

SCHOOL SAFETY & COMMUNICATION CONTINUITY

INTRODUCTIONS



LEA BOGLE
PREMIER WIRELESS
PRESIDENT & CEO



TOM GRAVES
PREMIER WIRELESS
CHIEF STRATEGY OFFICER
(FORMER TARRANT COUNTY DEPUTY SHERIFF)



JAY BURCHFIELD
CRISIS GO
DIRECTOR OF STRATEGIC
PARTNERSHIPS

AGENDA

- **PLANNING FOR THE UNPREDICTABLE**
 - **REVIEWING YOUR INFRASTRUCTURE**
 - **5G NETWORK & PRIORITY ACCESS**
 - **PURPOSE DRIVEN EQUIPMENT**
 - **EMERGENCY RESPONSE & RECOVERY**
 - **PREVENTION, PREVENTION, PREVENTION**
 - **GRANT SUPPORT**
 - **WRAP UP & NEXT STEPS**
-

OUR MISSION

Premier Wireless enables innovation, communication, safety, and transformation through technology.



PLANNING FOR THE UNPREDICTABLE

BEING PREPARED FOR THE UNEXPECTED

- Power Outages
- Weather Events
- Natural Disasters
- Medical Emergencies
- Active Shooters
- Pandemics
- School Events



REDUCE RISK THROUGH ADVANCED PLANNING

STRENGTHENING COMMUNICATION FOR SAFER SCHOOLS

- **Proactive Preparedness:** Advanced planning ensures that you are always prepared for unforeseen events, reducing the potential for communication breakdowns during critical times.
- **Enhanced Safety and Security:** By ensuring multiple communication channels, school districts can rapidly respond to emergencies, ensuring the safety of students, staff, and the community.
- **Efficient Resource Allocation:** Advanced planning for communication redundancy avoids last-minute scrambling, ensuring consistent communication flow even in adverse conditions.



REVIEW YOUR EMERGENCY RESPONSE PLAN

READY FOR THE UNEXPECTED? ASSESS YOUR PREPAREDNESS.



- How does your **emergency response** plan address **communication continuity** across every functional department?
- What are your **contingencies** for essential, reliable **voice and data** communications?
- What are your **redundancies** to reduce or eliminate communication gaps and to ensure your calls and texts go out?
- Are you sure your **employee phones** work?
Where is your **emergency plan**? Can you access it anywhere, anytime?
- When was the last time you **analyzed, tested**, and updated your communication plan?

CAMPUS & IN-BUILDING COVERAGE

WHERE ARE YOUR COVERAGE CHALLENGES?

- Hallways
- Classrooms
- Cafeteria
- Gyms
- Administration offices
- Playground
- Sporting fields
- Parking lots

WHAT ARE YOUR CELLULAR AND IN-BUILDING LIMITATIONS?

WI-FI Coverage

- Identify where there are gaps
 - Full outside coverage
 - Construction changes
 - Bandwidth limitations from provider
 - Obsolete Equipment

Cellular Dead Zones





TAKING ACTION

CELLULAR COVERAGE ENHANCEMENTS

- T-Mobile Advanced Network Solutions (ANS)
- Distributed Antenna Systems (DAS)

TRADITIONAL NETWORK SOLUTIONS

- Add /Upgrade Access Points
- Increase Bandwidth
- Add Hardwired Phone Lines

CELLULAR

- Supplement With 5G As A Primary Service
- Load – Balance To Increase Capacity

BUILT-IN REDUNDANCY

WHAT HAPPENS WHEN YOUR NETWORK GOES DOWN?

- Phone systems go down
- Background checks can't be completed
- Security systems are compromised
- Camera Access is lost
- What Other **internet-connected devices** do you have?

When all else fails... What is Plan B?

PORTABLE MOBILE COMMAND CENTER

PREMIER'S 5G MOBILE NETWORK-IN-A-BOX

- Portable Command Center
- 50-100 (or more) Endpoints
- Communication Continuity
- Reunification Plans
- Recovery Plans
- IP68 Rated for Water & Dust



