



smart kiosks

Smart kiosks have begun appearing on sidewalks in major cities throughout the country. Far more than interactive screens, these freestanding stations offer helpful information, internet access, device charging, and access to emergency services. While still in the early phases, these kiosks are helping to revitalize downtown areas and are certain to play a foundational role as more smart street infrastructure is deployed.

At a glance

15 days
the time per
year smart
cities could
save each
person¹

\$160B
projected
savings
from 5G and
smart city
applications²

90%
of US
population
expected to
live in urban
areas by
2050³

More than meets the eye.

Smart kiosks benefit more than the people who directly interact with them. Due to their location in high-traffic areas, smart kiosks are an ideal place to house environmental sensors, internet of things transmitters, small cells, and other exciting technologies—all powered by high-speed fiber.

SMALL CELLS

Due to their central location and fast network connections, smart kiosks are an ideal place to host the small cells that dramatically boost the coverage and capacity of wireless networks in the area.

INTERNET OF THINGS (IOT)

By housing special environmental sensors and IoT transmitters, kiosks can help make cities smarter, safer, and more efficient.

5G AND CBRS

The small cells that can be discreetly housed in smart kiosks play an important role in providing the next generation of wireless technology like 5G and private LTE networks.

INTERACTIVE SCREENS

Smart maps, wayfinding apps, and other public services make neighborhoods safer and more accessible.

1. Juniper Research, “Smart Cities: What’s In It for Citizens?”, 2018
2. Accenture, “How 5G Can Help Municipalities Become Vibrant Smart Cities”, 2017
3. University of Michigan, “U.S. Cities Fact Sheet,” 2018