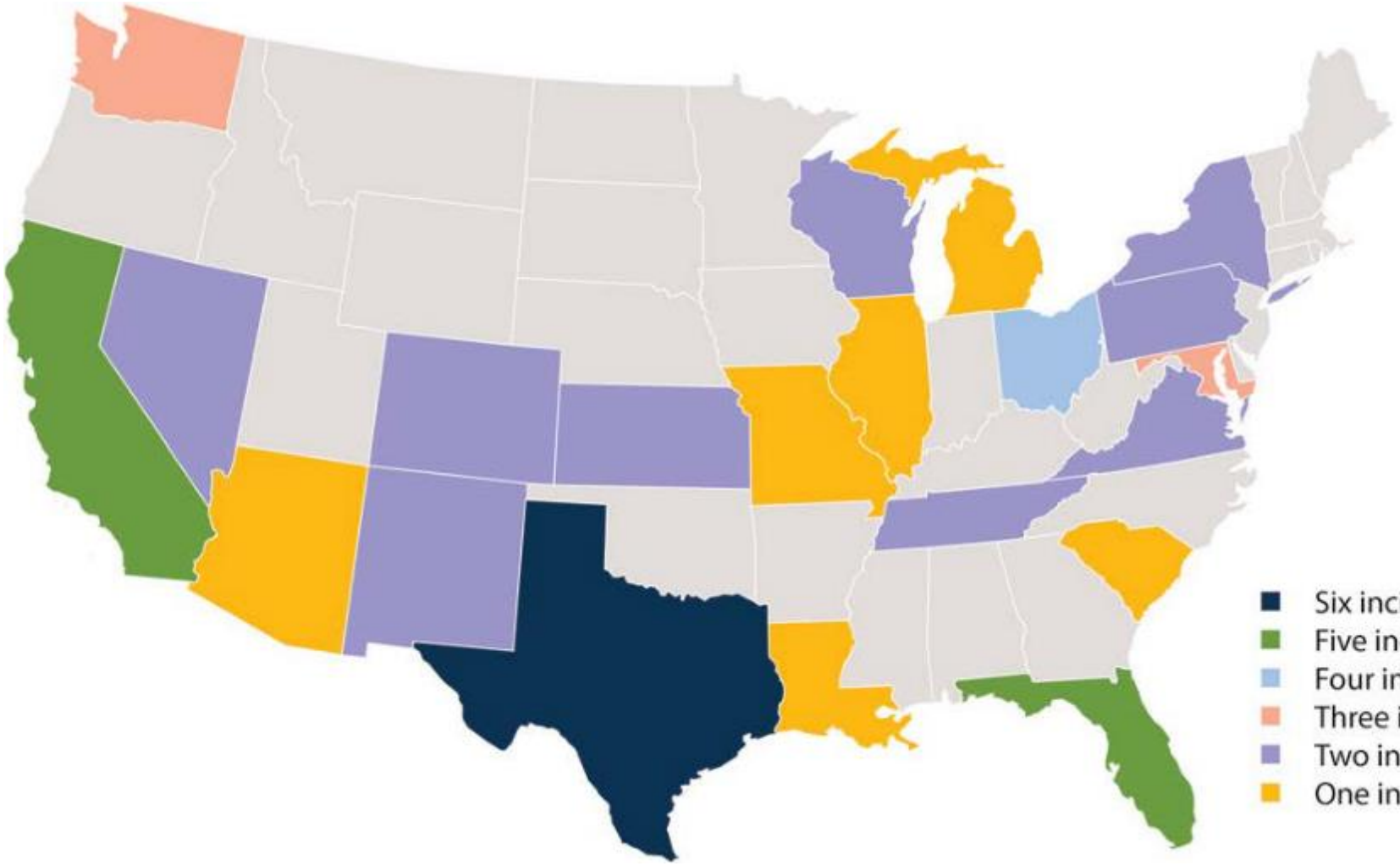
Active Shooter Incidents: 2016 & 2017



50 Incidents in **21** States

943 Casualties

221 Killed

