More than a PARKING SYSTEM. A totally new PARKING PARADIGM.

U-tron is far more than an automated system for better parking - it’s a new paradigm, offering breakthrough innovation and multiple additional benefits for all stakeholders. Improved ROI and cost reduction for developers, advanced user experience and other lifestyle amenities for end users and better design options for architects.
U-TRON BENEFITS

OPTIMIZE SPACE
- Significantly reduce space required for parking (up to 65% less than conventional parking)
- Less parking space, more revenue-generating space
- Flexible design to resolve parking challenges even in odd building shapes
- Allow development of tight sites

IMPROVE ROI
- Transform parking space to retail / residential / amenity space
- Reduce operation cost including utilities, insurance premiums and personnel
- Accelerate depreciation

PREMIUM USER EXPERIENCE
- App based parking allows full visibility and control over the parking process
- A valet parking service - without the valet
- Safe and secure environment

A GAME-CHANGING ENABLER FACILITATING SIGNIFICANT REAL ESTATE IMPROVEMENTS

U-tron saves space, reduces energy consumption and maintenance costs, as well as the need for personnel to operate the garage. Most importantly - it provides developers with more revenue-generating space and additional amenities.
THE REAL ESTATE IMPROVEMENTS
U-tron provides maximum parking capacity within minimum space, freeing up space to additional amenities and improving the architectural design. In some cases U-tron’s automated parking design enabled the creation of public and communal areas as well as better building surroundings.

PARKING AS AN AMENITY
U-tron Automated Parking is a real amenity for new developments. The premium user experience is a marketing differentiator and sales driver that developers use to distinguish their project. U-tron provides developers with a support kit that includes marketing materials showcasing U-tron as a desirable amenity.

ADVANCED USER EXPERIENCE
U-tron provides advanced & premium user experience that feels like valet parking, just without the valet. Users drive their car into a big bay room, turn the motor off, lock the car and leave with the car keys. The parking process is initiated using a mobile app or a fob / ticket. People do not walk in the parking structure. Parking related damages such as scrapes and dents are avoided. Since the vehicle is delivered to a center waiting room, personal safety is improved and vehicle theft, break-ins and assaults are eliminated.

U-TRON MOBILE APP
U-tron’s first-in-the-market mobile app provides users full visibility of their parking process and a secure method to submit payments quickly. Users can start their car retrieval process from their apartment, office or while outdoors, and manage their waiting time effectively. The U-tron app continuously updates users on their parking status. The app shares information such as average retrieval times throughout the day, space availability and space reservation.
A PARKING SYSTEM THAT DOESN'T ONLY PROMISE, IT DELIVERS

Utron is not a concept - people actually use it, and enjoy it. We have fully operational systems across the USA, providing developers with better ROI and real estate improvements, while users enjoy a great parking experience.

WEST HOLLYWOOD CITY HALL
WEST HOLLYWOOD, CA
Building Type: Municipal | Parking Spaces: 200
Parking Levels: 5 | Parking Footprint: 150' X 80'
Year Completed: 2015

5 FRANKLIN
NYC, NY
Building Type: Residential | Parking Spaces: 7
Parking Levels: 2 | Parking Footprint: 50’ X 70’
Year Completed: 2018

ONE PARK
CLIFFSIDE PARK, NJ
Building Type: Residential | Parking Spaces: 326
Parking Levels: 5 | Parking Footprint: 220’ X 80’
Year Completed: 2018

PARK + GARDEN
HOBOKEN, NJ
Building Type: Mixed Use | Parking Spaces: 373
Parking Levels: 6 | Parking Footprint: 150’ X 100’
Year Completed: 2015

VINE
HOBOKEN, NJ
Building Type: Residential | Parking Spaces: 144
Parking Levels: 3 | Parking Footprint: 125’ X 96’
Year Completed: 2016

THE ROWAN
ASTORIA, NY
Building Type: Mixed Use | Parking Spaces: 97
Parking Levels: 3 | Parking Footprint: 130’ X 94’
Expected completion: 2020

UCLA
MEDICAL CENTER
Building Type: Medical Center | Parking Spaces: 243
Parking Levels: 6 | Parking Footprint: 200’ X 78’
Expected completion: 2020

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By replacing the conventional underground parking with U-tron’s automated parking system, we were able to build a significantly smaller parking structure below grade allowing us to create valuable retail space.

John C. Petras, Managing Principal | George Michelis, Managing Principal, Rockfarmer Properties, 21-21, 31 Street

"The below grade retail space will now generate income and allow us to attract a high volume big box tenant and achieve stronger rents above grade resulting in a favorable ROI for project. We met on-site with Utron’s principles many times, and I know these are people I can trust. Technology wise, this solution puts us way ahead of our competitors, and I plan to copy the success in our future projects."

Dean Marchetto, Architect, MHS, Park+Garden

It’s also personal for me. I park my vehicle in a U-tron garage every night and I love it.

