Introducing Advanced Solutions for Smart Cities.

Agenda Item # 25 &
Date 4/7/24

Industry-specific suites with ready-to-deploy solutions for the public sector simplify the adoption of new technologies in your city, campus, or agency.

Smart Cities are those that receive the most value in their investments to enhance the public good.
Cities are turning to technology and IoT to cost-effectively address needs in areas such as:

- Public safety
- Transit efficiency
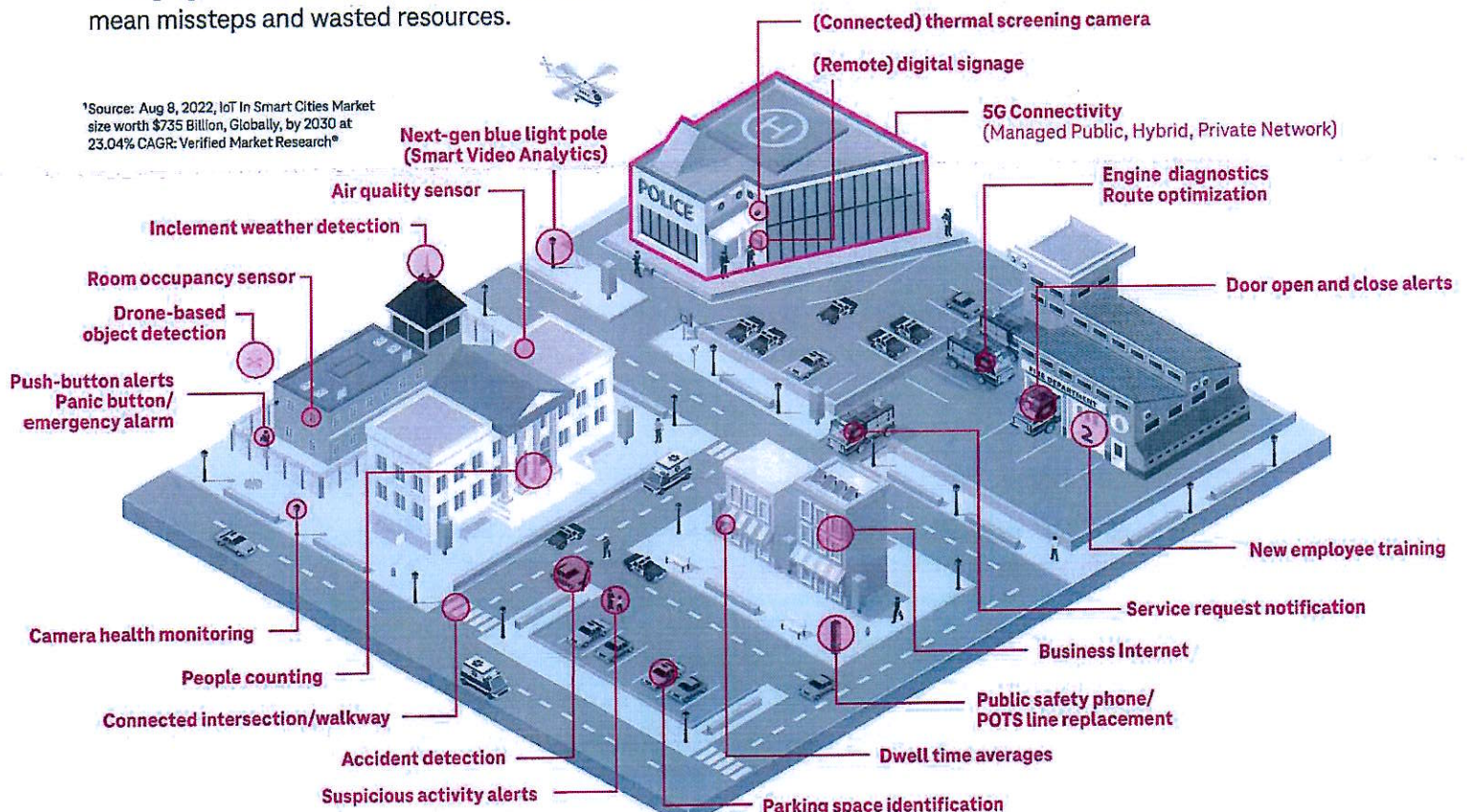- Utility optimization
- Digital equity
- Environmental health

$112B were spent on IoT technology for the public sector in 2021. That's projected to grow to **$735B** by 2030.[1] But leaving agency IT departments to wrangle building, managing, and maintaining connected devices can mean missteps and wasted resources.

T-Mobile is removing the barrier of complexity.
At T-Mobile, we're bringing 5G network solutions that can deliver breakthrough results. But we understand that to unlock real benefits, they need to be tailored to government needs. After all, it's your use cases, like those pictured below, that matter to your organization.

