



P1 / VERIFIED HIGHEST THROUGHPUT CAPACITY

TÜV Nord certified peak traffic throughput capacity and single retrieval time.



P2 / TRAFFIC FLOW AND LIVE TRAFFIC CONDITIONS

System obtains feedback from external traffic sensors and adjusts to ensure lowest wait time for parking.



P3 / INTEGRATION WITH EMERGING TECHNOLOGIES

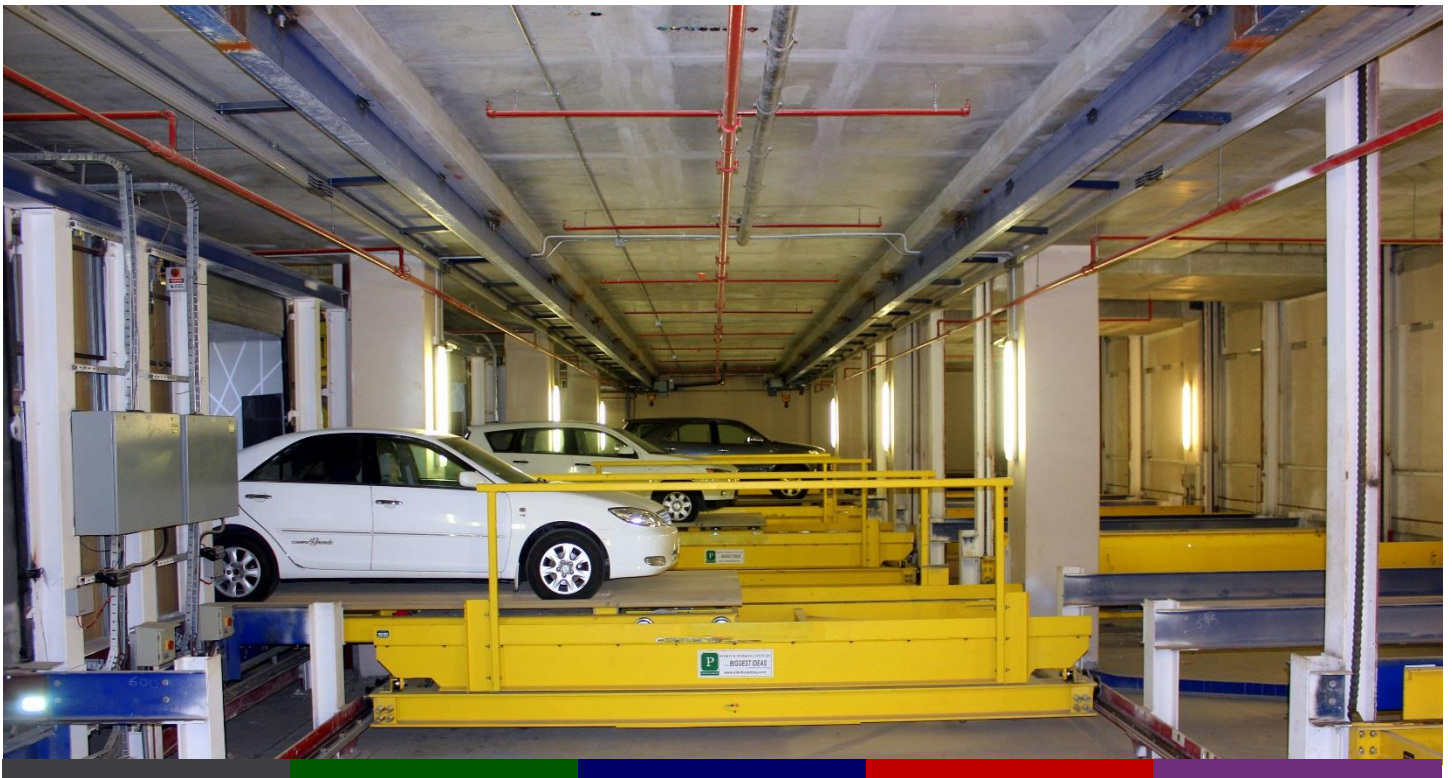
A garage offering features that accommodate emerging technologies will be a facility there to stay!