722 Wounded

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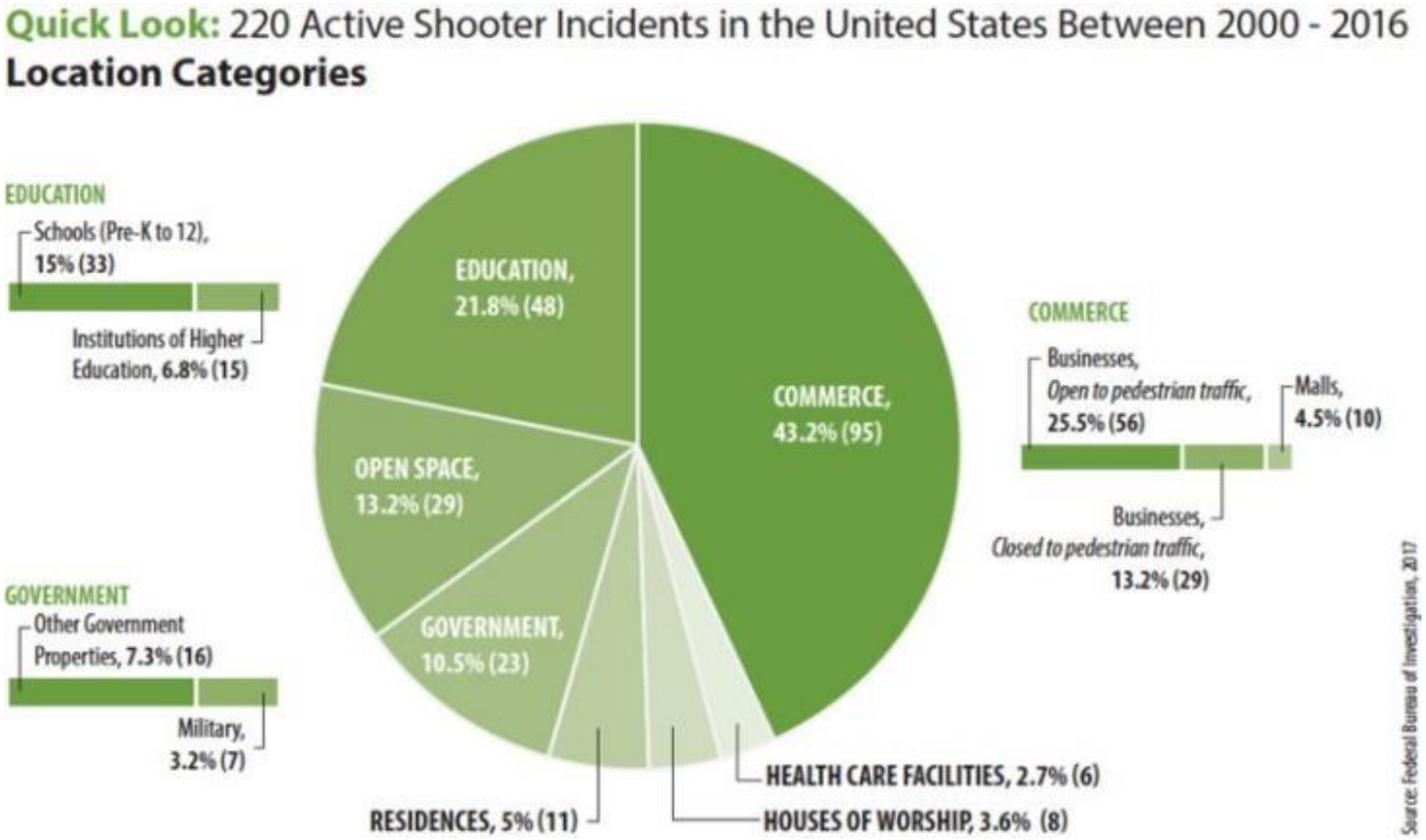
Incident Location Categories