VOICE & DATA COMMUNICATION

DESK PHONES – SMART PHONES – BASIC PHONES & RADIOS

- UCaaS
- Desk Phones & Cell Phones
- Laptops & Tablets

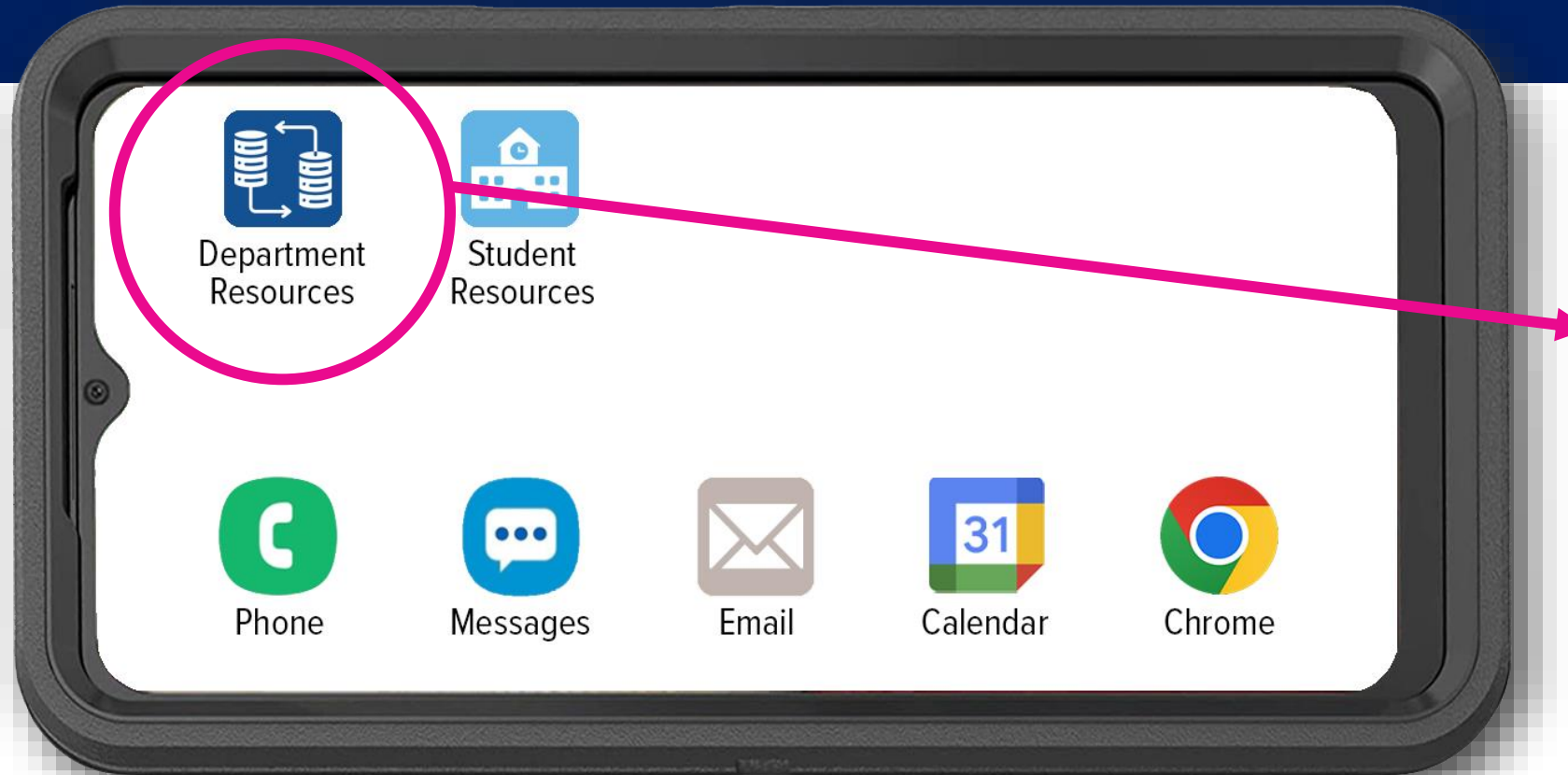
RIGHT DEVICES FOR THE RIGHT PERSON

- | | |
|-----------------------------------|---------------------------------------|
| ▪ District Administrators | ▪ Teachers |
| ▪ School Resource Officers | ▪ Facilities - Technology – Warehouse |
| ▪ Principals/Assistant Principals | ▪ Food & Nutrition – Landscaping |
| ▪ School Nurse & Counselors | Transportation |

We can help you create a truly Unified Communication Plan!



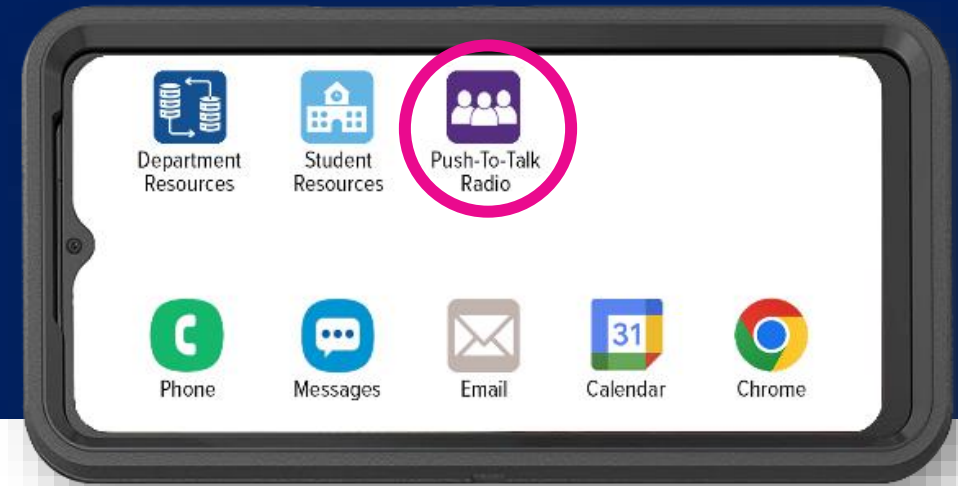
CPR³ – SMARTPHONES CONNECTING PEOPLE TO RESOURCES

A white callout box with a black border and a tab at the top left. It contains a small version of the 'Department Resources' icon at the top left. Below the icon, the text 'Department Resources' is written in bold. Underneath, there is a bulleted list of resources.

Department Resources

- Faculty
- Landscaping
- Food & Nutrition
- Technology
- Work Orders

T-MOBILE DIRECT CONNECT PTT



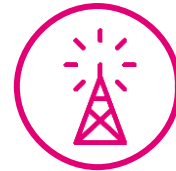
Provides messaging between individuals or groups with support for images, videos, audio, and location sharing



Provides location sharing and tracking capabilities for precise coordination



Supports devices with Push-to-Talk button hardware to help reduce call origination time with One-Touch calling



Gives ability to augment your Land Mobile Radio (LMR) network with T-Mobile devices

