Welcome to the NVFC’s Train Strong Webinar Series.

Today’s webinar is “Public Safety Solutions for First Responders Using Mobile Devices”
The National Volunteer Fire Council (NVFC) is the leading nonprofit membership association representing the interests of the volunteer fire, EMS, and rescue services. The NVFC serves as the voice of the volunteer in the national arena and provides invaluable resources, programs, education, and advocacy for first responders across the nation.
MEMBERSHIP

Have a voice in advocating for volunteer fire and emergency services nationwide and locally.

Up your skills through free training, educational scholarships, and giveaways.

Grow your fire family by connecting with fire service volunteers in your area and across the country.

Look after your loved ones with a $10,000 AD&D insurance policy.

Know you're backed by the top organization fighting for the volunteer fire and emergency services.

Become a member for only $18 a year. Join today at NVFC.org/Join
SPEAKERS

Geoff Engerman
Product Manager
Public Safety

Paul M. Miller
Manager
Business Continuity Event Management

Rob Bergen
Marketing
Military & First Responders
# Detailed agenda

<table>
<thead>
<tr>
<th>Topics</th>
<th>Owner/s</th>
<th>Time</th>
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<tr>
<td>1. Public Safety Application Portal</td>
<td>Geoff Engerman</td>
<td>30 min.</td>
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<tr>
<td>2. Network Resource Requests</td>
<td>Paul Miller</td>
<td>10 min.</td>
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<td>3. First Responder Benefits Program</td>
<td>Rob Bergen</td>
<td>10 min.</td>
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<td>4. Q&amp;A</td>
<td>All</td>
<td>10 min.</td>
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Public Safety Application Portal

Geoff Engerman
Product Manager, Public Safety
Presentation Outline

1. What is the Verizon Public Safety Applications Portal?
2. What problems does Verizon solve by building a Public Safety Applications Portal?
3. Public Safety App Standards
4. Apps for Fire and EMS
   a. FirstTwo
   b. Blueforce
   c. Esri
5. Applications Portal Demonstration
6. Questions and Answers

https://app.publicsafety.Verizon.com
Verizon Public Safety Applications Portal

Open, inclusive, web portal that serves the needs of Public Safety by creating a catalog of vetted applications in use by our customers.

Provides applications that help enable public safety organizations to complete their missions and supports industry standards for interoperability.

- Open to Verizon customers and non-customers
- Supports applications for devices used by public safety
- Supports application security and standards
What the Application Portal Solves

1) It is hard to find public safety apps in the Google Play store, Apple iOS store, Windows store
   a. When you do find an app, how do you know it is viable/in use/safe to use?
   b. How do you research and verify the app vendor?
   c. How do you know it will provide the features and services the description states?

2) Application/Vendor vetting
   a. Vendor references must be checked
   b. Agency ‘in use’ reference must be checked
   c. Standards, roles and categories it supports needs verification
   d. What Application Security (AppSec) program does the vendor uses

3) Helps to solve the traditional ‘regionalization’ of apps for public safety software vendors
Applications Portal: Key Components

Key Components

1. End Customer Portal
   a. Available through Verizon Enterprise Public Safety web page
   b. Secure Log-In
   c. Ability to Search based on:
      i. End User Roles
      ii. App Categories
      iii. Standards
      iv. Device Platforms
   d. View App:
      i. Description
      ii. Videos
      iii. Images
      iv. Brochures

High Level Functionality
Public Safety Application Standards

The Applications Portal provides information on various standards that apply to Public Safety, and requires that Vendors list which standards their application(s) support.
What is the Value?

The value of the Applications portal is dependent on the applications listed.

- Verizon is committed to listing best-of-breed public safety apps that are in use today.
- Our goal is to be app inclusive if the app is referenceable by valid agencies.

Sample Applications:

- Visual intelligence app that uses public information sources to provide dispatchers and first responders with helpful information about a location
- Situational awareness app that monitors body worn sensors
- ArcGIS Online – a living atlas of the world with thousands of data contributors
FirstTwo: Armed with Intelligence

FirstTwo
Investigation
FirstTwo, Inc.

Visual Intelligence
For
Public Safety

Safer and Smarter
Armed With Intelligence

Niraj Shah – CEO / Founder
niraj@firsttwo.com
FirstTwo App
Using Visual Intelligence with Public Information
Use Cases and Testimonial

Lots of different uses

- Who's behind the door
- Shelter-in-place
- Canvassing
- Evacuations
- Pandemic Response

[Image of car]
- Warrants
- Incident command
- Partial or unknown identity
- Dispatch and Comm. Centers
- Multi-family homes

[Image of soldiers]
- Social Media
- License plate to a phone number
- Hostage Negotiations
- Dogs and alarms
- Identify and contact family members

Testimonial

Sonoma Fires

Many did not have any ID because they had to flee, so we used FirstTwo to identify names associated with an address in the restricted area.

- County Sheriff
Situational Awareness tools for Emergency and Mass Casualty Incident Management
Blueforce Firefighter IOT

OPTIMIZED FOR THE VERIZON 5G/LTE NETWORK WITH SUPPORT FOR MEC SERVICES

PLUS...

