



In just one day I saw three news stories about deaths and assaults involving parking lots and garages. Two students died as a result of a fall from a parking deck – one at Seton Hall University and the other from a parking garage at Ohio State. Additionally, in Texas, a mother and daughter were beaten by a man angry at them for taking "his parking space." All three of these incidents should never have happened!

Simply parking a car or being in a parking garage should not be a

dangerous activity!

2017 U.S. Department of Justice statistics state that there were 393,980 rapes and sexual assaults reported in the US. Other sources state that 25% of rapes and sexual assaults take place in multi-story concrete parking garages, parking lots, and public areas. That's 98,495

sexual assaults in 2017 centered around parking facilities – almost 270 per day! Additionally, there were over 500,000 vehicle thefts reported.

The well-known concept in criminology, risk assessment, architecture, and site planning known as "Crime Prevention through Environmental Design" ("CPTED")

“ Robotic Parking Systems offer a better CPTED design solution that increases safety and security in a parking facility ... ”

GREATER SAFETY AND SECURITY IN PARKING FACILITIES

depends on the capacity to impact decisions that precede criminal acts. No opportunity for crime equals no crime.

Robotic Parking Systems offer a better CPTED design solution that increases safety and security in a parking facility to prevent such incidents from happening.

Here's how these three incidents could have been prevented.

Bottom line ... with a Robotic Parking System, the students would never have been on an upper parking deck for such an incident to occur. No one – other than trained maintenance personnel – is allowed inside the garage. The only public access areas are the ground level, well-lit entry / exit terminals and the lobby that is used to initiate the process to retrieve a car.

As for the beating by the angry man, there are no “parking spaces” to fight over. Drivers pull into an entry / exit terminal and the car is moved to a parking space by computerized machinery. There is no potential conflict over a particular parking space so the incident could be avoided.

The Robotic Parking System also protects the cars and any property inside them.



The driver parks the car on its own pallet in the entry / exit terminal, and the car is never touched by machines or humans as it is moved. This eliminates any problems with parking cars that are low to the ground as well as the typical dings and dents that occur in parking lots or concrete ramp garages. Cars are stored in a fully enclosed building and are 100% secure from theft of the car or its contents as well as vandalism.

Overall, automated parking offers a level of security not available in other parking venues.



PALLET CLEANING SYSTEM

A Pallet Cleaning System is automatically integrated into the Robotic Parking System if a project is located in a region that regularly receives snow and ice.

This vacuum system cleans the pallets as needed after a car exits from the entry / exit terminal. This action is particularly critical during the winter season to remove snow and ice. The inside of the Robotic Parking Systems' garage must remain above freezing to ensure fluids can be removed from the pallet and tires do not become frozen to the pallet.



Creative freedom for architects and developers.

FLEXIBLE FACADES



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.



Blend Seamlessly into Any Project or Neighborhood

A parking garage doesn't have to look like a parking garage. With a Robotic Parking System, the façade can be designed to blend seamlessly into any project or neighborhood. Architects and developers have complete freedom of choice.

Any type of façade can be hung onto the clean outside structural support system – steel or concrete – of the garage. All of the lifts, machines, electronics, pallets and computer control systems are installed inside the supporting structure and never interfere with the façade.

Entry / exit terminals can also be integrated into the façade environment while maintaining both visual and

functional criteria.

So, whether you prefer a half-timbered, brick, aluminum, concrete, stucco or glass facade, the choice is yours.



REFERENCE

CEO, ASTECO DEVELOPMENT MANAGEMENT LLC

“... premium valet parking using state of the art technology.”

Ahmet Oktay Cini, CEO of Asteco Development Management LLC, described the RPS high-capacity robotic parking as “a key component of the development, 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. The robotic system also addresses the growing parking problem in Dubai by providing more than twice the number of parking spaces compared with a conventional car park.”



PARKING FACTS:

“Americans spend an incredible \$72.7 billion searching for the elusive parking spot,” said Bob Pishue, senior economist at INRIX. “Our country’s parking pain has widespread impact – on drivers, cities, the economy and the environment. Thankfully, it’s a problem that can be improved through education, technology and partnerships.”



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