

# School Zone Flashing Beacon System

## Remote Management Platform



## Description

Spot Devices **School Zone Flashing Beacon System** consists of bright, attention-getting beacons installed at the boundaries of school zones to alert motorists that a reduced speed limit is in effect. The beacons are programmed to activate according to a user-specified calendar. Reducing speeds in school zones is vitally important; a child hit by a vehicle traveling at 30 MPH has only a 55% chance of survival. However, a child hit by a vehicle travelling just 10 MPH slower has an 85% chance of surviving. School zone flashing beacons reduce speeds. Recent studies demonstrate an average reduction of 5-7 MPH when flashing beacons were used compared with signage alone.

## Operation

Spot Devices **School Zone Flashing Beacon System** helps maximize your investment by making it easy to schedule activations and monitor school zone beacon equipment for proper operation. Spot Devices **System Infrastructure Management Application (SIMA)** is a browser-based tool for remote, enterprise-wide supervision of all Spot Devices systems. **SIMA** allows authorized users to change school schedules, receive proactive e-mail alerts and view the entire enterprise on a Google map from any browser-enabled desktop, notebook, tablet or smartphone.

## Highlights

- ▶ Reliability- solar panel and battery size are tailored to meet the needs of your region, ensuring round-the-clock brightness in all climates
- ▶ Central Management – control one to thousands of systems from a single browser-based user interface without installing radio repeaters, Ethernet connections or local radios
- ▶ Software Free Operation – software updates of any kind are unnecessary with browser-based remote management
- ▶ Calendar Redundancy - up to one year of calendar data is stored locally on the controller, ensuring reliable activation in the unlikely event of intermittent network connectivity
- ▶ System Alerts – proactive e-mail alerts, diagnostics and reporting simplify maintenance
- ▶ Reduced Fuel and Personnel Costs – no field trips to make system configuration changes
- ▶ Power Options - AC or solar
- ▶ Warranty - 2 years

## System Components

- ▶ SC320, SC315 or SC310 Network Controller
- ▶ SB410 Round Beacon
- ▶ School zone signage

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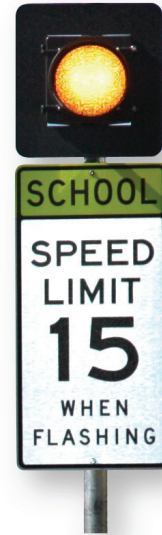
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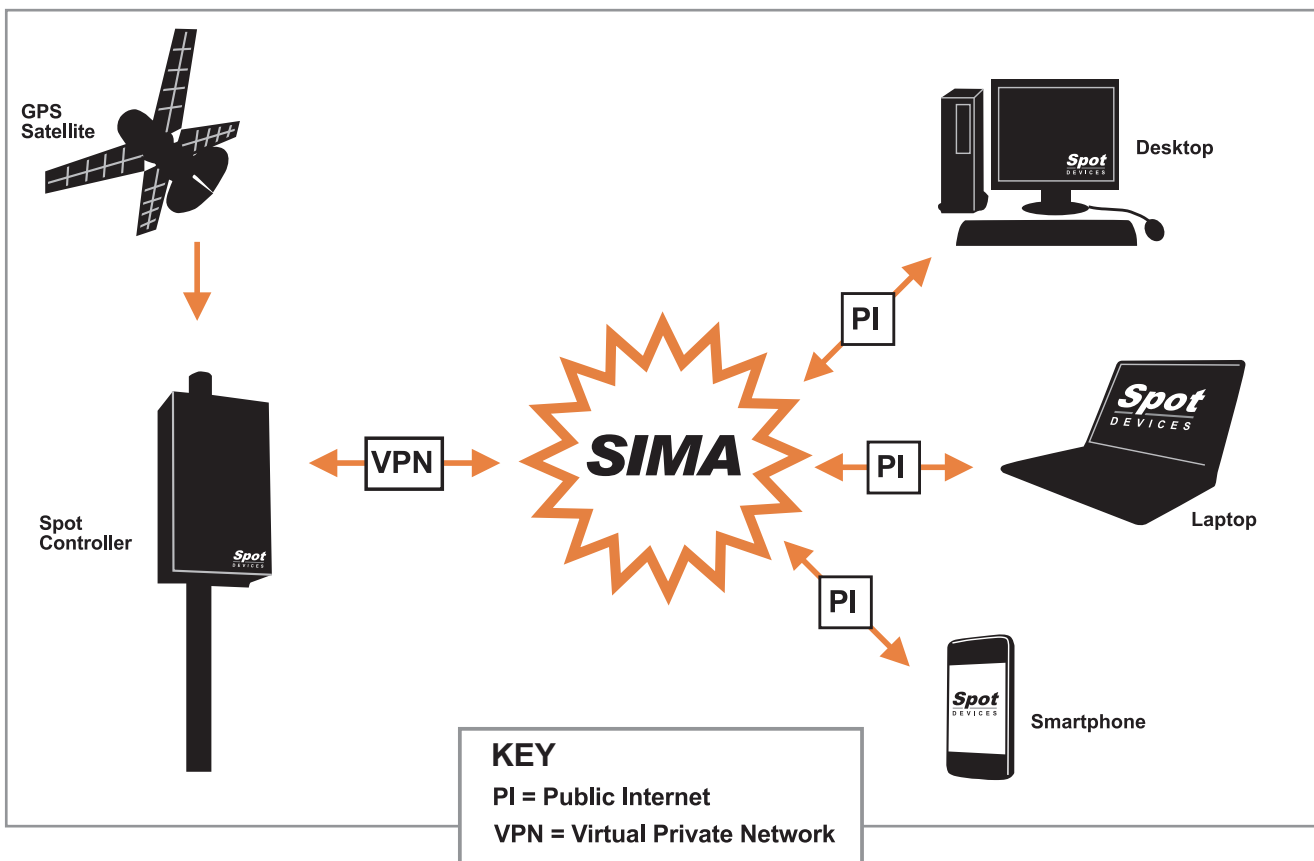
### The Spot Devices Difference

Spot Devices is a US manufacturer with industry-leading technology, a full line of pedestrian and school zone safety systems and a reputation for exceptional customer service. Unique remote monitoring and programming tools reduce the total cost of ownership by decreasing the need for technician field visits, saving customers time and money.

**Spot Devices System Infrastructure Management Application (SIMA)** allows users to perform system configuration, download maintenance reports and receive automatic diagnostic alerts from any browser-enabled desktop, notebook, tablet or smartphone.



### SIMA - Diagram



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