P4 / REFERENCE — M. A. AL-KHARAFI & SONS

“... express my gratitude and appreciation for the high-quality service being provided to us ...”

parksmart™



Robotic Parking Systems has successfully completed throughput testing of its recently completed 2,350 capacity Al Jahra Court Automatic Parking System in Kuwait. TÜV Nord certified a peak traffic throughput capacity of 425 cars per hour. Throughput capacity is the total number of cars per hour that can be handled in a combination of inbound and outbound vehicle traffic.

Additionally, the average retrieval time for a single vehicle was verified as 177 seconds.

“The peak traffic throughput

“ The peak traffic throughput measurement is much more critical in the day to day operations of an automated garage than a single vehicle retrieval time. ”

measurement is much more critical in the day to day operations of an automated garage than a single vehicle retrieval time. No other

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ROBOTIC PARKING SYSTEM VERIFIED AS HIGHEST THROUGHPUT CAPACITY IN THE AUTOMATIC PARKING INDUSTRY

>> CONT. FROM PAGE ONE

manufacturer in the automatic parking industry has this level of performance verification by an independent third party. We met and exceeded the contractual performance requirements of 400 cars per hour throughput and single retrieval time of 220 seconds,” said Royce Monteverdi, CEO of Robotic Parking Systems Inc.

With this record, Robotic Parking Systems has positioned itself not only as the largest automatic parking facility in the world but also as the manufacturer with the highest peak traffic capacity worldwide. The Al Jahra Court facility surpasses the Emirates Financial Tower garage in Dubai (designed and manufactured by Robotic Parking Systems) that achieved the Guinness World Record as the largest automatic garage with 1,200 parking spaces in 2011.

Juergen Bauer, Chairman of Robotic Parking Systems Inc., emphasized “Robotic Parking Systems has demonstrated the viability of its patented lift-and-run system over and over again. Today, with more than 5,000 units built, the company is the strongest market participant in the Western Hemisphere and perfectly positioned for the North American market. With its latest adaptation to emerging technologies – CASE: Connectivity, Autonomous Driving,



Sharing and Services and Electrification – Robotic Parking Systems is well aligned with Smart City applications.”

http://www.roboticparking.com/news/press_room/TUV-Performance-Certification-2017.pdf



تي بى في سيستمز ايجم
TUV MIDDLE EAST W.L.L.

Report No. RPSKURP/280817/01GV
Work Order No. WQ-02-KWT-03038
Inspection Date 23RD AUGUST 2017
Place of Inspection AL JAHARA COURT COMPLEX

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INSPECTION REPORT

Name and Address of the Owner	Robotic Parking Systems Inc. Al Jahra Court Complex Basement, P.O.Box 24403, Safat 13075 Al Jahra, State of Kuwait
Type of Inspection	WITNESSING OF THROUGHPUT (VISUAL AND FUNCTIONAL INSPECTION)
Location	AL JAHARA COURT COMPLEX
Equipment	Robotic Parking System
Name of Manufacturer	Robotic parking system inc
Average retrieval time for single vehicle	137 Seconds
Throughput capacity	428 cars/hour (in bound and out bound traffic).

Note: Witnessing carried out with empty car pallets only

Inspection Carried Out:
The witnessing of through put Visual inspection and functional test has been carried out on the above Robotic system and it is safe to operate for its intended use within the design limits specified, provided there is continuous maintenance applied.

Inspection Results:
The above Robotic system has been visually inspected and functionally tested, found satisfactory at the time of inspection.
The report become invalid if any alteration made to the above mentioned system.



The document is issued as per TUV Middle East procedures in accordance with the requirements

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TRAFFIC FLOW AND LIVE TRAFFIC CONDITIONS

The Robotic Parking System controls the Entry / Exit Terminals according to live traffic conditions outside the garage. The system obtains feedback from installed external traffic sensors and automatically adjusts to ensure the lowest wait time for parking.

For safety and to improve the flow of traffic, cars always enter and exit from the facility by driving forward.

The garage for the future must be smart!

INTEGRATION WITH EMERGING TECHNOLOGIES IN TRANSPORTATION



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.

