SCHOOL SAFETY SOLUTIONS

North Carolina

TODD MILLER

Rave Mobile Safety

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NORTH CAROLINA'S EDUCATION SAFETY PARTNER

- Alamance Community College
- Alamance Community School
- Appalachian State University
- Ascend Leadership Academy
- Bear Grass Charter School
- Blue Ridge Community College
- Bonnie Cone Classical Academy
- Cape Fear Center for Inquiry Charter School
- Cape Fear Community College
- Carolina International School
- Central Park School for Children
- Central Piedmont Community College
- Charlotte Christian School
- Cherokee Central Schools, NC
- Chowan University
- CIS Academy Charter School
- Clover Garden School
- Community School of Davidson
- Craven Community College
- D.C. Virgo Preparatory Academy
- Duke University
- East Carolina University
- East Wake Academy
- Edenton-Chowan Schools
- Edgecombe Community College
- Elizabeth City State University
- Bladen Charter School
- Forsyth Technical Community College

- Franklin Academy
- Gaston College
- Greene County Schools
- Healthy Start Academy
- Henderson County Public Schools
- Hoke County, NC
- Invest Collegiate
- Kestrel Heights Charter School
- Lake Norman Charter School
- Lees-McRae College
- Lenoir Community College
- Lenoir-Rhyne University
- Madison County Schools
- Maureen Joy Charter School
- Metrolina Regional Scholars Academy
- Mitchell Community College
- Montessori Children's House Durham
- Montgomery County Schools
- NC School of Science and Mathematics
- Neuse Charter School
- North Carolina A&T State University - Cooperative Extension
- North Carolina Agricultural and Technical State University
- North Carolina Central University
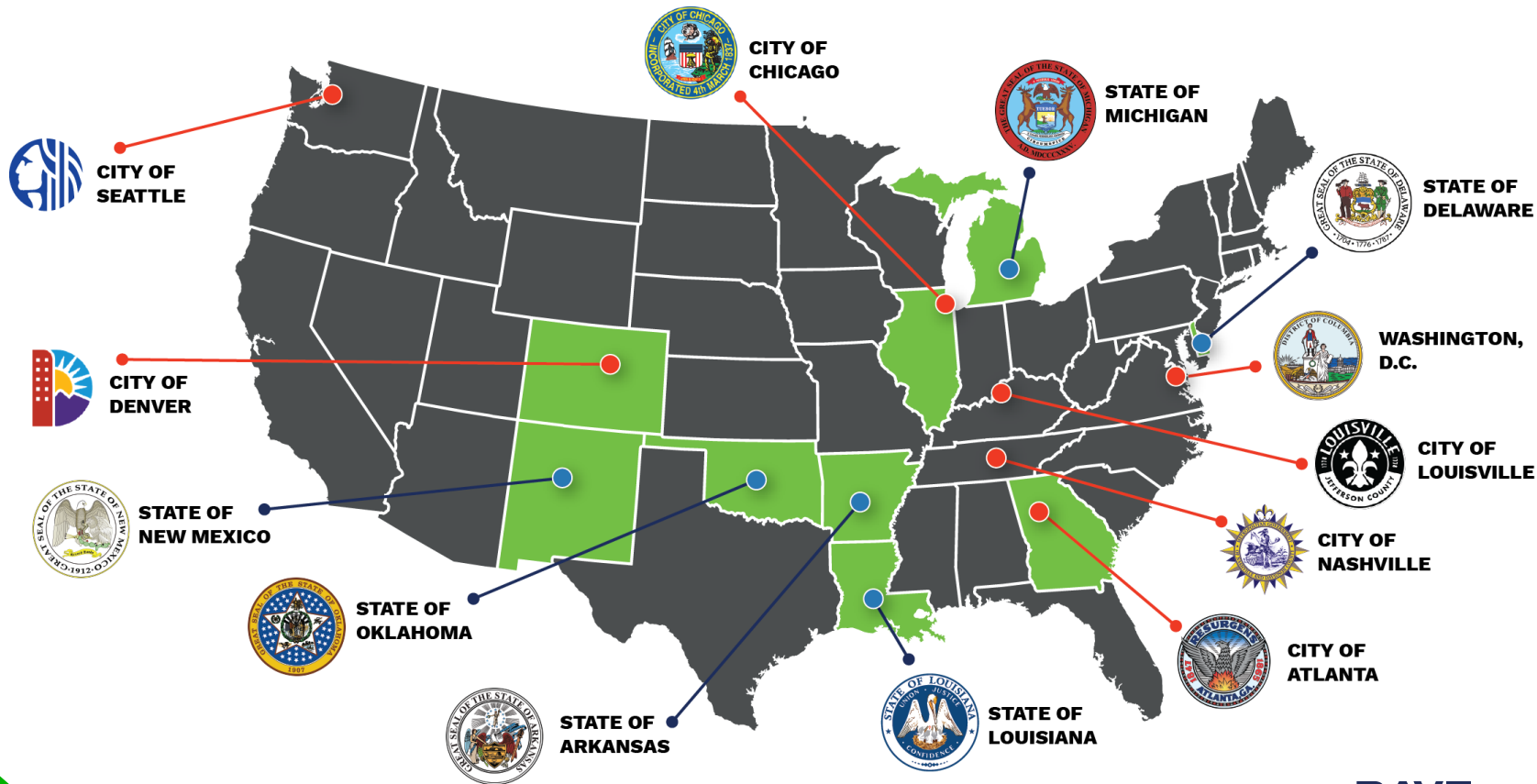- North Carolina State University
- Pitt Community College