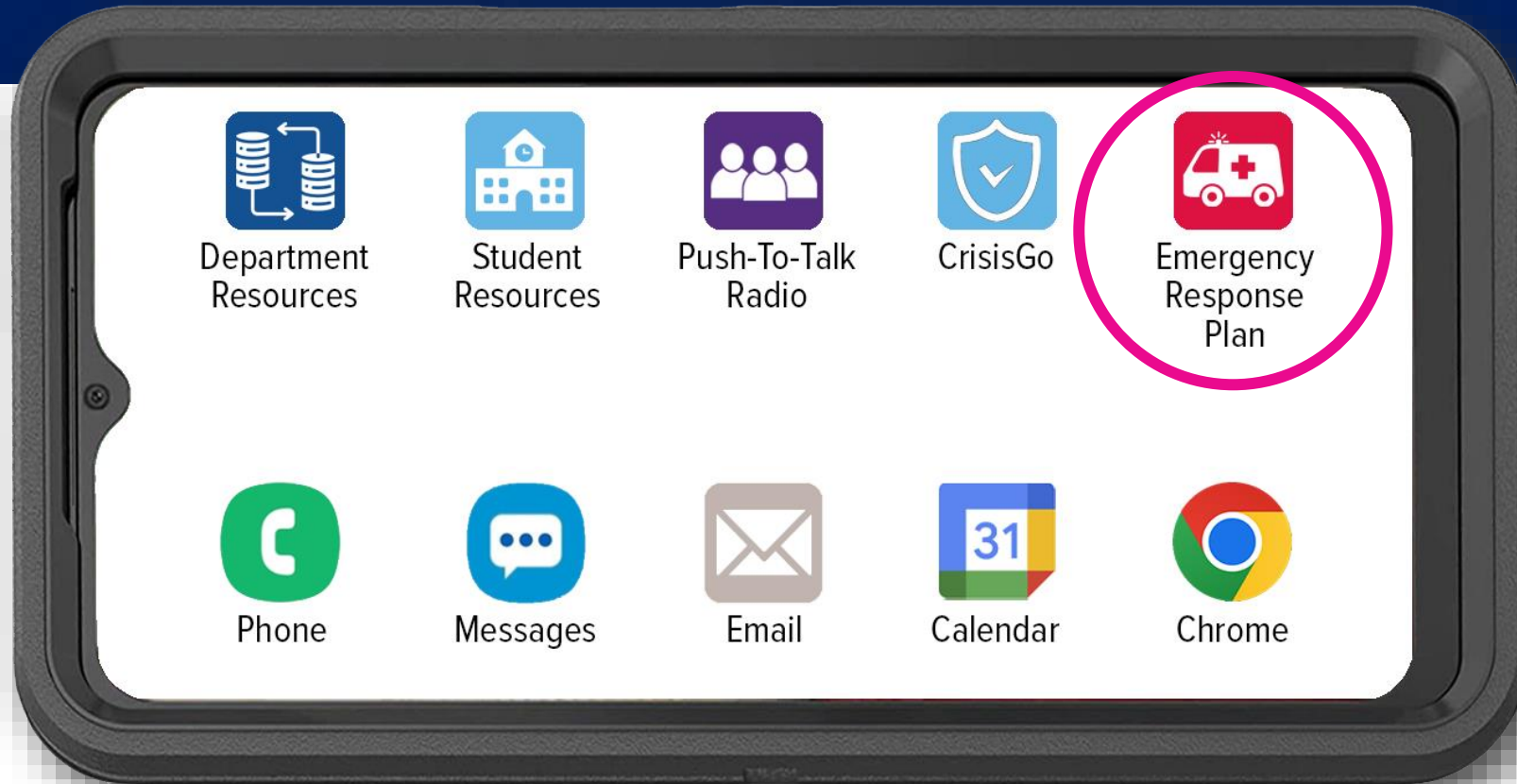


Offers broad device support from rugged PTT devices to conventional smartphones and tablets (iOS and Android)



Allows supervisors to centrally manage contacts, Talk groups, and settings with the Corporate Administration Tool (CAT)

