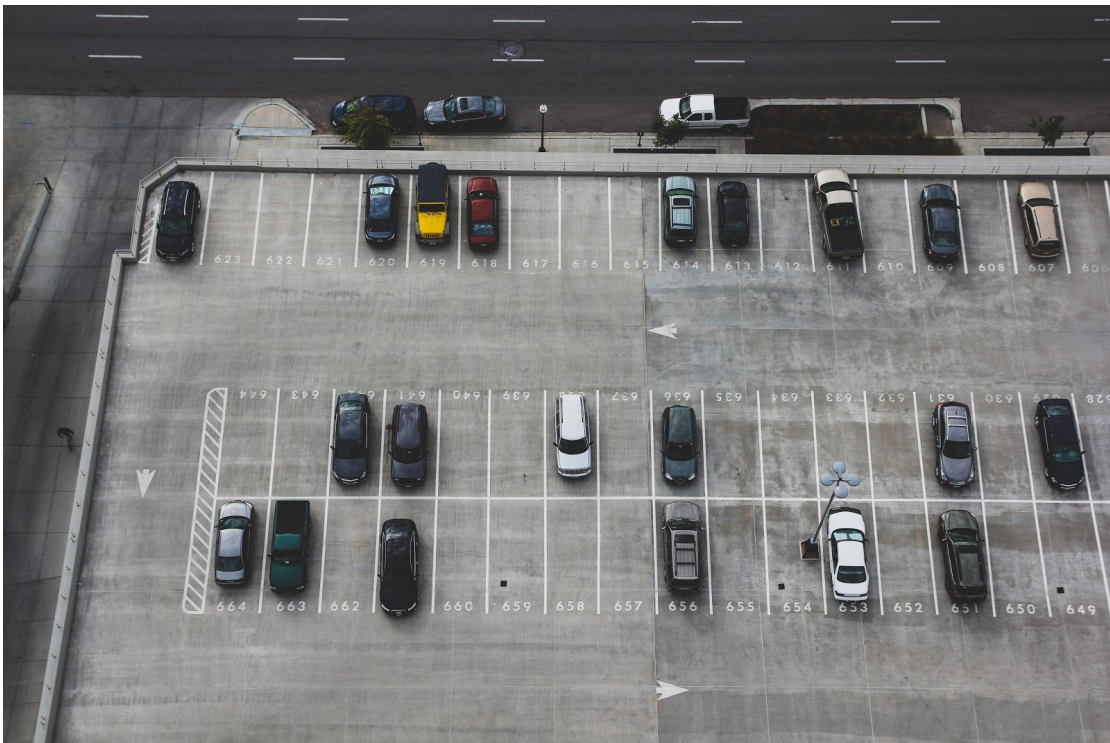




Uncanny Vision[®]

MONITOR PARKING ENTRY & EXIT GATES

with **AI-BASED VIDEO ANALYTICS**



Uncanny Vision Solutions Pvt Ltd

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CHALLENGE

With the increasing volume of vehicles on the road, one of the major issues that cities are facing is parking. Parking Operators are constantly trying to improve the returns from the parking lots. Here are some stats on the challenges faced by the vehicle owners and parking lot operators:

1. 63% of the US drivers say they avoided driving to shopping sites, airports, etc due to parking challenges
2. 47% of the parking operators say their assets are not fully utilized
3. The estimated percentage of industry revenues accounted by wage expenses is 32%



SOLUTION

License Plate Recognition:

A highly accurate license plate recognition system that reads vehicle number plates with the use of AI technology without any manual intervention. Unlike traditional LPR systems, AI based solutions use neural networks for higher accuracy, can be trained with different formats with ease, and works for standard or non-standard license plates.

The system has two components, a camera, and an LPU (local processing

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unit). On detecting a vehicle in the view of the camera, it looks for the license plate of the vehicle, captures the image, reads the image and saves it in the database along with the date and time stamp of the entry time.

Uncanny Vision's solution helps you maximize the value and returns of your open parking lot. Our real-time license plate recognition uses AI, video cameras and Azure Stack Edge to give you in/out monitoring, integration with your existing parking management system and the smoothest entry/exit experience for your customers.



Service

Improve customer experience with faster entry and exit, no key cards requires, and parking spot availability info



Revenue

Optimize revenue and returns with more vehicles in your lot and lower labor costs in lot monitoring and enforcement



Management

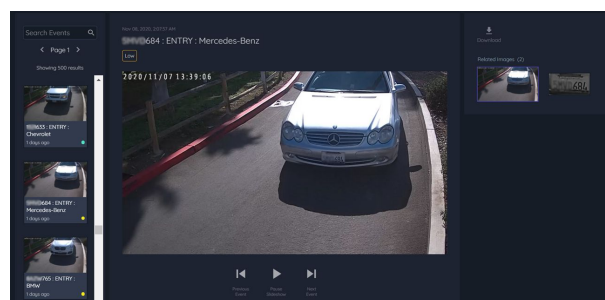
Get License Plate Recognition as a Service with monitoring and SLAs for all the solution components