THE UNIVERSITY of NORTH CAROLINA at CHAPEL HILL

NC STATE UNIVERSITY

Duke UNIVERSITY

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NORTH CAROLINA'S SAFETY PARTNER

HENDERSON COUNTY · FOUNDED 1838

Greenville
NORTH CAROLINA

NEW BERN
CITY OF NEW BERN

Harnett
COUNTY
NORTH CAROLINA

Welcome
to
Hoke
County

YANCEY COUNTY · NORTH CAROLINA · GATEWAY TO MOUNT MITCHELL · 1833

SEAL OF BURKE COUNTY · ORGANIZED 1777 · NORTH CAROLINA

COUNTY OF DARE · 1870 · NORTH CAROLINA

PITTSBORO, NORTH CAROLINA · 1787

CITY OF WHITEVILLE, N.C. · 1833

SAMPSON COUNTY, N.C. · MANUFACTURING · PORK · AGRICULTURE · EST. 1784

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CRITICAL COMMUNICATIONS AND COLLABORATION

CITY OF CHICAGO

STATE OF MICHIGAN

STATE OF DELAWARE

CITY OF SEATTLE

WASHINGTON, D.C.

CITY OF DENVER

CITY OF LOUISVILLE

STATE OF NEW MEXICO

CITY OF NASHVILLE

STATE OF OKLAHOMA

CITY OF ATLANTA

STATE OF ARKANSAS

STATE OF LOUISIANA

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Do all you can today.

NORTH CAROLINA SCHOOL SAFETY

BACKGROUND AND HISTORY

NORTH CAROLINA – SRRMS OVERVIEW

- In 2015, the General Assembly established the School Risk and Response Management System (SRRMS). The statewide system is designed to enable the efficient gathering, communicating, and displaying of data to assist school officials and first responders in preventing, preparing and responding school safety hazards.

- The SRRMS is comprised of five key components:

  - Digital Building Floorplan Schematics and Asset Identification; - Complete

  - School Risk Management Planning (SRMP) Application; - Complete

  - Anonymous Student Safety Tip Application (SPKUP); - Complete

  - State Emergency Response Application (SERA); and, - Complete

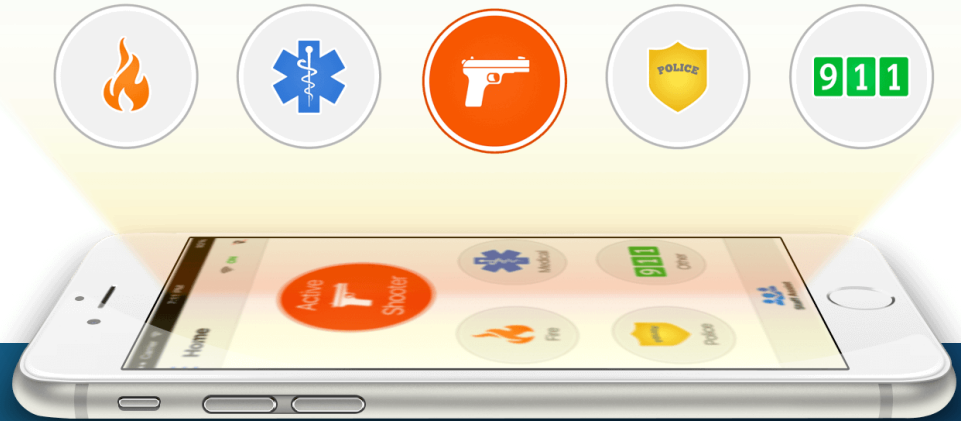 - Digital Panic Alarm Application. – Legislatively required, not funded

NORTH CAROLINA – SRRMS PANIC ALARM PILOT

- The 2017, the General Assembly tasked the North Carolina Department of Emergency Management (NCEM) to perform a proof-of-concept pilot on a statewide panic alarm program.