PURPOSE DRIVEN & POISED FOR EMERGENCY RESPONSE



CRISIS GO

A WHOLISTIC APPROACH TO CRISIS COMMUNICATIONS &
INCIDENT MANAGEMENT



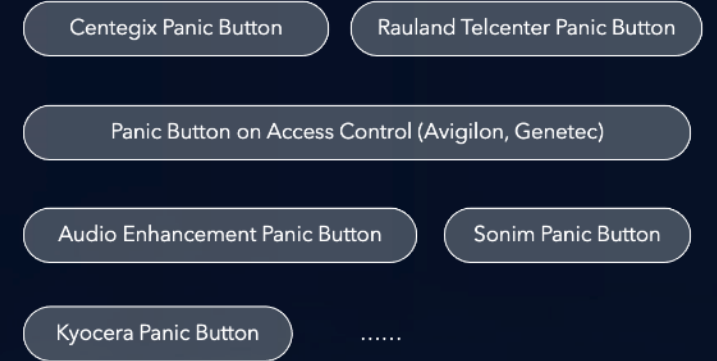
CRISISGO



CrisisGo Panic Button



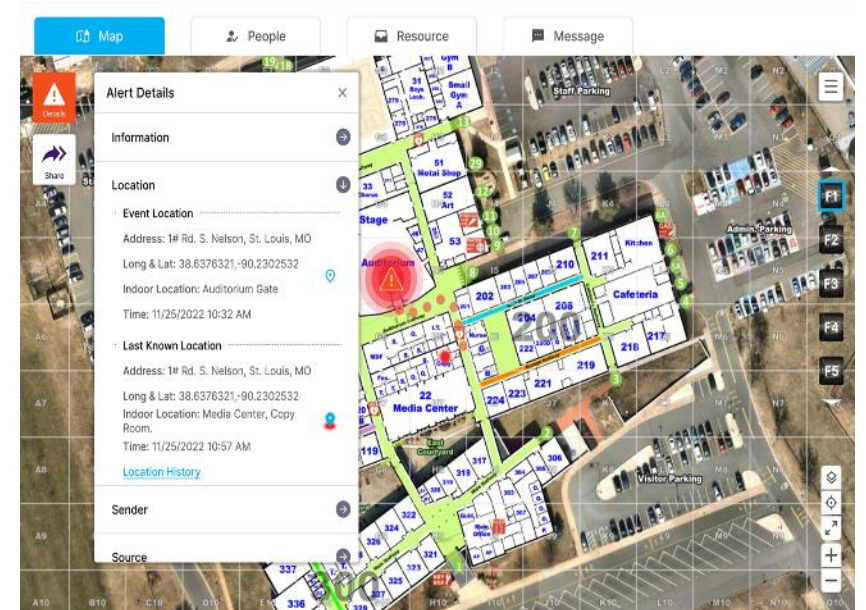
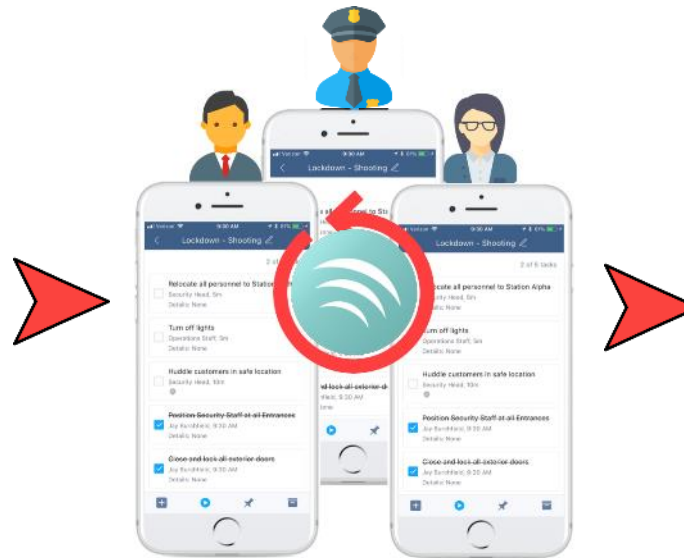
Extended Panic Button



DIGITIZE YOUR EMERGENCY RESPONSE PLANS

ROLE-BASED INCIDENT MANAGEMENT

INTEGRATE YOUR FACILITY MAPS FOR INDOOR LOCATION TRACKING



AWARENESS

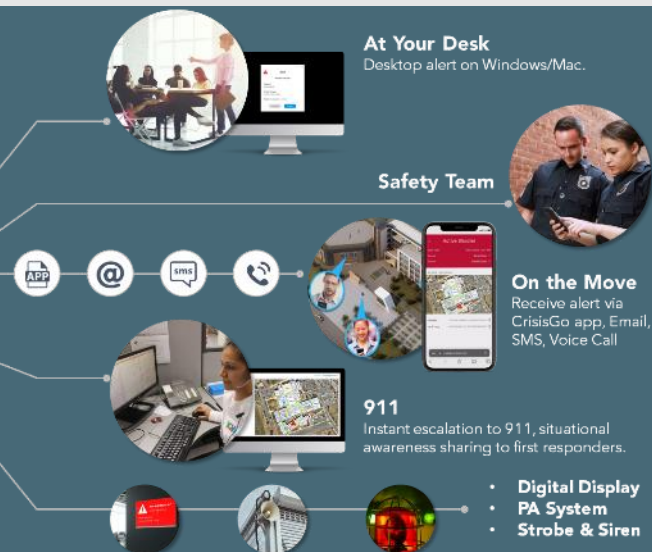
MASS NOTIFICATION SYSTEM



- PARENTS
- GUARDIANS
- COMMUNITY



CRISISGO ACTIVATION

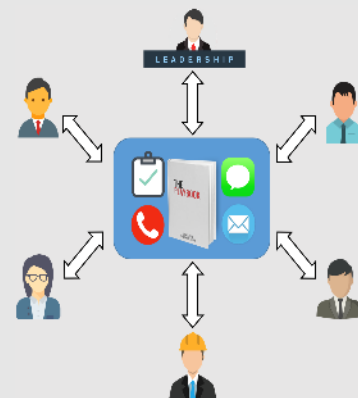


COORDINATION

INCIDENT RESPONSE SYSTEM



- TEACHERS
- STAFF
- POLICE
- FIRE
- ISD ADMINS



CRISIS GO



PM Police Mary Bowen Neen 2:30 pm
This is Frazier County Police Station, receiving active shooter alert from your facility. Anyone please report to me what you know so far?

PK Principal Kelly 2:33 pm
It has been a panic button activated by Alex Brown our PE teacher, requesting Active Shooter alert. It appears to be coming from the gymnasium.

PM Police Mary Bowen Neen 2:34 pm
Understood, thank you Principal Kelly. And Alex, any information update from your side?

AB Alex Brown (staff) 2:40 pm
Locker room, and the individual came into one of the open doors to the gym, he went across the room and heading towards the east wing for the campus now.

BC Brooks Claire (Fire Dept.) 2:42 pm
On the way, ready for support.

PM Police Mary Bowen Neen 2:44 pm
Copy that, any patrol arrived yet?

P3 Patrol 311 2:42 pm
This is patrol 311, already arrived at campus, no suspects found yet.

INVOLVE ALL STAKEHOLDERS



SCHOOL STAFF



TEACHER



STUDENT



**SUPERINTENDENT,
PRINCIPAL**



**911, FIRST
RESPONDER**



SAFETY TEAM



PARENT

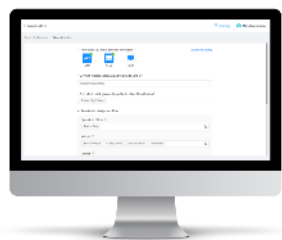


CRISIS GO



CRISIS GO

Step 1: Initiate Reunification Event



Step 2: Account for Students

- Students at the reunification site are accounted for by staff via the mobile tool or can self-scan into the kidhold.



Step 3: Notify Parents

- Starting with parent communication.
- Parents receive guidance and a digital QR Code to pick up students at the designated reunification site.

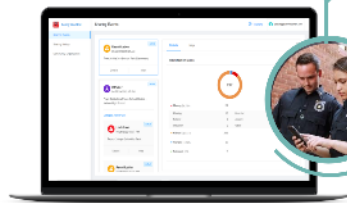


Step 4: Greet Parents

- At the reunification site, greeters scan the parent's digital ID and know which kid(s) to pick up via mobile phones, verifying the parent's identity.