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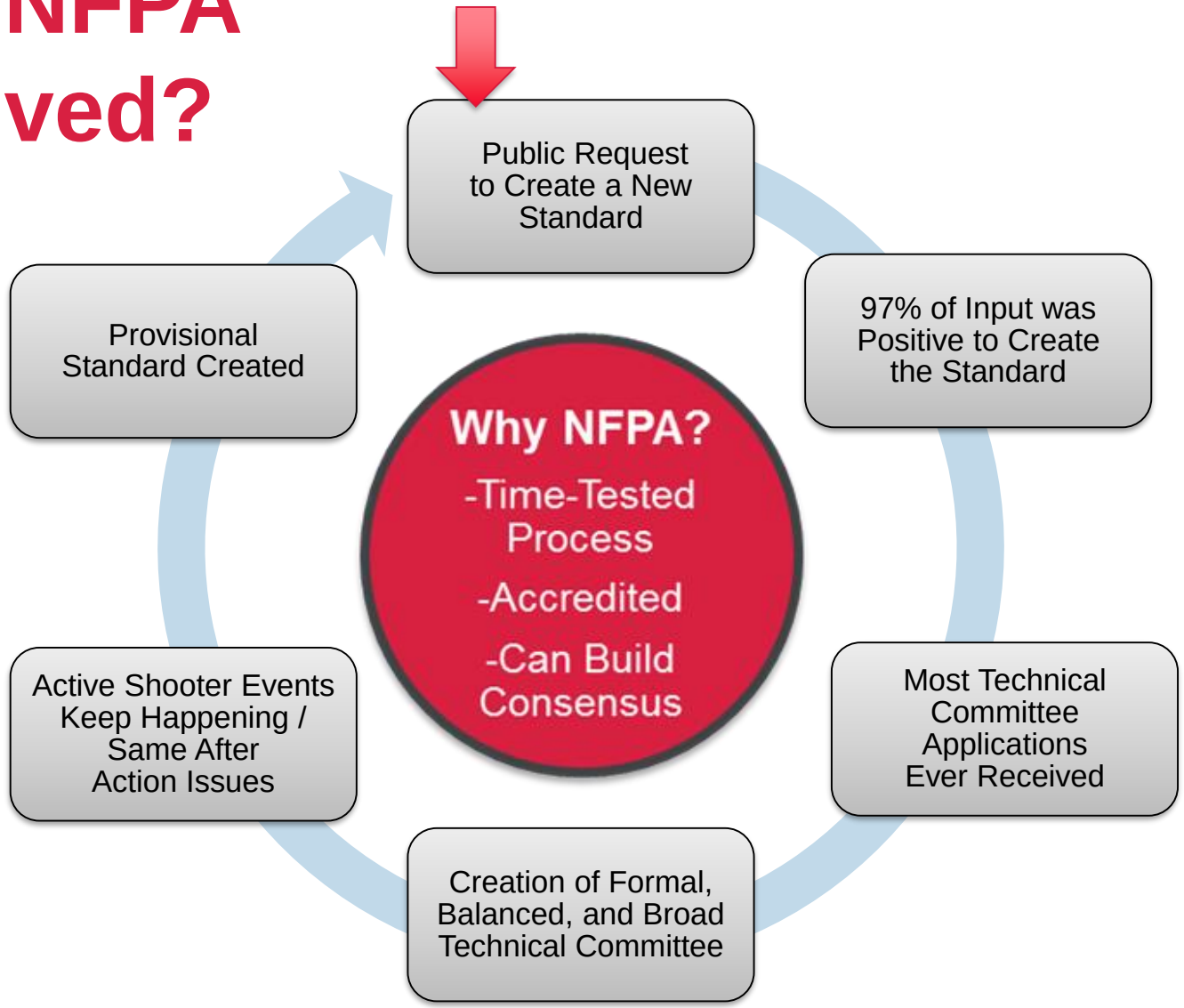
How Did NFPA Get Involved?



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Who Works on NFPA 3000™ (PS)?

50-Member NFPA Technical Committee

Representatives from law enforcement, fire, EMS, emergency management, facility management, healthcare officials, higher education administration, and private security

Agencies represented:
FEMA, DHS, DOJ, DOD, FBI, IACP, IAFC, NAEMT, IAFF, IAEM, and others

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What Does NFPA 3000™ (PS) Do?