- Legislative direction was to leverage the pilot program to select a solution for a statewide mobile panic button program

- Extensive vendor interviews and tests conducted in across the state

- NCEM released a report in April 2018 and testified in November of 2018 with their Panic Button recommendation

Panic Alarm Solution
for North Carolina K-12 Public Schools

North Carolina Department of Public Safety
North Carolina Division of Emergency Management

May 2018

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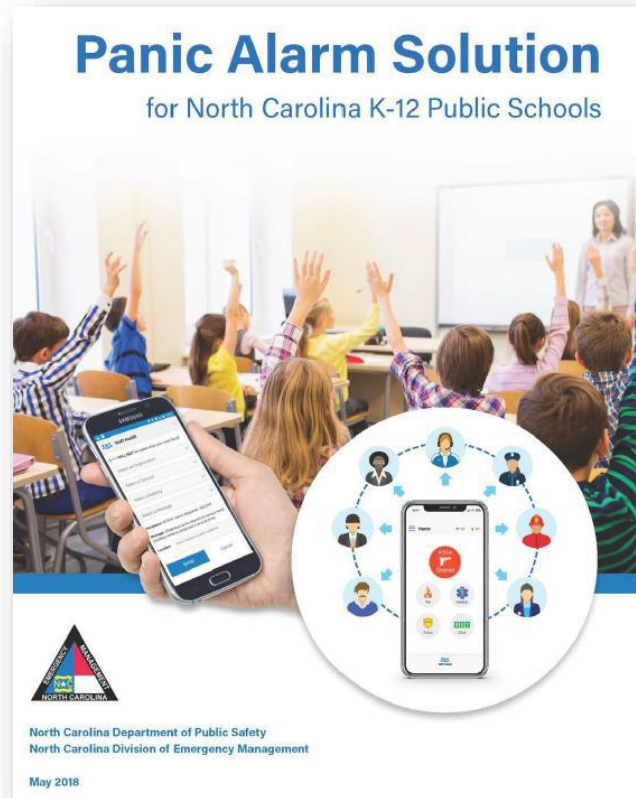
Panic Button Program Overview
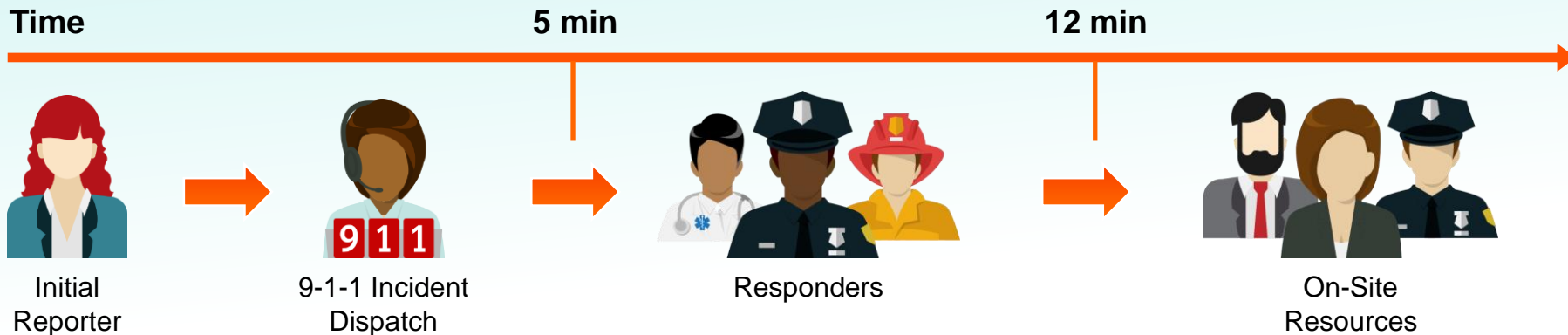
School Safety Platform