• PAR Check
• EVAC
• BodyCam
• Rapid Deceleration
• Mass Broadcast
Esri: ArcGIS Online
A Living Atlas

ArcGIS includes a Living Atlas of the World
Maps and Layers from Esri and Thousands of Contributors

with Curated Content on Many Topics
Esri: Powerful mobile tools that interface to ArcGIS Online

...that enables mission critical decisions to help save lives and property.

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Esri: Operations Dashboard
Coronavirus Disease Example

Total Licensed Beds: 103,456
Number of ICU Beds: 945

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Esri: Operations Dashboard

Opioid Abuse

The location data are currently displaying with points stacked. We are working to get this issue resolved. The values shown in the dashboard charts are not being impacted and have been updated. Locations provided are approximate and not actual incident addresses.

Click on the different charts to filter the data. For example, click on Male in the gender chart to filter the other charts to only show calls for males.

Top stories regarding this dashboard and information about the data included are found at https://EsriBlog.com.

Operations dashboard is best viewed using Google Chrome, Firefox, or Safari web browsers.

verizon

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End User Applications Portal Demonstration
Network Resource Requests

Verizon Response Team
Paul M. Miller, Manager
Business Continuity Event Management
We Run To a Crisis, Not Away
Public Safety Hotline

During a crisis, we deploy devices and network assets to first responders not just because it’s the right thing to do, but because it’s our responsibility to keep people connected.

We fulfill our duty, so they can fulfill theirs.

VRT 24/7 Hotline – 1-800-981-9558
Verizon Response Team

Verizon stands ready to support public safety across the US.

The Verizon Response Team (VRT) is available 24x7 to provide emergency assistance to government agencies, emergency responders, non-profits and communities.

VRT Points of Contact include:

- Verizon Response 800 Hotline
- Your local Verizon Representative
- Verizon Response Area Manager
- Business Continuity Outreach Manager
Public Safety Support

- Collaboration
- Response Connectivity
- Response Operations
- Devices and Equipment
Deployable Assets

- **SPOT**
- **Wireless Coverage**
  - Cell on Wheels (COW)
  - Cell on Light Truck (COLT)
- **Backup Power**
  - Generator on a Trailer (GOATs)
- **CROW**
  - Cell Repeater on Wheels
- **STEER**
  - Satellite Terminal Emission Equipment Trailer
- **TOW**
  - Tower on Wheels
- **MEOW**
  - Matsing Equipment on Wheels
Previous Deployments

<table>
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<tr>
<th>Oroville Dam</th>
<th>Hurricane Florence</th>
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<tbody>
<tr>
<td>2017</td>
<td>2018</td>
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</table>

Hurricane Barry | Hurricane Dorian

| 2019 | 2019 |

“Verizon stands ready to support first responders, our customers and employees in the path of Hurricane Florence. We will provide free calls, texts and data to those impacted by the storm and will continue to work closely with partners like the American Red Cross to provide resources to help our neighbors and communities recover as quickly as possible.”

- Hans Vestberg
Verizon CEO
Response Ready Strategy

• It is all about continuous planning, training, exercising AND Partnerships
• We invest considerable time and money to prepare for emergency situations, and test our abilities to respond efficiently and effectively.
• We develop new innovative ways to support First Responders and communities post-disasters/events/emergencies
First Responder Benefits Program

Rob Bergen
Military & First Responder Marketing
First Responder Benefits Program for Personal Devices

First Responders get 15% off monthly access on standard plans and Unlimited starting at just $30/Line for 4 Lines as a thank-you.

15% discount on your monthly account access fee on plans $34.99 or higher.

Enroll to get your discount at verizonwireless.com/firstresponders

<table>
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<tr>
<th>Verizon Unlimited Plans</th>
<th>Start Unlimited</th>
<th>Play More Unlimited</th>
<th>Do More Unlimited</th>
<th>Get More Unlimited</th>
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<tr>
<td>Premium Unlimited 4G LTE Data*</td>
<td>N/A</td>
<td>Up to 25GB</td>
<td>Up to 50GB</td>
<td>Up to 75GB</td>
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<td>Video Streaming</td>
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<td>720p**</td>
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<td>Unlimited Mobile Hotspot**</td>
<td>N/A</td>
<td>30GB of 4G LTE Data**</td>
<td>15GB of 4G LTE Data**</td>
<td>15GB of 4G LTE Data**</td>
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</table>

*Unlimited 4G LTE: In times of congestion, your data may be temporarily slower than other traffic (only after 25GB/mo on Play More Unlimited, 50GB/mo on Do More Unlimited and 75 GB/mo on Get More Unlimited). Domestic data roaming at 2G speeds.

**Full HD (1080p) streaming available on eligible smartphones for $10/mo.

***Unlimited Mobile Hotspot included with the Play More, Do More and Get More Unlimited Plans (reduced to speeds up to 600 Kb ps after 15GB/mo on Play More Unlimited and Do More Unlimited and after 30 GB/mo on the Get More Unlimited Plan.)

First Responder Benefit Program Discounts

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<th>Play More Unlimited</th>
<th>Do More Unlimited</th>
<th>Get More Unlimited</th>
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<td>$225 $225</td>
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POST WEBINAR THOUGHTS OR QUESTIONS?

JOIN THE CONVERSATION!

#CANCER  #FUNDING  #TRAINING  #RECRUITMENT  #SAFETY  #RETENTION

VISIT VOLUNTEEROICES.NVFC.ORG
THANK YOU!

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