Provides information to help mitigate the loss of life and impact to the community during these events

+

Empowers communities to plan, respond, and recover from events in a unified, coordinated manner

=

NFPA 3000™ (PS)

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NFPA 3000™ (PS): A Resource for Everyone

- Community Leaders
- Emergency Management
- Public
- Healthcare Officials
- Non-Governmental Partners
- First Responders
- Facility Managers

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Four Main Concepts

Whole Community

Unified Command

NFPA 3000™ (PS)

Integrated Response

Planned Recovery

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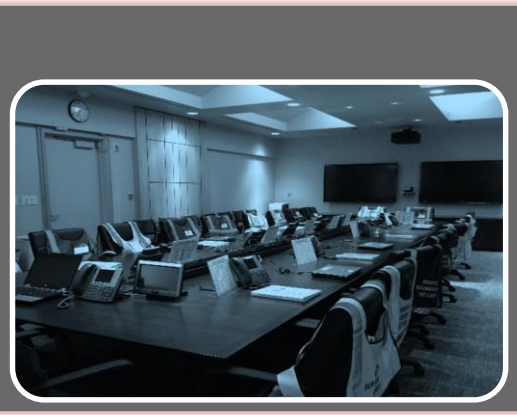
How Does NFPA 3000™ (PS) Help You?



Provides guidance for an entire community's role in ASHER incidents

Outlines communication and responder integration

Identifies resources required for response and recovery

Standardizes guidance on:

- Planning
- Responding
- Recovering

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Risk Assessment

- Identifying Threats
- Analyzing Consequences
- Assessing Hazards & Risks

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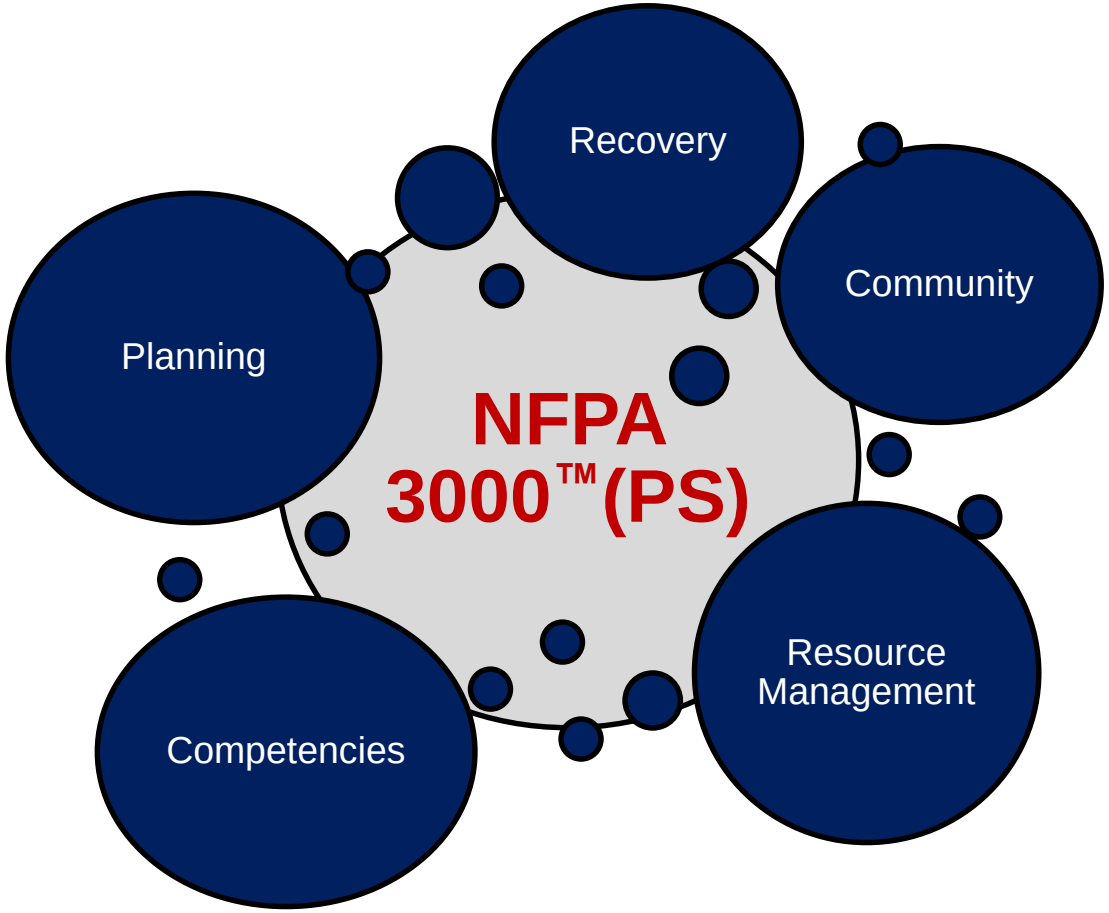
Active Shooter Hostile Event Response Program



