

# New technologies for smarter communities

With the emergence of the Internet of Things and upcoming deployments of 5G, Smart Community technologies are beginning to take off—offering many exciting opportunities for cities and technology companies alike. Our consultative expertise and foundational infrastructure—including towers, small cell solutions, rooftop antennas, and fiber—put us in a unique position to help deploy these and other technologies faster and more strategically.



## Public transportation

Passengers can get access to real-time info about routes, bus locations, and ETA.



## Wearables

Whether tracking your steps, your heart rate, or other vitals, wearable devices are changing the way we interact with technology.



## Environmental sensors

Special wireless sensors can measure air quality, noise, and other environmental conditions.



## Traffic lights and controls

Sensors detect current traffic, weather, and pedestrians—adjusting as needed to keep things moving efficiently.



## Autonomous cars

With the help of GPS, cameras, radar, lidar, and advanced communication technologies, they're making road travel safer, less congested, and more energy efficient.



## Video analytics and surveillance

Live video feeds are used to assess current situations and act as a crime deterrent.



## Streetlights

Smart sensors adjust lighting based on conditions and pedestrian proximity—dramatically reducing energy costs while keeping streets safe.



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