



ROBOTIC INNOVATION & MOBILITY HUB

THE KEY TO INTEGRATED SMART CITY DESIGN

Dramatic changes in our urban transportation ecosystem have prompted a shift in how we view parking assets. As always, these assets will be the key to the efficient ebb and flow of our next-generation mobility and need to be designed with the Smart City in mind.

THE ULTIMATE SMART CITY VISION

It has long been said that “Failing to plan is planning to fail.” Nowhere might this be truer than our ever-expanding urban centers. While transportation-related technology has made disruptive changes in the way people are mobile, many of our cities are playing catch up.



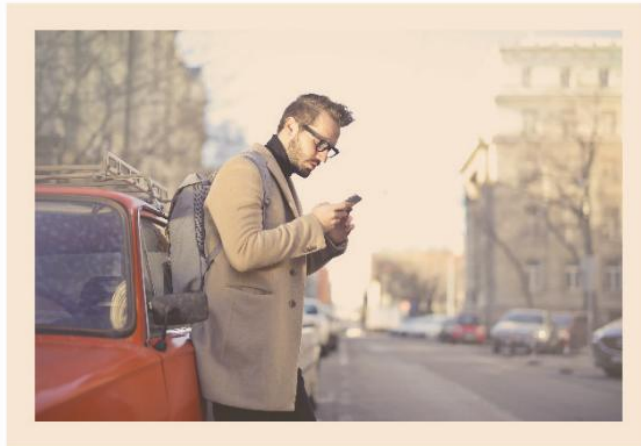
By 2030, we can predict an increase in passenger miles traveled, a drop in mass transit commutes, and more traffic congestion if cities do not leverage the latest technology as a part of their transportation and urban mobility strategies. Bringing this vision to actuality is what will set leading Smart Cities apart from those cities that are simply not evolving.

If properly planned for, commuters will opt for greener public transportation options, locals, and tourists will zip through designated lanes on shared micro-mobility scooters and bikes. Additionally, there will be an increase in ride-sourcing, car sharing, and other forms of transportation. All of this will be seamlessly coordinated and enabled through personal smart devices.

THE C.A.S.E. STRATEGY FOR SMART CITIES

In this ultimate Smart City vision, urban mobility will be center stage with sustainability at its core. The key to bringing this all together will be the strategy to transform the “parking garage” into a multi-purpose hub that incorporates the principles of the C.A.S.E. strategy as defined by Mercedes-Benz.

Robotic Parking has incorporated this strategy as a driving design factor in its Robotic Parking Innovation & Mobility Hubs.



With our fully automated parking system and its Cimplicity software, we are connected and can share as much or as little as needed by design.

Since 2018, our partnership with BOSCH facilitates the parking of autonomous cars in all of our robotic parking hubs.

Car sharing, fleets, and other services can be accommodated in our robotic parking hubs as the network and communication infrastructure is in place and proven.

Our Robotic Parking EV Charging Station® is available for Level 2 charging at all of our robotic parking hubs. Simply plug your cable into our standard vehicle entry/exit platform upon exiting your vehicle.

THE URBAN PARKING FACILITY REINVENTED

Right or wrongly, parking and its availability, or lack thereof, is a defining factor in the urban landscape. In fact, a downtown or commercial area fails or succeeds based on the parking it has or doesn't. The solution is not simply more or better parking. But rather parking that creates a seamless transportation and logistics system- a system with increased accessibility and resources for its direct users as well as the growing ecosystem of multi-modal transportation consumers. Robotic Parking Systems has been on the forefront of creating a new "parkadigm" since 1994 with its patented robotic parking technology.



The first phase of this was to create a more efficient, safe, and effective parking solution, handling more cars quickly on a smaller urban footprint. As technology and diverse number of transportation options have appeared over the last 25 years, Robotic Parking Systems has grown and expanded its offerings. This new strategy embraces the concept of mobility as a service and transforming parking structures into the hub of an integrated Smart City approach.

FEATURES OF ROBOTIC PARKING INNOVATION & MOBILITY HUB

- WiFi Centers / Mobile Charging Stations
- Personal Lockers / Safe Storage
- First Aid Stations / AED
- Electrical Vehicle Charging / Servicing
- Food & Snack Bars
- Currency Exchanges
- Scooter / Bike Rental
- Guidance / Wayfinding
- Real Time Information Kiosks
- Connectivity to Public Transit



Robotic Parking Systems, Inc.
Always Ahead.™

INDUSTRY LEADER

- First to build and utilize simultaneously operating robots for parking – three axis independent motions.
- Certified highest peak traffic throughput (cars/hour) in the industry.
- Played a key role in developing a) NFPA 88A fire safety codes for automated parking and b) UAE Civil Defense codes to guide future robotic parking garages in that region.
- Built the first automated parking systems in the US and the Middle East.
- Guinness World Record holder for the Largest Automated Parking Facility – not just once but twice.
- Leader in the integration of emerging transportation technologies including a partnership with BOSCH for autonomous driving vehicles.



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