"Working with Utron opened up new opportunities for us in the design of our mixed-use building. Utron’ parking systems allowed us to reduce the size of our parking area by 35% resulting in significant additional space for principle uses such as commercial or residential units. In one case it allowed us to eliminate a costly basement parking level which saved significant time and money in construction."

"The Rowan
Astoria, NY
Mixed-use Residential 97 spaces 3 parking levels

Vine
Hoboken, NJ
Mixed-use Residential 144 spaces 3 parking levels"
PARK + GARDEN (HOBOKEN, NJ) CASE STUDY

This luxury Hoboken Rental offers eco-efficient design and several upscale amenities including attended lobby, indoor basketball court, outdoor pool, and a cozy residents lounge.

THE REAL ESTATE IMPROVEMENT

Utron’s solution condensed a 10-floor parking structure into only 4 floors, eliminating excavation and allowing for additional residential units and rooftop amenities such as a pool and residential park.

- 42% space saving
- Additional retail and residential areas
- 373 spaces
- Operating since 2015

more rental units
U-tron SLIDE is a single/multi-level system composed of lifts, conveyors and entry/exit bay rooms. U-tron SLIDE is designed to allow flexible parking arrays on small and challenging sites. Vehicles are stored on pallets which are conveyed in a matrix array, for efficient and fast cycles. The conveyor arrays permit multi-path movements which increase the system’s redundancy. The system is customizable for different vehicle dimensions, based on the available parking footprint.

U-tron PACE is a single/multi-level, high-performance system composed of lifts, shuttles and entry/exit bay rooms. U-tron PACE is designed to accommodate high parking capacity while providing high performance levels. The bay room is the interface between the driver and the system. It is where the driver pulls in or retrieves the vehicle from. The bay room is equipped with automated doors and sensors which measure the vehicle’s dimensions for higher efficiency parking operation. Each bay room is equipped with a Kiosk which serves to store and retrieve the vehicle from the automated parking system. There are multiple Shuttles which move across the parking levels using the system’s lifts. The Shuttle consists of a pair of satellite robots, which adjust to the vehicle’s wheel base and lift the vehicle off the surface by its tires. The system is controlled by a management software and logic controllers.
Utron is a turnkey provider for autonomous parking solutions. This unique solution provides more parking spaces in less space, enabling high-density storage of vehicles by eliminating the need for ramps. By combining an array of conveyance devices with software designed for efficient storage and retrieval of vehicles, Utron’s solutions boast an advanced yet simple user interface so users can quickly park and retrieve their vehicle.

### PARKING PROCESS
- The automated parking solution consists of several bays for storing and retrieving vehicles.
- The driver approaches the bay with the vehicle and stops at the marked sign. A rolling door opens and the user drives the vehicle into the bay where it is measured by sensors and guided to the correct position by instructions on a screen in front of the driver. When the vehicle is correctly positioned, the driver gets an on-screen approval that the vehicle is ready to be parked.
- The driver then exits the vehicle and locks it, leaves the bay room and goes to the kiosk to complete the parking procedure. The parking process is initiated using the Utron mobile app or at the kiosk payment machine with card swipe or by pulling a pay ticket.
- When the request at the app/kiosk is complete, the bay door closes, and sensors sweep the room to detect that there is no movement outside the vehicle.
- Based on the vehicle’s dimensions, a conveying device loads the vehicle from the bay and stores it in a suitable parking position.
- The bay room is now ready for another vehicle to be parked, or for a vehicle to be retrieved from storage.

### HOW IT WORKS
- The user uses the app or swipes a personal card at the kiosk payment machine (or pays the parking fee), which triggers a request to retrieve the vehicle.
- The system displays the current request in the queue and provides real-time retrieval information.
- The automated shuttle system retrieves the vehicle from storage and delivers it to an empty bay room.
- The retrieval screen displays the bay room in which the retrieved vehicle will be delivered to.
- The designated bay room door opens with the vehicle facing out and ready to go. All the user needs to do is get in and drive straight out.
SEAMLESS & PROFESSIONAL SERVICE

U-tron systems are easy and safe to operate, remotely accessible to ensure seamless operation and service. The System is provided with intuitive configuration and operation interface for flexibility and efficiency of the parking process. U-tron’s seamless operation is made complete by local teams of service experts, available to dispatch to your site 24/7.

- 24/7/365 support services
- Control software-based systems
- Secured remote access
- Serviced by professionals
- Innovative and simple user interface
- On-site, on-call visitations
- Preventive and periodic maintenance
A UNITRONICS ENGINEERING SOLUTION – YOUR SAFE CHOICE

- Field proven technology from a field proven company
- 30 years of successful systems implementations
- 10 years of successful US projects
- Turnkey provider One-Stop-Shop
- Guaranteed performance

u·tron

U·tron is the division of automated parking solutions of Unitronics. U·tron brings decades of Unitronics’ experience, innovation, and automation engineering excellence, providing state of the art autonomous parking solutions.

Unitronics

Founded in 1989, Unitronics is a publicly traded company which offers decades of innovative methods and in-depth knowledge of reliable automation to fulfill the needs of the automation control industry. The company’s international operations cover over 50 countries worldwide.