- Instant Incident Notification

- Faster Incident Response

- Stakeholder Collaboration and Response

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TODAY'S CHALLENGE: SEQUENTIAL PROCESSING

69% of Active Shooter Incidents last ≤ 5 minutes

Officers arrive before the end of incident only 31% of the time

Time

5 min

12 min

Initial Reporter

9-1-1 Incident Dispatch

Responders

On-Site Resources

Source: FBI's *A Study of Active Shooter Incidents in the United States between 2000 and 2013*

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INCIDENT NOTIFICATION AND MANAGEMENT

Time

5 min

12 min

69% of Active Shooter Incidents last ≤ 5 minutes

Officers arrive before the end of incident only 31% of the time

On-Site Resources

Initial Reporter

9-1-1 Incident Dispatch

First Responders

3rd Party Technologies

Source: FBI's *A Study of Active Shooter Incidents in the United States between 2000 and 2013*

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NORTH CAROLINA'S SERA APPLICATION

- SERA is a web-based application designed to assist emergency responders and public safety as they respond to hazards and threats at K-12 and Higher Education facilities.

- SERA Leverages data and information documented in School Risk Management Plan (SRMP) and Higher Education Risk Management Plan (HERMP).

- SERA presents profile and process information and spatially displays school floorplans, key assets, and vulnerabilities.
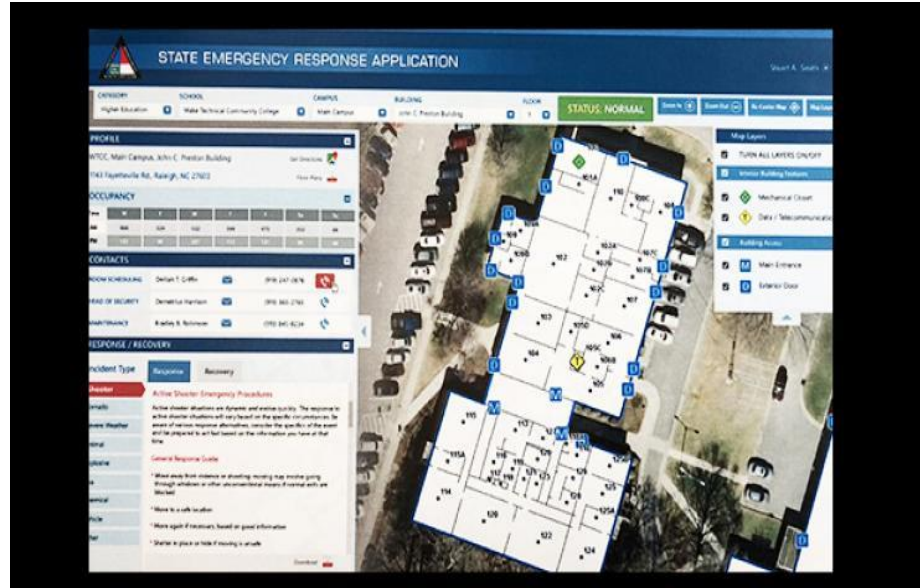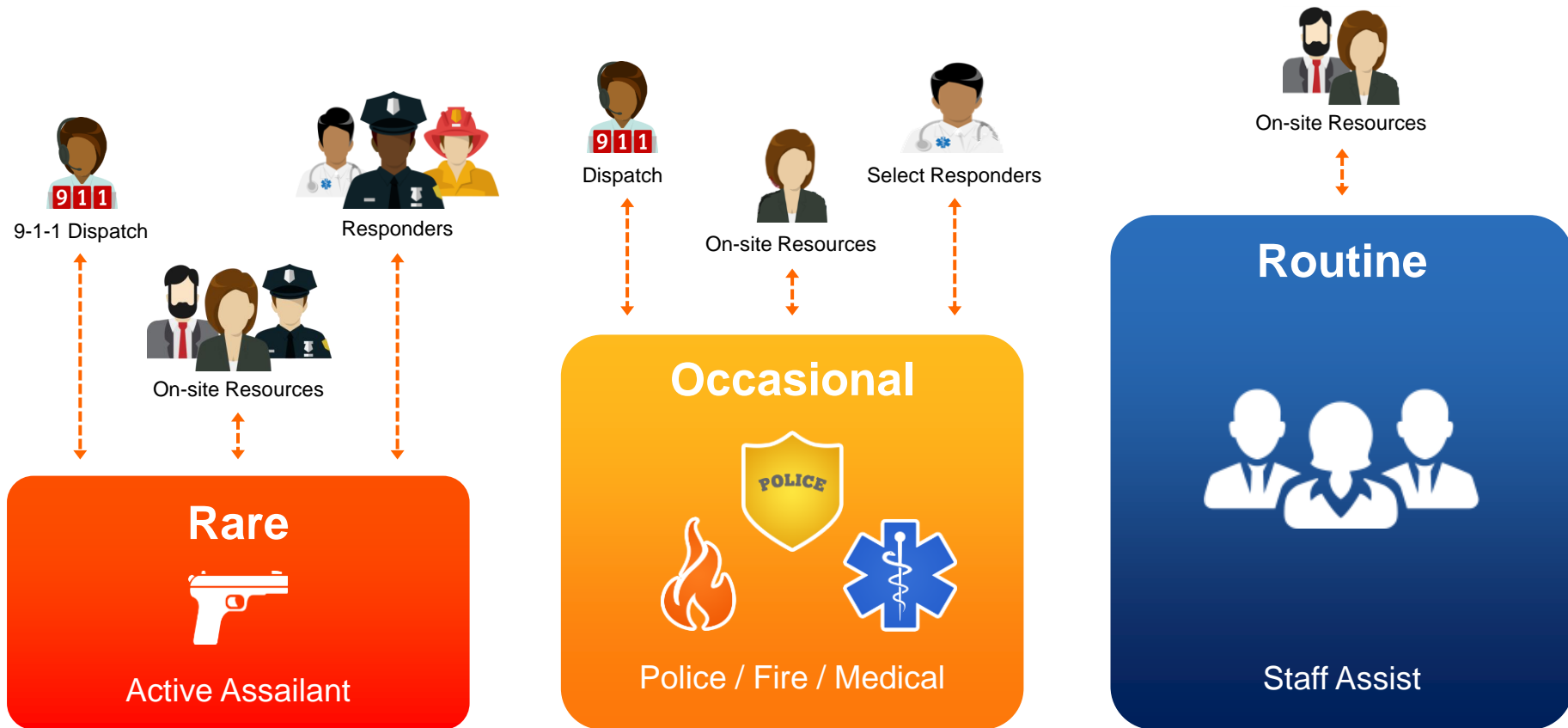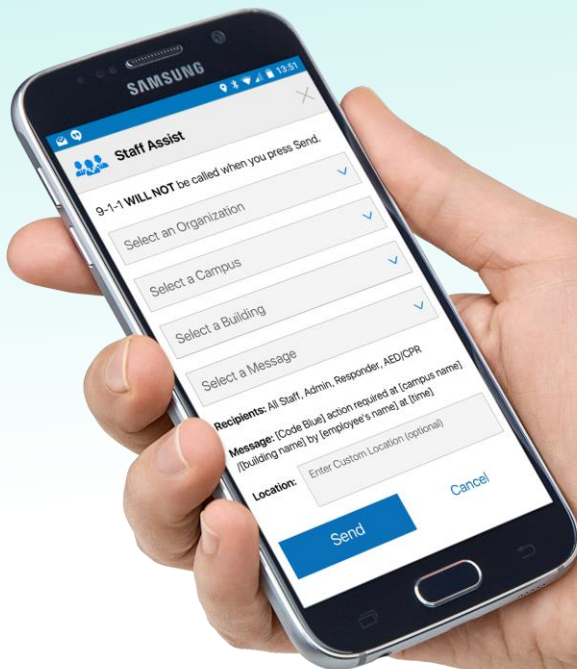
EASY INTERNAL COMMUNICATION

- Send pre-set messages to individuals, teams, departments, everyone

- Provide updates during an emergency

- Mental Health resources

Staff Assist

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STANDARDIZED SCHOOL SAFETY RESPONSE PLATFORM

The United States Department of Homeland Security has certified products under the SAFETY Act (Support Anti-terrorism by Fostering Effective Technologies Act).

✓ Providing ubiquitous coverage through a scalable option that can be deployed across all facilities quickly and effectively

✓ Cost effective, and the ability to implement without the need for construction or building upgrades and can be deployed by start of school year

✓ Non-intrusive security that arms individuals with technology providing tools on the ground

✓ Does not require costly hardware installations that must be maintained and replaced over time

✓ Standardized communication tool to enhance interoperability that allows first responders from multiple jurisdictions to communicate during multi-agency response

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