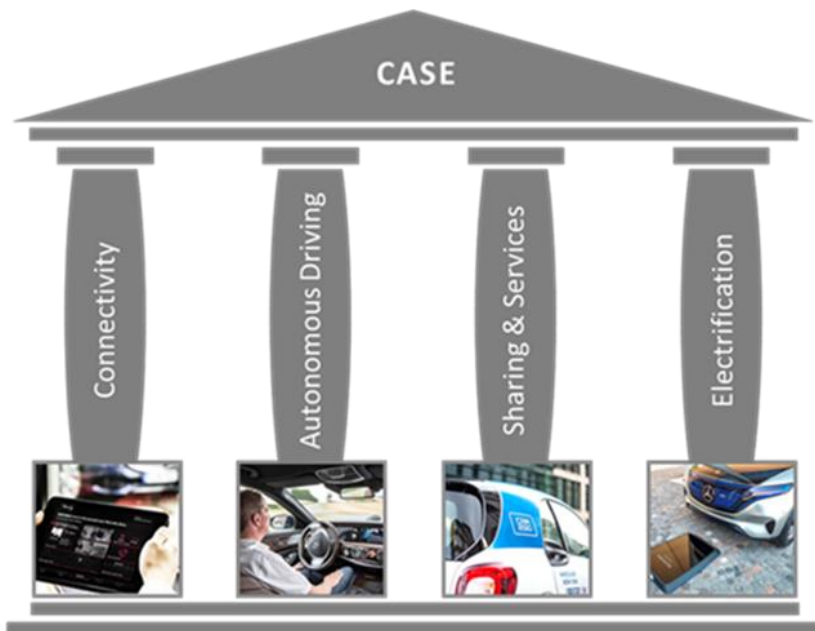
TWITTER

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.

⁽¹⁾ CASE strategy as defined by Mercedes-Benz at the Paris Automobile Show in 2016.



A garage offering features that accommodate emerging technologies will be a facility there to stay!



Based on our discussions with leading companies, one element

has become very clear – emerging transportation technologies require that the garage of the future must be smart!

In response, we oriented our automatic parking system around the term CASE ⁽¹⁾.

Connectivity: With our fully automated parking system and its Cimplicity® software platform (from GE), we are already connected and can receive and share as much or as little information as the client wants on an open network.

Autonomous Driving: In 2016 we developed a partnership with Bosch to

facilitate parking of “autonomous driving cars” in Robotic Parking Systems’ garages.

Sharing and Services: Car sharing, fleets and car services can be accommodated in our robotic garage now. The network and communication platforms already exist.

Electrification: Robotic Parking Systems are designed to include a number of automatic electric Level 2 charging stations inside the system. Just plug the cable in our entry / exit terminal to the car – done.

A garage offering features that accommodate emerging technologies will be a facility there to stay!

REFERENCE

M. A. AL-KHARAFI & SONS

“... express my gratitude and appreciation for the high-quality service being provided to us...”

M. A. Al-Kharafi & Sons is the main contractor responsible for the Amiri Diwan (the Amir’s Office of the State of Kuwait) Al Jahra Court Complex project in Kuwait.

Eng. Mohammed Al-Kholy, General Manager, stated, “I am writing this letter to express my gratitude and appreciation for the high-quality service being provided to us... They (Robotic Parking Systems) have executed the design, manufacturing and delivery of over 1,293 tons of machinery, electronics and automation equipment within a remarkably short time to meet the project schedule demanded by Amiri Diwan.”



PARKING FACTS:

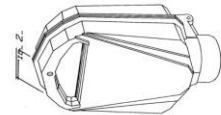
The world’s first parking meter, known as Park-O-Meter No. 1, was installed in Oklahoma City, Oklahoma on July 16, 1935. The parking meter was the brainchild of a man named Carl C. Magee.

<http://www.history.com/this-day-in-history/worlds-first-parking-meter-installed>

March 3, 1936

C. C. MAGEE
PARKING METER OFFICE
P.O. BOX 101, O.C.

Des. 98,810



Carl C. Magee
INVENTOR
By *[Signature]*
ATTORNEY



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