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Unified Command

- Fire
- EMS
- Law Enforcement
- Emergency Management
- Additional Participating or Coordinating Agencies as Dictated by Incident Needs

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Facility Readiness

- Characteristics
- Emergency Action Plans
- Integration
- Notification
- Exercise

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Communications Center Support

- Coordination
- Relationships
- Interoperability

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Law Enforcement Responder Competencies

- Knowledge Based on Tasks and Competencies
- Federal, State, and Local Requirements
- Threat-Based Medical Care

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Fire/EMS First Responder Competencies

- Tasks by Zone
- Integration with Law Enforcement Responders
- Competencies
    - Shooter
    - Vehicle
    - IED
    - Fire

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Personal Protective Equipment Requirements

Law Enforcement (All Zones)	Fire / EMS (Warm & Hot Zones)
Ballistic Vest	Ballistic Vest
Identifiable garment	Identifiable garment
Means of communication	Means of communication

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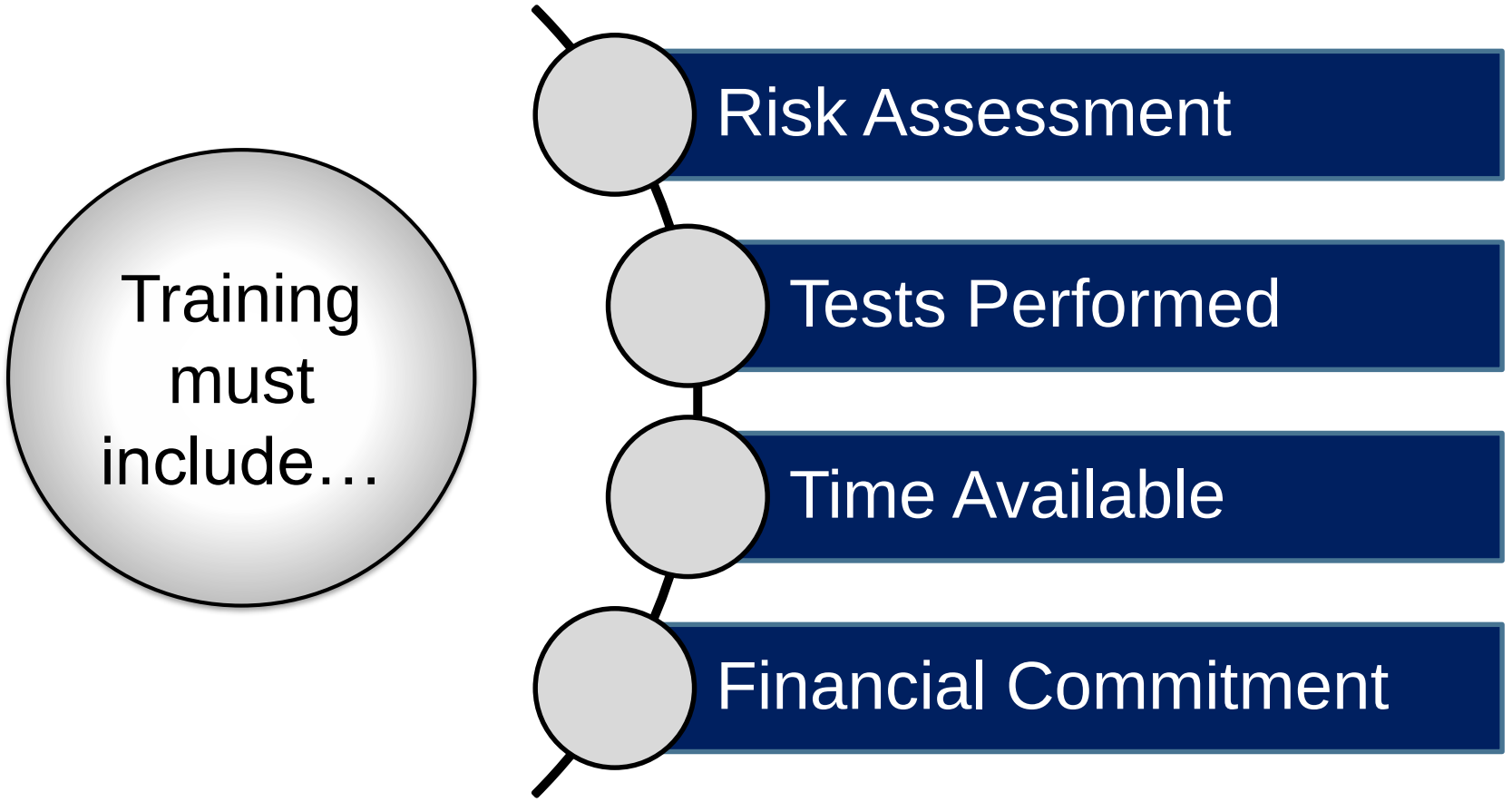
Training