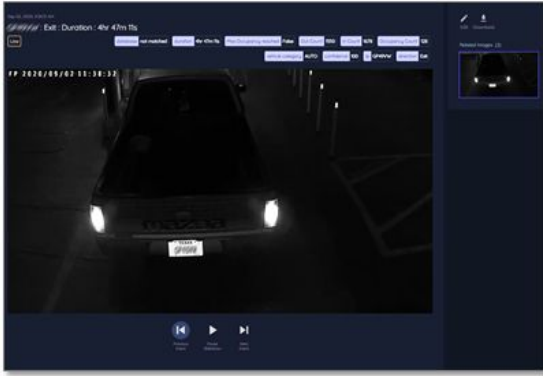
ADVANTAGES



Easily deploy cameras at entry/exit points without the need for gates

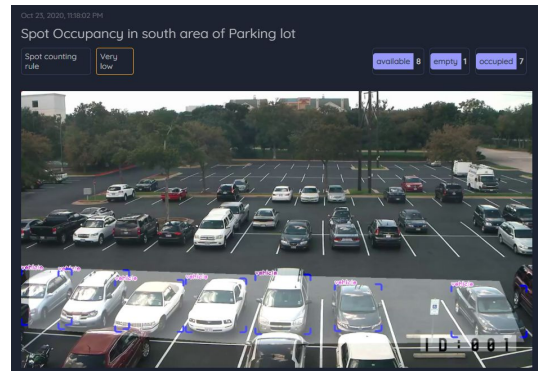
Quick scan images from entries and exits to find specific cars or events



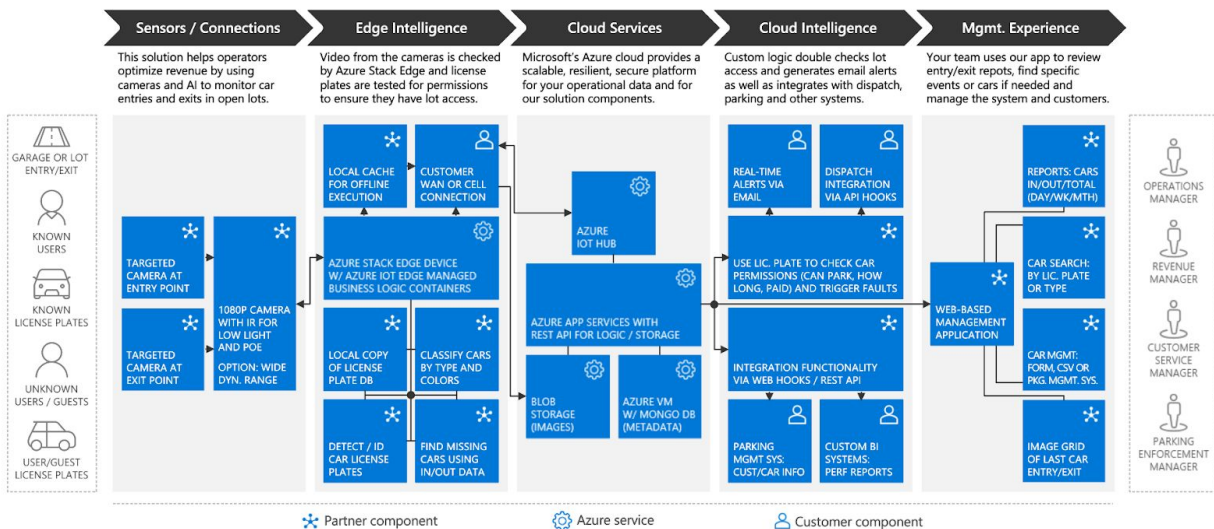


Infrared cameras help the system detect license plates even at night

Monitor real-time parking occupancy



ARCHITECTURE



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Built on Microsoft and Azure technologies



TESTIMONIAL

“Thanks to Uncanny Vision's high accuracy LPR, we launched our vision of a new friction-less parking kiosk. The ease of integration, accuracy of plate data, and willingness to offer concepts and ideas to improve our products with their applications, allowed us to push the boundaries of what we thought was possible.”

Jared Schmidt
Founder of parcPERFECT, Florida

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About Uncanny Vision

Uncanny Vision is an award-winning AI-based Computer Vision company delivering next generation real-time Edge-based Video Analytics solutions for Smart Cities, Smart Buildings, Smart Parking & Smart Infrastructure – specifically for People & Vehicle Monitoring using cameras. We enable cameras to "see" and "understand" their environment instantly using AI/Deep Learning algorithms. Core solutions include People, Vehicle count, classification as well as high accuracy License Plate Recognition used by many cities around the world. Using unique optimization techniques, Uncanny Vision provides this solution on low-cost Edge AI processing systems powered by Intel and on high performance Data Center or Cloud systems powered by Nvidia.



Our current deployments



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Our Products

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