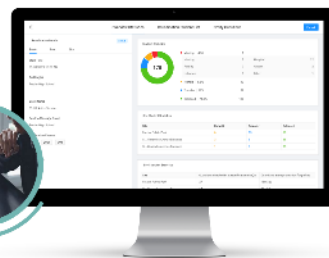


(Optional) Sharing Event Data with First Responders



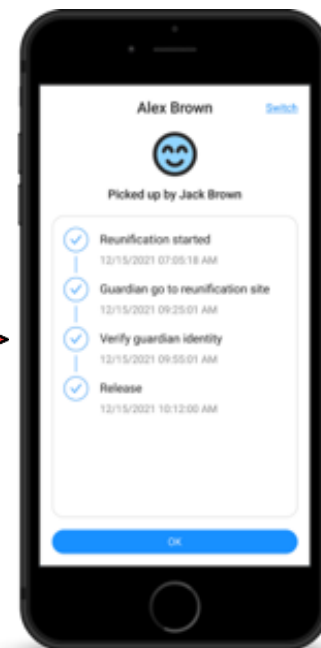
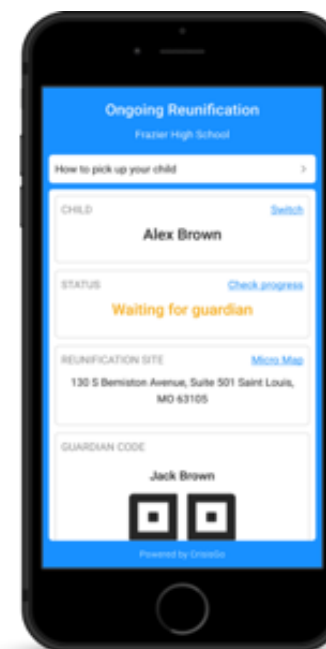
School Admin Monitor Event Progress

- Administrators oversee event progress with real-time data, guide the team or communicate with parents.



Step 5: Reunify Parent & Kids

- After confirmation with the student, the parent signs a digital signature in the app, and then they will be free to leave.



4



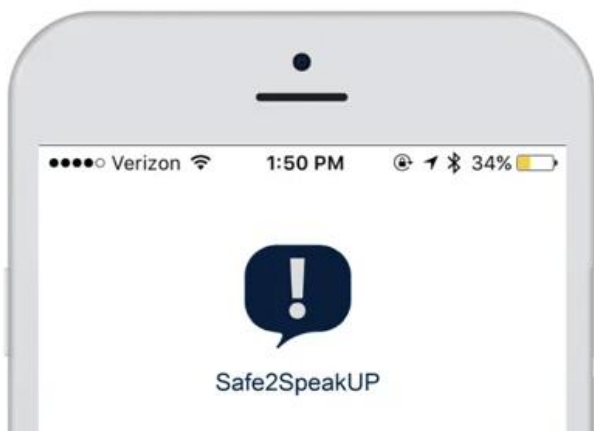
Anonymous Reporting

- Report bullying and bully-related activity.
- Submit safety tips about incidents, threats, and concerning behaviors.
- Disclose those at risk for suicide.
- Report safety issues with multi-media reporting options.



Two-Way Communication

- Communicate with the school safety team during an incident.
- Learn about safety risks and solutions.
- Respond to safety check-in prompts sent by school administrators.
- Activate a digital panic button and drop a GPS pin of their location during emergencies.
- Access safety resources during an emergency event.