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Warning, Notification, & Crisis Communications

- Organizations should plan for mass notification to the public
  - Social media
  - Direct to public

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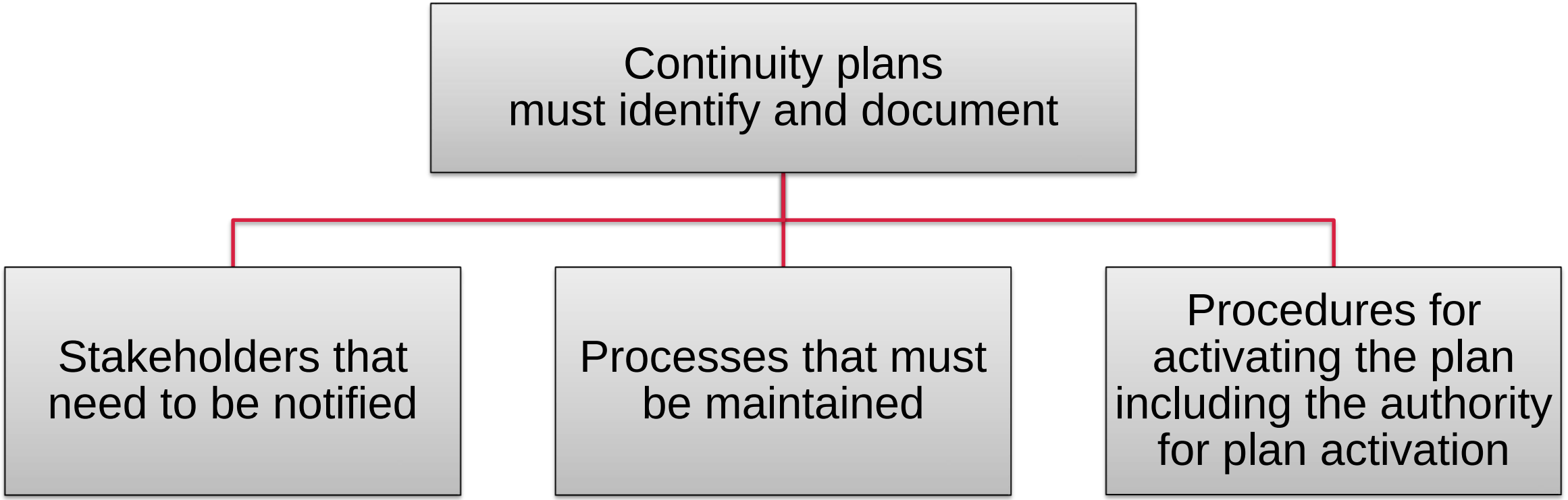
Continuity of Operations



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Receiving Hospitals

- Communications
- Victim Identification
- Facility Security
- Recovery Integration

