

ACCESS CONTROL FOR PARKING

Partner: NPS
Rowan University, NJ –
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About NPS

Manages off-street parking garages throughout New Jersey with over 15,000 parking spaces for day parkers and monthly parking space leasers.

Project overview

Customer's problem:

Nexus Parking Systems was looking for a solution to replace their RFID access control system at Rowan Boulevard Parking Garage (900 parking spaces).

Nexus aimed at eliminating physical permits and decided to introduce license plate-based permitting/access control using Asura Technologies' ALPR solution.

Their system did not allow facility lockdown and aimed at cutting the extra costs involved with procuring new cards and hiring/scheduling administrative staff. Distribution of the cards each year could take well over a month.

Solution

Asura Technologies delivered a customized License Plate Recognition-based access control system.

- Automatic operation of gates and barriers for permit holders by creating a white list of users
- Create entry and exit rules and assign them to custom vehicle lists
- Manual operation of the gate / barrier if needed
- Specify custom parking grace period
- No entry card or token required that could be replaced or traded
- Facility lockdown is available for the operator at any time by denying entry for all license plates

Results

Access control system expanded to 2100 parking spaces at 3 locations.

Nexus found the LPR system to be beneficial for more than just automatically vending the gates:

- Enhanced customer experience as customer service reps have more time to assist customers with other parking related issues
- Back-pass issues reduced to zero
- An overall decrease in OP-EX, as the system allowed optimization of on-site labor and eliminated the cost of access cards



Contact

Bartók Béla út 76.
Budapest, 1114
Hungary

request@asuratechnologies.com

+36 70 202 3333