

University Parking Management

A Parking Management solution developed with special focus on University Campus requirements.

Key benefits provided

- Individual space timed parking monitoring
- Enforcement
- Improve ease of parking on campus
- Get students to class on time
- Optimize use of existing parking infrastructure

Hardware

- Required sensors and network components for individual space monitoring
- Optional signage to signal availability status to drivers at every ingress point
- Optional signage to signal availability to customers on every floor in a structure or different zones in a large parking lot

Hosted Functionality

- Rule Based user interface for Administrator, Students
- GIS data map showing real time occupancy/availability/violations by location(s)
- Securing remote server from unauthorized access
- Configuration and support of initial network service
- Tablet/Smartphone based overstay lookup on GIS data map
- Optional signage control

Systems Diagnostics, Analysis and Remote Repair

- Real time system hardware monitoring and diagnostic module and alerts on GIS data map and text/email
- Remote manufacturer second level hardware support
- Remote hardware trouble shooting labor
- Remote re-programming of all sensor nodes and network components
- Hardware firmware updates to all sensor hardware as it is released
- Software module updates as they are released

Reports & User Interface

Administrator

- Real time report generation
- Real time violations by space and zones
- Historical violations by space and zones
- Real time parking occupancy/availability by location(s) and zones
- Historical parking occupancy/availability by location(s) and zones
- Calculated historical dwell time by location(s) and zones
- Ability to post key report(s) on Rule Base User Interface

Student

- Regularly updated data search and published report generation
- Real time parking occupancy/availability by space and zones
- Historical parking occupancy/availability by location(s) and zones, by time of day, day of year.