

Cradlepoint Solutions for Smart Cities

Creating Operational Efficiencies for Public Sector IT

The Challenge:

Cities across the globe are adopting Internet of Things (IoT) technologies and big data to save taxpayer money, respond quickly to challenges and emergencies, and improve quality of life. An IoT network comprises hundreds or even thousands of connected devices like utility sensors, GPS systems, parking meters, IP cameras, drones, and more. Further, many cities' employees do their best work beyond the walls of City Hall, but they need easy access to files and applications at their city's data center. Given all of this, legacy network solutions simply aren't up to the task of connecting, securing, and managing a Smart City.

The Solution:

Cradlepoint's solutions are engineered specifically for organizations that need a simple, cost-effective way to build a network that securely connects people, places, and things — and can be managed from a remote, central location.

- Purpose-built, multi-WAN routers extend the network wherever the city's work happens — on streets and roadways, at parks and events, in satellite offices, and in public safety vehicles.
- Cloud management via Cradlepoint's NetCloud Service enables zero-touch deployment and remote management of multi-WAN primary routers, in-vehicle routers, IoT gateways, and devices connecting to the network.
- NetCloud Perimeter, Cradlepoint's Software-Defined Perimeter service, provides secure access between specific users, devices, and applications without the complexity and time investment associated with access control lists; gain visibility and control over devices that reside behind routers and gateways.



Cities have just scratched the surface in using data to improve operations.”

Wall Street Journal

Cradlepoint Advantages

Simplify Network Architecture

Easily manage network access and permissions via the cloud and create Virtual Cloud Networks (VCN) in minutes — with less hardware and complexity than ever before.

Save Time & Money

Enjoy zero-touch network deployment and the ability to manage the network and its IoT devices from a remote central location. This includes remote troubleshooting, which saves time, cuts service costs, and makes truck rolls a thing of the past.

Anywhere, Anytime Access

Provide employees access to critical files and applications without the need to log on to the VPN repeatedly.

Platforms Built for Public Sector Agility

Public sector IT teams are being asked to do more with less, while ensuring the highest levels of network security and performance. With Cradlepoint, cities can capitalize on the benefits of IoT without expending massive amounts of time and money deploying, connecting, securing, and managing the network.

City of San Antonio Future-Proofs Traffic Management

The City of San Antonio, Texas, has a population of more than 1.4 million people. Rapid growth required the city to seek smart, efficient expansion of its infrastructure and services. With its population rapidly expanding and its traffic management system needing much better reliability and flexibility, the city turned to LTE connectivity through Cradlepoint solutions with Cradlepoint NetCloud Service, the network management service.

Now, the constant connectivity and cloud management have opened up a wide variety of possible Smart City LTE applications for the City of San Antonio, including syncing KITS software with Computer-Aided Dispatch (CAD) to provide more granular data about traffic expectations for public safety.



“It has changed our mindset to the point that we are beginning to come up with new ways to utilize the system to make our jobs easier, and to make the ride better for the traveling public.”

Marc Jacobson,
Manager, Traffic Management, City of San Antonio

[Learn more at cradlepoint.com](https://www.cradlepoint.com)