

# Parking & Traffic Control System



Give your customers a *parking experience* to remember!

**Signal-Tech**  
signal-tech.com

***Intelligent sign control driven by real-time parking data***

# What is the Parking & Traffic Control System?

The Parking and Traffic Control System supports managing your garage capacity and traffic flow from one platform. It has the ability to count cars and report/share data while directing the flow of traffic in and around the parking facility or campus with LED signs that change based on real-time occupancy, event and day/time conditions. The system integrates our Smart Signs, Sign Control and Reporting Software, and the RedStorm 2.1 Parking Guidance System.

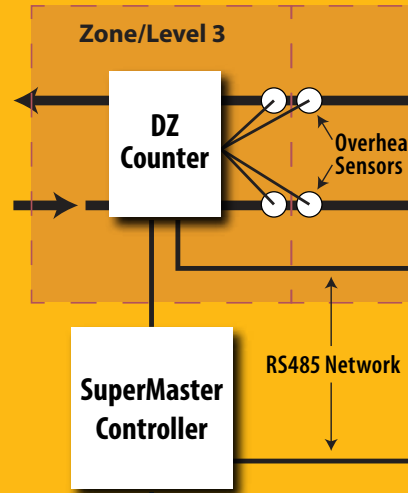
Our Parking and Traffic Control System is ideal for campus settings; adapts to new and existing garages and surface lots; and interfaces with loop detection and gates. It automatically redirects traffic to alternate parking locations based on real-time conditions using remotely placed space available signs and changeable wayfinding signs.

Put an end to the frustration and congestion caused from aimlessly searching for a parking spot and **give your customers a parking experience to remember!**

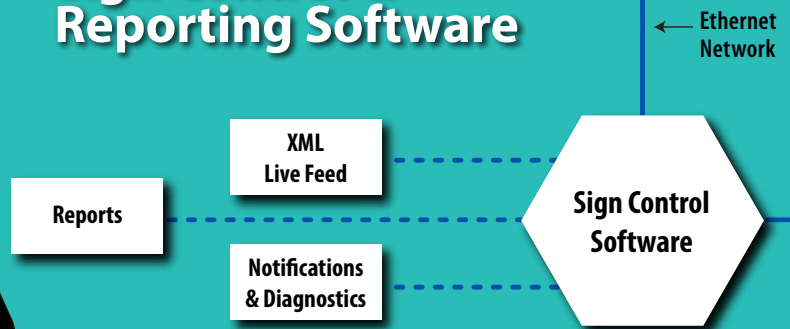


## Topology Map

### RedStorm™ 2.1 Parking Guidance System



### Sign Control & Reporting Software



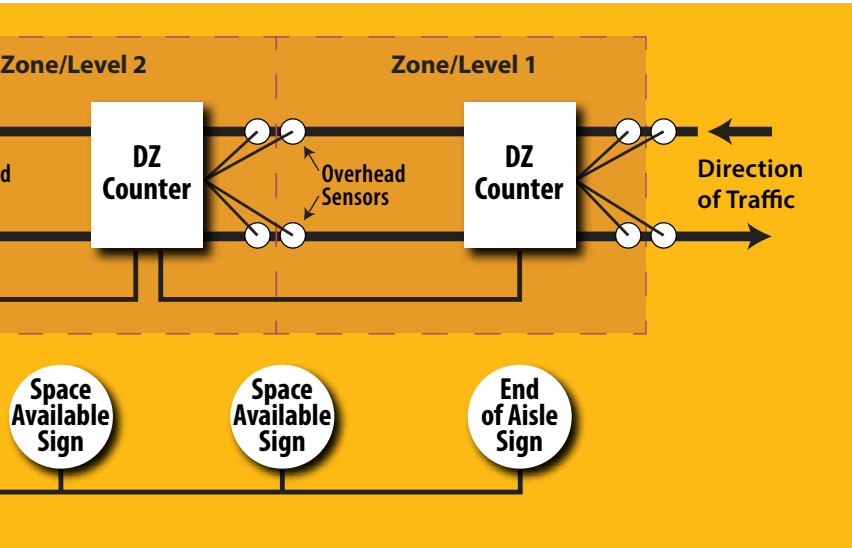
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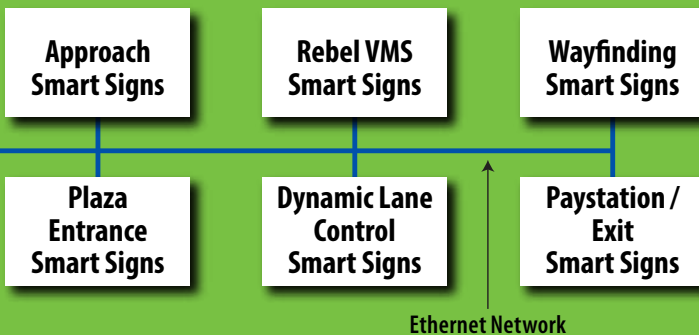
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## What does it do?

- Counts cars in real-time
- Displays open space counts on signs at the garage/lot and in remote locations
- Gives you the ability to control wayfinding and directional Smart Signs based on real-time parking occupancy, event, day and time
- Allows you to manage the garage capacity and traffic flow for one or multiple RedStorm Systems
- Sends alerts and notifications to assist in pinpointing and diagnosing hardware issues.
- Create reports and export the parking data in .csv format
- Offers the ability to push open space counts to your web services through a live XML feed



## Smart Sign System



# System Requirements

## Sign Control & Reporting Software

### Computer Requirements:

Server grade PC with power backup running Windows 7 or Windows Server 2008 or higher.

### Minimum Requirements:

8GB RAM and 128GB of hard drive space.

### Network Requirements:

• Ethernet • DHCP enabled

## Smart Sign System

### Each Static Sign Requires

- A power connection at the sign of either 12–24VDC or 120–277VAC based on sign series
- A wired Ethernet network connection at the sign
- Ethernet DHCP static IP lease

### Each VMS Rebel Programmable Sign Requires

- A power connection at the sign of 110–240VAC
- A wired Ethernet network connection at the sign
- Ethernet DHCP static IP lease

## RedStorm™ 2.1 Parking Guidance System

### Requires

- 120–240VAC input power at the SuperMaster Controller
- RS485 Wired Network Bus
- 120–277VAC input power at each Space Available Sign

### When integrated with the Sign Control & Reporting Software

- A wired Ethernet connection from the SuperMaster Controller to the facility network
- Ethernet DHCP static IP lease



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