



**P1 / WORLD'S LARGEST
AUTOMATED PARKING**

Automated parking facility designed and manufactured by Robotic Parking Systems earns recognition as largest in the world.



**P2 / RELIABILITY AND FAIL-
SAFES**

No single failure will ever result in the Robotic Parking System being inoperable.



**P3 / IBN BATTUTA GATE
FLAWLESS OPERATIONS**

Senior Property Manager gives assessment of more than 3 years service and operations.



**P4 / GREEN PARKING
SOLUTIONS**

Robotic Parking Systems offer advantages over conventional garages.

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It's official – the Emirates Financial Towers (EFT) has been awarded the *Guinness World Record* for the Largest Automated Parking Facility.

Robotic Parking Systems Inc. was contracted for the design and build of this 1,200 space automated car park that was inserted between the concrete structure of the two towers (see photo below.)

All of the machinery for EFT was manufactured at our 100,000+ sq ft. factory in Clearwater, FL. Once the machines' automation components

were programmed, the machinery was vigorously tested before being shipped to Dubai for installation.

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“ Robotic Parking Systems Inc designed and manufactured the ‘largest automated parking facility’ in the world as verified by Guinness World Records. ”

WORLD'S LARGEST AUTOMATED PARKING FACILITY

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The RPS 1000 product used for the facility was designed to fit into a footprint of 320 ft x 120 ft. Nine levels of parking are available in a height of 72 ft. The garage includes 9 Entry / Exit Terminals for maximum throughput.

The Robotic Parking System technology is patented in the US, China, India, Russia and other countries. Additional patents are pending in the UAE and numerous countries throughout the world.



“ Robotic Parking Systems’ CEO helped to define new NFPA 88A and UAE Civil Defense fire protection codes and standards. ”

Based on the company's experience and discussions with UAE Civil Defense, a new Civil Defense Code for robotic parking was developed and serves as a guideline for future projects in the region. This new Civil Defense Code acknowledges and takes into consideration the work achieved by the Technical Committee of the National Fire Protection Association

(NFPA 88A). Robotic Parking System's CEO is a member of NFPA's Committee for Garages and Parking Structures.



RELIABILITY AND FAIL-SAFES

The Robotic Parking System was designed from the beginning so that all major components include multiple backups and fail-safes to ensure uninterrupted operations. **NO SINGLE FAILURE WILL EVER RESULT IN THE SYSTEM BEING INOPERABLE.**

- Since individual robotic machines are used for parking and retrieval, the Robotic Parking System is not dependent on a single retrieval mechanism.
- Maintenance can be performed on individual machines without interrupting the operation of the garage.
- Automation is powered by GE's Cimplicity® software used worldwide by companies such as GM, Ford and numerous seaports for high volume storage and retrieval.
- Machine redundancy is complemented by other fail-safes such as redundant computer servers, uninterruptible power supply (UPS) and back-up power generator to ensure continual operation.

The Ibn Battuta Gate facility is a 765 space automatic parking facility that opened in August of 2009. Reliability statistics show 99.958 % uptime.

IBN BATTUTA GATE FLAWLESS OPERATIONS



What does the property management company think?



Asteco has operated as the property management company for Ibn Battuta Gate for many years. If anyone knows the operational details of the property, they do. And, they appreciate our reliability statistic of 99.958% uptime (for the period August 2009 through April 2013.)

Anne Marie Shein, Senior Property Manager Ibn Battuta Gate, stated, "Since the automated car park opened three and a half years ago, you and your staff have provided excellent operations service and ensured that the automated car park is well-maintained and running flawlessly."

Ahmet Oktay Cini, CEO of Asteco Development Management, described the system as "a premium valet parking using state of the art technology." He added: "It means your car is safe from break-ins and accidents, or the dents and scratches that are usually the risk of parking in large car parks."

Asteco managing director Andrew Chambers Jones commented, "... parking or retrieval can be completed in less than 160 seconds. It is safe and secure and obviously doesn't expose expensive paint work to the abrasive elements during lengthy office hours."

ON THE WEB

PARK IT HERE BLOG

The Park It Here blog explores ways that Robotic Parking Systems technology might assist city planners, architects, civic groups, developers, environmentalists and other innovative thinkers seeking to enrich our cities. [Learn more.](#)

FACEBOOK

[Find us on Facebook.](#) You'll have access to photos, videos and up-to-date news on Robotic Parking Systems.



YOUTUBE

Our [YouTube channel](#) contains numerous videos of the Robotic Parking System.

TWITTER

Robotic Parking Systems create more space for design and development. [Follow us on Twitter.](#)

ROBOTICPARKING.COM

Our web site, roboticparking.com, contains pages and pages of product, technical information, tools, photos, videos, brochures and more.

GREEN PARKING SOLUTIONS

ADVANTAGES OF AUTOMATED

Robotic Parking Systems offer advantages over conventional parking garages.

Robotic Parking Systems offer several "green parking" advantages over conventional garages.

One advantage of a Robotic Parking System is the conservation of space. Since drivers do not walk within the structure, the clearance only needs to accommodate vehicles. The densely stacked automated solution allows the system to park up to 5X the number of cars in the same footprint as a standard concrete garage. The amount of land used affects sustainability issues such as development density and maximizing open space.

Another "green" advantage is that by using electromechanical machinery to



move cars into parking spaces, the system reduces pollution inside a garage. No cars run inside. This significantly reduces emissions of harmful gases, toxic brake and tire dust, carbon footprint, and increases carbon credits to ensure an environmentally clean parking facility.

Personal vehicles are inevitable despite ride-share, public transportation, etc. A Robotic Parking System is a step toward greater efficiency and green parking.

PARKING FACTS:

Did you know that on average a car is only moving about 3-4 % of the time? 80% of the time a car is usually parked at home, and the other 16% of the time it's parked elsewhere according to a 2012 study from the Royal Automobile Club in the UK.



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