CRISIS GO



Video Surveillance + Access Control



Gunshot Detection



Panic Button



Tele Center + PA + Intercom + Strobe



Others



911

911 PSAP

Digital Incident Map



GEQCOMM



Digital Signage



Sensor + Door Lock + Indoor Location



Visitor Management



All SIS (Student Information System) Support



User Management + Single Sign On

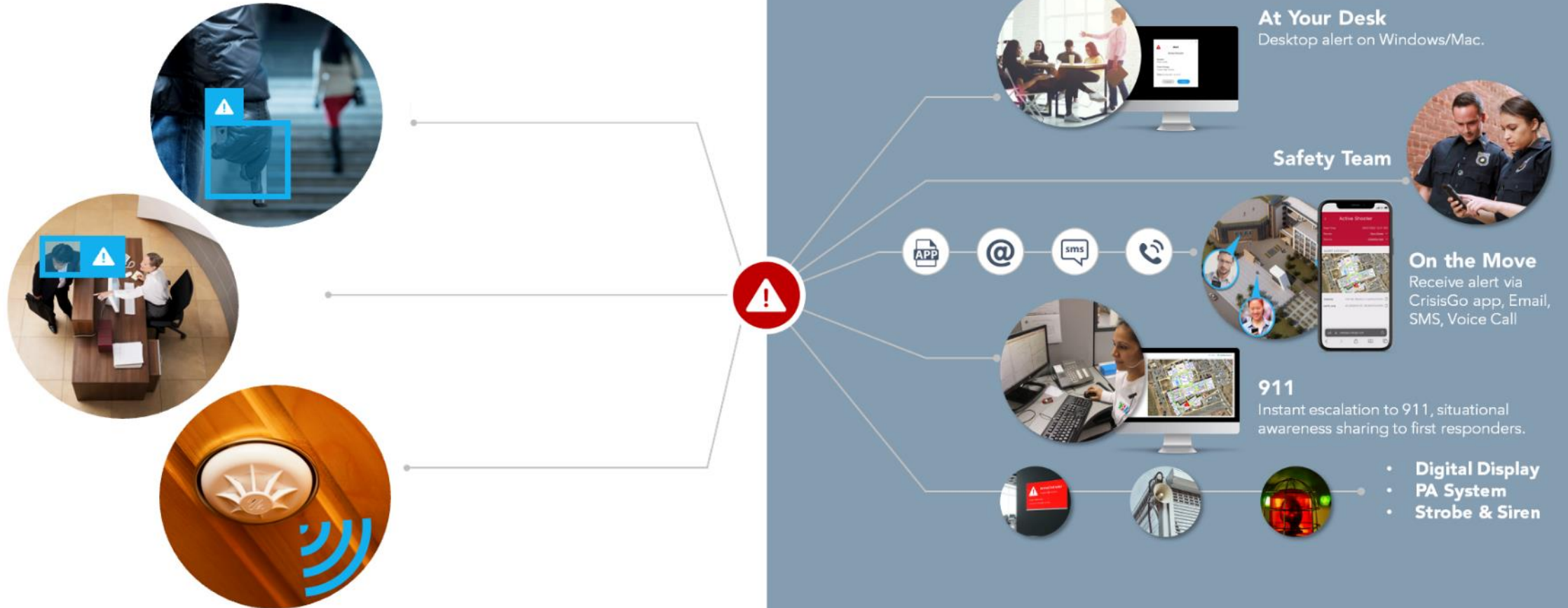


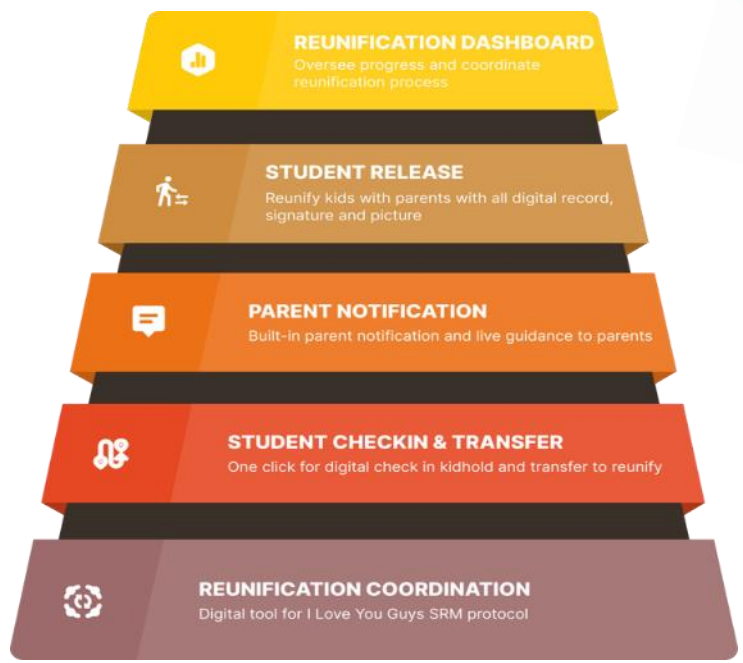
Generic Integration





Leverage CrisisGo's IoT Integrations to Automate & Streamline Activation of Your Emergency Response Plans & Seamlessly Incorporate All Communication End-Points.