That's why we're bringing these solutions together in Advanced Solutions for Smart Cities. You get proven suites that encompass the hardware, software, and devices needed to deliver smart solutions—all the way from the network core to a connected intersection or walkway on the city street.

[1] Source: Aug 8, 2022, IoT In Smart Cities Market size worth $735 Billion, Globally, by 2030 at 23.04% CAGR: Verified Market Research®

Labels in illustration:
- (Connected) thermal screening camera
- (Remote) digital signage
- 5G Connectivity (Managed Public, Hybrid, Private Network)
- Engine diagnostics Route optimization
- Door open and close alerts
- Next-gen blue light pole (Smart Video Analytics)
- Air quality sensor
- Inclement weather detection
- Room occupancy sensor
- Drone-based object detection
- Push-button alerts Panic button/ emergency alarm
- Camera health monitoring
- People counting
- Connected intersection/walkway
- Accident detection
- Suspicious activity alerts
- Parking space identification
- Dwell time averages
- Public safety phone/ POTS line replacement
- Business Internet
- Service request notification
- New employee training

Solutions to public sector challenges

Our Advanced Solutions can support your organization in many ways. Within each suite, T-Mobile brings network expertise as well as all the software and devices you need to implement a proven, end-to-end solution.

Operational efficiencies solutions
Solutions that help state and local governments manage their vast array of assets in a more cost-effective way.

- Facilities monitoring
- Finding savings
- Better citizen experience

Connectivity management solutions
Providing your agency or campus with a variety of connectivity solutions.

- Fixed connectivity
- Computer vision
- POTS replacement

Sustainability solutions
We provide tools that help Smart Cities become more eco-friendly, from water and energy usage monitoring to lowering fleet fuel spending and pollution output through telematics.

- Increases your green footprint
- EV assessment
- Fleet management

Safety and security solutions
The main attraction of any automated system using the Internet of Things (IoT) is to reduce human labor, effort, time, and errors due to human negligence. Managing the security of people in a public space is critical in Smart Cities.

- Public spaces indoor environment monitoring/CO_2
- Wearable IoT devices/alert systems
- POTS replacement systems
- Smart Video Analytics

Contact me to schedule a discovery meeting and determine how Advanced Industries Solutions can work for your city.

For more information on solutions to enable Smart Cities, please visit
T-Mobile.com/business/resources/articles/smart-city-5g-network-solutions

Priority access and preemption
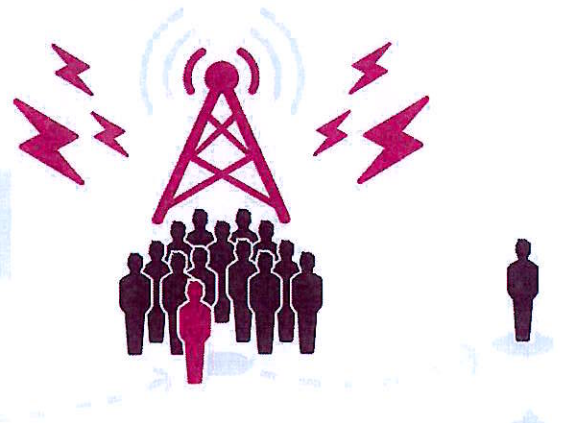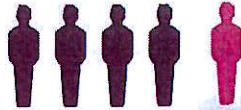## First responders deserve more

The T-Mobile® for Government Connecting Heroes® program provides WPS-enrolled first responder agencies with the **priority access** and **preemption** they may need during emergency situations.

How it works:
In an emergency, the network may become severely congested and 100% occupied. To ensure that first responders with WPS can access our network, we move them to the front of the line, and we drop a non-first responder customer without WPS off the network to make room for the first responder.

Priority access
First responder with WPS gets moved to the front of the communication line.

Preemption
A non-first responder without WPS is dropped off the network to make room for the first responder with WPS.

T-Mobile.com/ConnectingHeroes

Wireless Priority Service (WPS) requires approval from Cybersecurity Infrastructure and Security Administration (CISA), an agency within the Department of Homeland Security. T-Mobile can help enroll your first responder agency through a mass activation process. We want to make enrollment as easy as possible. For details on the program: https://www.cisa.gov/wireless-priority-service-wps. 911 calls will be exempt from preemption during congestion. Completion of calls not guaranteed. WPS functionality (including priority access and preemption) may not be available while roaming.

Customizing Your CPR³ Device

» The CPR³ solution is custom-built to provide access to many different resources.

» Students & families simply tap the icon and get your list of available resources.

🍴 Food
» Local food banks
» Local churches
» SNAP (food stamps)
» WIC

🏠 Housing
» Local shelters
» Motel vouchers
» Housing assistance
» Utility bill assistance

➕ Health
» Telehealth
» Mental Health
» Local Clinics
» Prescription Help
» Medicaid/CHIP

Icons can be an individual app, a link to a webpage or a folder containing multiple apps a