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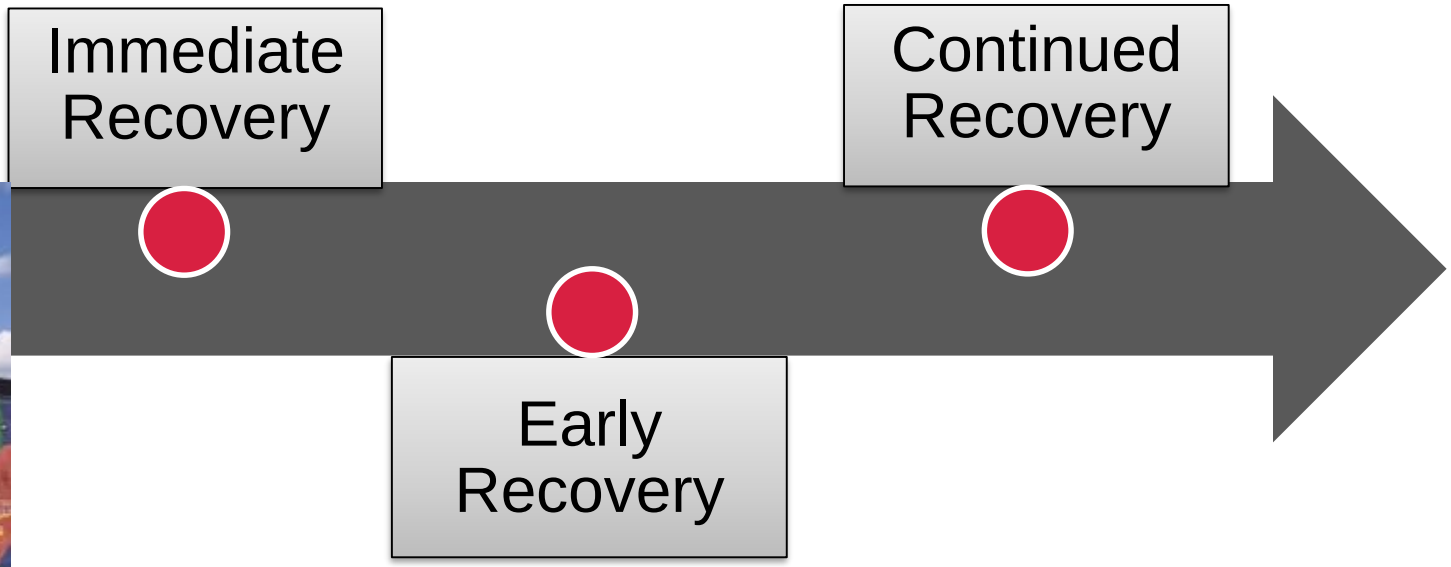
Phases of Recovery



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Whole Community

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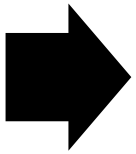
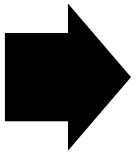
Call to Action: Plan, Prepare & Implement

Learn more about NFPA 3000™ (PS) and how to get involved in the standards development process.



Identify and implement the components that are relevant in your community.



Visit **www.nfpa.org/3000** to access resources, information, and knowledge.

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NFPA 3000™ (PS) PLAN

NFPA 3000™ (PS) RESPOND

NFPA 3000™ (PS) RECOVER

PLAN RESPOND RECOVER
ACTIVE SHOOTER/ HOSTILE EVENT RESPONSE
PROGRAM SPECIALIST
NFPA 3000™ (PS)

STORY DRIVEN. REAL LIFE CASE STUDIES. EXPERT INSIGHTS.

Thank you. Questions?

IT'S A BIG WORLD.
LET'S PROTECT IT TOGETHER.™

Visit **www.nfpa.org/3000news** to learn more.

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Presented in Cooperation with the Congressional School Safety Caucus

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Jake Glacer

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Don Erickson

CEO

Security Industry Association

Mick Zais

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Representative John Rutherford

Congressional School Safety Caucus

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Protective Security Coordination Division
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Matt Hayden
Deputy Assistant Secretary
Office of Partnership and Engagement
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