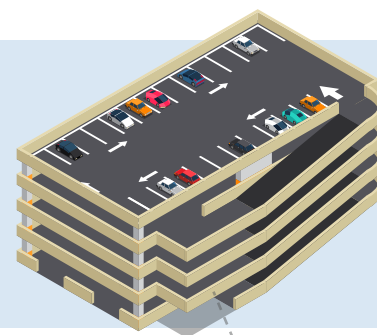# INTELLIGENT PARKING SOLUTIONS WITH CRADLEPOINT

Connectivity for Smart Parking Applications

Those managing parking areas need solutions that enable them to maximize the efficiency of operations regardless of whether they manage on-street parking spaces or condensed multi-level car parks. With increasing frequency, they are in search of ways to automate gate controls, expedite payment transactions, improve visitor experiences, and enhance on-site safety. Today, with robust 5G router and antenna kits, they are finding ways to do all of that and so much more.

Business Needs | Securely and Reliably Connecting IoT Devices

When planning and budgeting for parking areas, developers are finding that entrenching fiber optic cables is as costly as it is unnecessary. As more an more devices go wireless it becomes less and less necessary to run dozens to hundreds of hardline connections. IT managers need solutions that enable them to remotely connect with and to wireless video cameras, wireless POS systems, automated lift gate controls, embedded parking sensors, and more to build the most efficient systems for managing parking structures. They need the most reliable and cost effective connectivity solutions possible to achieve these goals.

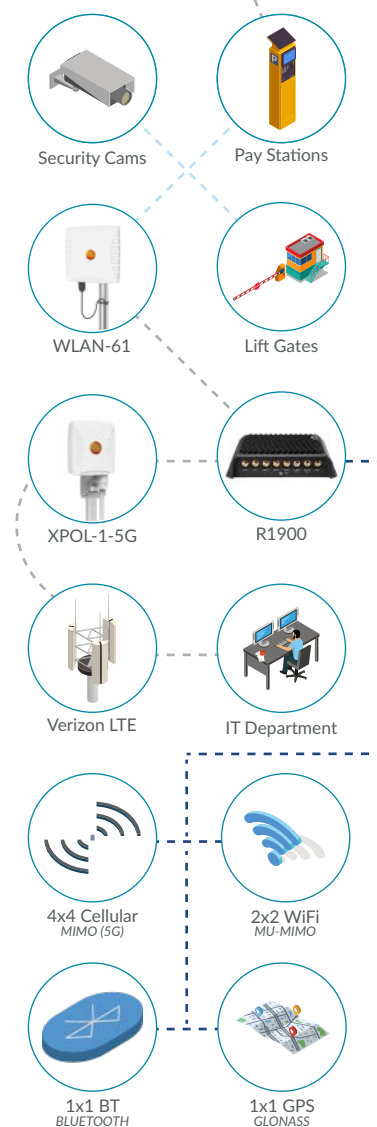## Solution Overview | Cradlepoint Routers and Poynting Antennas

Cradlepoint 5G routers and powerful Poynting antennas expertly configured and installed by USAT allow IT teams to effectively and remotely manage parking structures from behind a single pane of glass. They gain the ability to easily connect with wireless parking sensors that count vehicles and detect open parking spaces to quickly direct visitors to the nearest available spots while also letting them know if the lot is full before they even pull in. They can also reliably connect with wireless video recording devices like those from Avigilon and monitor and control point of sale systems as well as automated lift gates.

Benefits Observed | Increased Efficiency, Security, and Satisfaction

When drivers can enter parking structures easily, locate a space quickly, pay with a smart phone remotely, and leave near effortlessly, they are more likely to enjoy and repeatedly visit your location. Overall, the safer they feel while in your facility and the more seamless their experience, the more revenue a parking structure can accumulate. This also applies to the areas that the parking lots serve- whether they be retail shopping malls, airports, or nearby government buildings, restaurants, and other attractions.

Our Team | Device Provisioning, Activation and Installation Services

For over 25 years the team at USAT has provided expert IoT connectivity solutions to parking and traffic management agencies. Our organization provides top-tier support for every aspect of mission-critical fixed and mobile connectivity projects. The solutions engineers we employ configure, provision, kit and ship your devices hot and ready for immediate use. And when you utilize our installation services, our techs ensure your devices are functioning securely, reliably, and at peak performance on ultra-fast network carriers like Verizon.

Router:	Software:	Cellular Antenna:	WiFi / BT Antenna:	Network:
R1900	**NetCloud**	**XPOL-1-5G**	**WLAN-61**	**Verizon**

Security Cams

Pay Stations

WLAN-61

Lift Gates

XPOL-1-5G

R1900

Verizon LTE

IT Department

4x4 Cellular
MIMO (5G)

2x2 WiFi
MU-MIMO

1x1 BT
BLUETOOTH

1x1 GPS
GLONASS

CONTACT US TO ENGINEER YOUR CONNECTIVITY SOLUTION TODAY