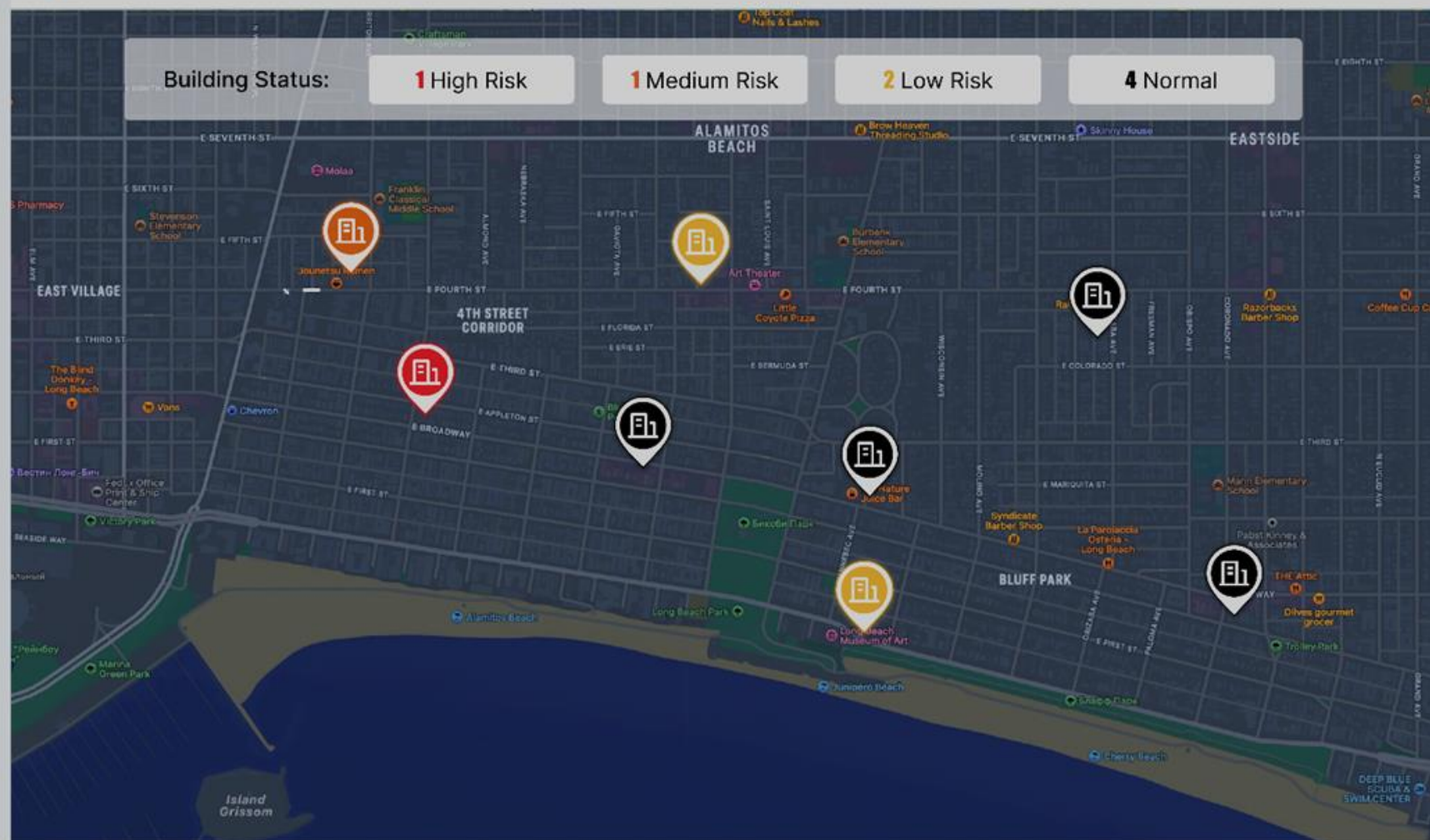




COMPLETE OVERSIGHT OF EVERY FACILITY

Building: 8 Staff: 321 Student: 6518

Map List



1 High Risk **3** Medium Risk **21** Low Risk

Feature: All

Mary Bowen Neen 07/04/2023 10:12 AM

Dalton Belly 07/03/2023 02:33 PM

Barry Johnson 07/02/2023 09:24 AM

Alex Brown 06/30/2023 11:12 AM

ABC School 07/04/2023 11:46 AM

ABC School 07/04/2023 10:16 AM

Alert & Panic Statistics

USE-CASE #1 SCHOOL BUS COMMUNICATION & COMPLIANCE

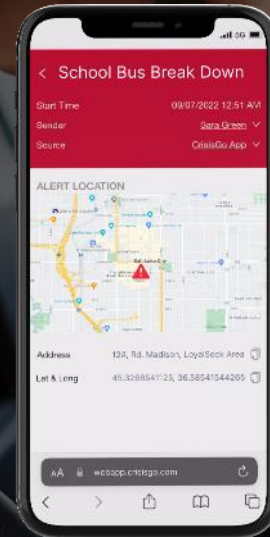


- In Most of the States, Vehicles must be equipped with Communication system for emergencies
- US Department of Transportation FMCSA rule restricts the use of all hand-held mobile devices by drivers of commercial motor vehicles (CMVs). (Using a hand-held mobile phone while driving a CMV can result in driver disqualification. Penalties can be up to \$2,750 for drivers and up to \$11,000 for employers who allow or require drivers to use a hand-held communications device while driving.)

THE SOLUTION: THE VK7

- A simple yet highly functional PTT/CrisisGo only device.
- All the benefits of POC without any of the headaches managing the current generation of rugged smart/feature phone.
- A Perfect Upgrade from LMR.
- Connected to vehicle power.
- Integrated 10W speaker w/optional 20W external speaker.
- Modularity allowing multiple accessories solution.
- Simple "Slide-In" connection.

- Push-To-Talk.
- CrisisGo CGSD with:
 - Advanced SOS button at your fingertip.
 - Paging services.
 - Immediately establishing 911 based upon bus location (for major emergency).
 - Check-ins.
 - Instant communication (group or private).



 **CRISISGO**

CELLULAR-BASED RADIOS & PTT DEVICES

PURPOSE-DRIVEN, RUGGED DEVICES

- One-to-One
- One-to-Many
- Group Talk
- Broadcast
- SOS Button



PERFECT FOR:

- Front Desk
- Custodial Staff
- Transportation
- Landscaping



ALWAYS READY TO GO

PREMIER GO-KIT

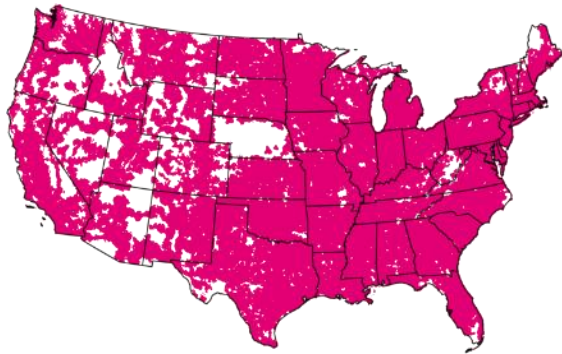
Your Choice of...

- Smart Devices
- Hotspots
- Tablets
- Radios



WE HAVE A CLEAR AND DEMONSTRABLE LEAD IN 5G.

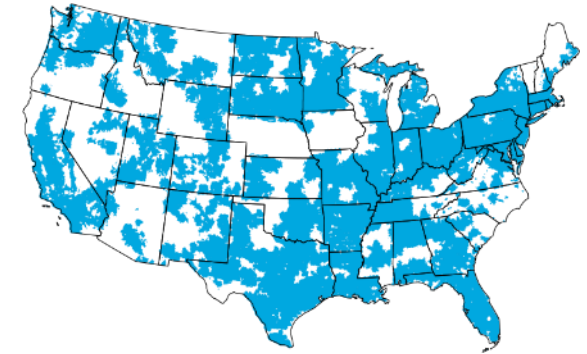
T Mobile



verizon



AT&T



Low-band

Extended Range 5G:
2.0M sq. miles
326M people covered

Mid-band
&
mmWave

Ultra Capacity 5G:
275M people covered

5G Nationwide
0.4M sq. miles
240M people covered

Ultra Wideband:

