

Smart City, Brilliant Future

Transform your city into a green, efficient and engaged community.

Smart cities use data from Internet of Things (IoT) sensors and devices to develop insight that informs city planning and improves the lives of residents. It's technology that promises a brighter tomorrow by giving you the power to make changes that save money and resources.

In a smart city, you can connect intelligent water meters to detect leaks and avoid waste, install streetlights that save energy while they increase visibility, or use sensors to help citizens park hassle-free. The opportunities are endless, and your network likely won't need to be upgraded to get started.

A smart city project starts with understanding the needs and priorities of your community. Our local technology experts will work with you to provide guidance on how we can collaborate to improve the lives of your residents. We're here to show you how your city can become more efficient.

Smart cities deliver results:

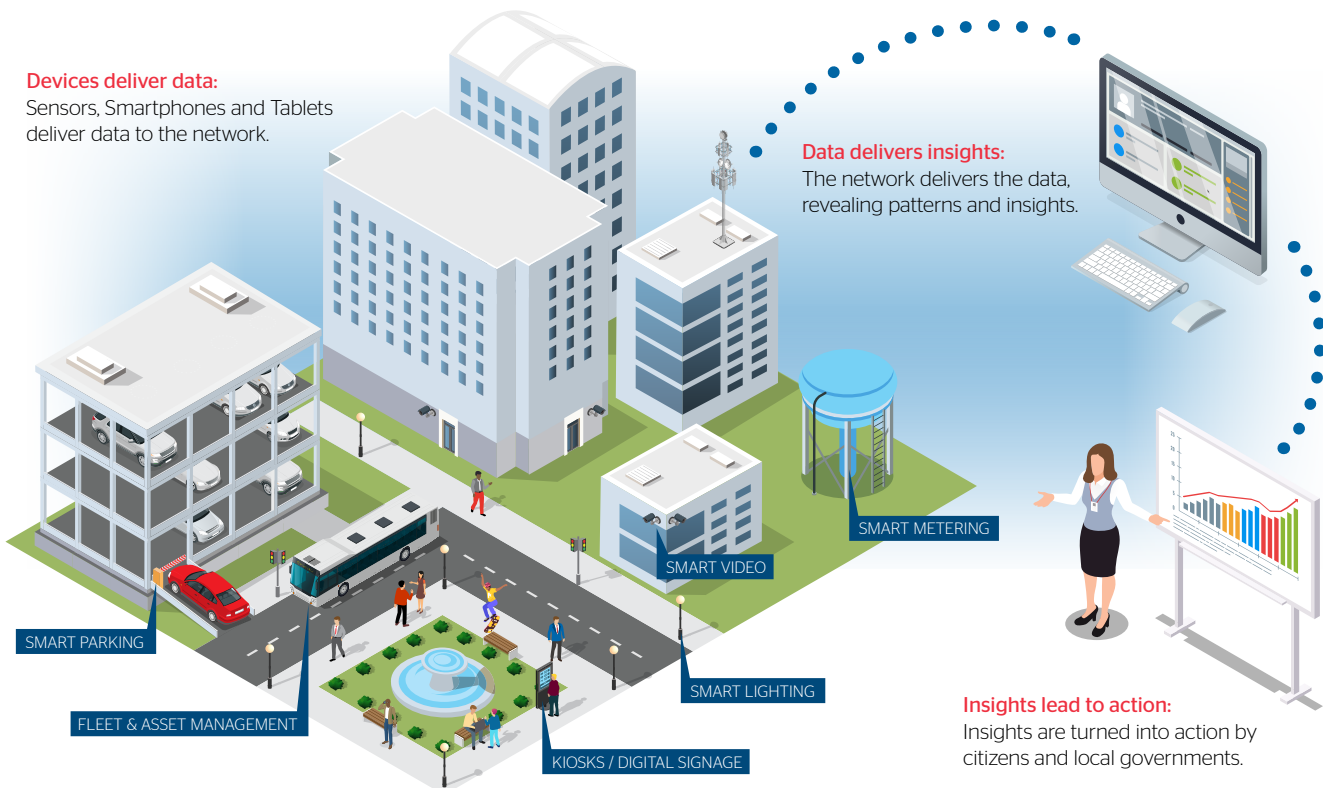
30-40% fewer crimes¹

6-21 gallons of water saved per person per day²

50-70% energy savings from smart LED street lighting³

100% more residents feel connected to community⁴

Network connectivity powers transformation.



Build a sustainable, connected community with fiscal advantages.

New smart city solutions are being created every day. Solutions that will ultimately help you reduce costs, generate revenue and achieve environmental goals for your town, while also benefiting your citizens. And smart cities are scalable, so as new solutions like the ones below become available, you'll be able to add them to your solution set.



Smart lighting: Help reduce energy costs and help citizens feel safer.

Upgrade to energy-efficient LED lights with smart controls. Lighting becomes responsive to the surrounding conditions, and motion sensors can dim lights when no one is around or brighten them when pedestrians are detected – delivering data on foot traffic while they help keep everyone safer.



Smart metering: Save resources and improve utility service.

Instantly detect irregularities in water quality and flow so they can be corrected before becoming major problems. A smart metering infrastructure lets you monitor utilities in real time to reduce waste from undetected leaks, and it allows residents to lower their bills by delivering personalized usage data.



Smart video: Improve planning while you aid crime prevention.

Redirect the feed from existing cameras to a smart analytics solution, and get alerts when a suspicious package or activity is detected. Or deploy cameras with built-in analytics that count pedestrians or vehicles to inform planning – without digging to install underground sensors.



Fleet & asset management: Reduce expenses and help keep roads safer.

Get instant alerts for unsafe driving habits, and curb distracted driving by setting cellphone features to turn off when vehicles are in motion. Reduce unplanned expenses with alerts that tell you when it's time for preventive maintenance, and get real-time visibility into the location and status of critical assets.



Smart parking: Maximize revenue and minimize carbon emissions.

Cut the time it takes to find a parking spot, and you can also reduce exhaust. Cameras or sensors identify open spots and then communicate to user apps. Smart parking integrates with municipal systems to enforce parking violations, and it delivers data that can be used to develop variable fee structures.



Kiosks / digital signage: Promote revenue generation and engage residents.

Put the timely information your residents need exactly when and where they need to see it. U.S. Cellular® connectivity can power signage that delivers transit schedules, wayfinding and event information. Or create digital billboard space that generates revenue via local business advertising.

1. Boland, Brodie, et al. "Smart Cities: Digital Solutions for a More Livable Future." McKinsey & Company, 2018. <https://www.mckinsey.com/-/media/McKinsey/Industries/Capital%20Projects%20and%20Infrastructure/Our%20Insights/Smart%20Cities%20Digital%20solutions%20for%20a%20more%20livable%20future/MGI-Smart-Cities-Full-Report.tashx>

2. Ibid.

3. Prime, Hannah. "Cities Can Save up to 50-70% on Energy by Upgrading to Smart, Connected LED Street Lights." The Climate Group, 2018. <https://www.theclimategroup.org/news/cities-can-save-50-70-energy-upgrading-smart-connected-led-street-lights>

4. Boland.



For more information on smart city solutions powered by the U.S. Cellular network, contact your local U.S. Cellular representative, call **866-616-5587** or visit [uscellular.com/business](https://www.uscellular.com/business)