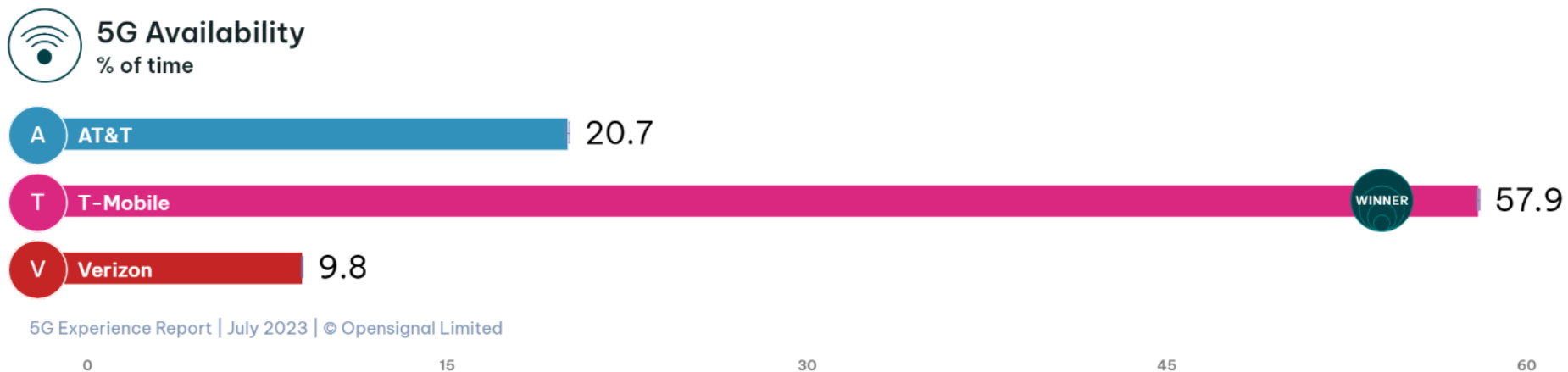
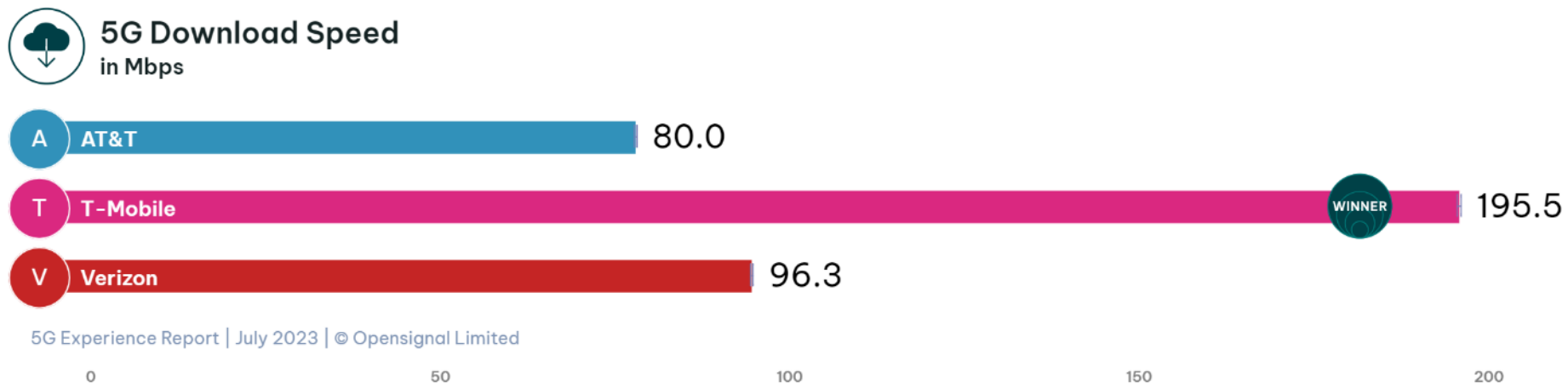
200M people covered

5G Nationwide
1.3M sq. miles
290M people covered

5G Plus:

160M people covered

T-Mobile is America's leader in 5G. See what independent experts are saying.



T-Mobile is America's network leader. See what independent experts are saying.



T-Mobile's network once again earned top rankings for fastest speeds, most consistent, best video, lowest latency, best 5G speed performance and 5G availability.



OPENSIGNAL

T-Mobile dominates the awards table again, with six outright wins out of a possible eight.

T-Mobile strengthens its lead for both speed awards and is the first U.S. carrier to win the new Consistent Quality and Live Video Experience awards.



In its latest 5G Network Performance Audit Report, T-Mobile once again had the overall highest 5G score with the best coverage, stability and speeds.



Ookla: fastest based on median, overall combined speeds according to analysis by Ookla® of Speedtest Intelligence® data download speeds for Q1 2023. Ookla trademarks used under license and reprinted with permission. **Opensignal:** Opensignal US Mobile Network Experience 5G, July 2023 Based on independent analysis of average speeds from mobile measurements recorded during the period March 16 – June 13, 2023, © 2023 Opensignal Limited. **umlaut:** according to an audit report conducted by independent third-party umlaut containing crowdsourced data for user experience including task completion collected from October 24, 2022, to April 9, 2023. Full details at: www.umlaut.com/en/benchmarking/USA.

5G device required for highest speeds

WIRELESS PRIORITY SERVICE (WPS)

In an emergency, the wireless network may become severely congested and reach 100% of capacity. **Priority Access and preemption** help ensure users with WPS still get through.



Priority access

T-Mobile subscribers with WPS get moved to the front of the communication line.

End-to-end prioritization

Using WPS by dialing *272 or the PTS Dialer app ensures end-to-end prioritization, regardless of which carrier is at the other end.

Preemption

If necessary, a customer without WPS will be dropped to make room for one with WPS.

COMMUNICATION CONTINUITY PLANNING

WE'RE HERE TO HELP

- **Have a plan**
 - How do we address coverage challenges?
 - What if we lose internet connectivity?
 - How do we communicate internally?
 - How do we communicate with emergency responders?
- **Test it regularly**
 - Where do we have gaps in coverage?
 - Who else needs to be included?
- **Revise as needed**
 - How do we make it better?
 - How do we make it memorable?

➤ **NEXT STEPS?**

➤ **HOW CAN WE HELP?**



HOW CAN WE HELP YOU?



REACH OUT TO US TODAY!

bit.ly/K12CommunicationPlanningWeb

(281) 667-0404

premierwireless.com

