

INNOVATIVE TRAFFIC SAFETY SOLUTIONS

All Traffic Solutions



radar speed display | messaging | video imaging | data reporting

Leading-Edge Traffic Safety Tools

Everyone at All Traffic Solutions is dedicated to an elevated level of service. We embrace our clients' objectives as our own and strive to ensure our products and services are up to the challenges. We put our customers first.

Our products grow with technology.

Our programs are designed to ensure that the products you purchase today do not become obsolete. You can rest easy knowing that your investment has long-term value.

All Traffic Solutions

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Portable Messaging

Communicate quickly and easily with instALERT® p. 4



Mid-Size Variable Messaging

Get added visibility with MobileMessenger® p. 5



Radar Speed Display

Provide safety by awareness with SPEEDsentry® p. 6



Video Imaging System

Identify violators with SPEED-i™ p. 7



Speed-Dependent Messaging

Send targeted messages with speedALERT™ p. 8



Enhanced Scheduling Display

Handle long-term traffic calming with speedALERT SZ™ p. 9



Reporting & Management Tool

Learn more, improve effectiveness with WebEmpowered® p. 10



Snowplow & Spreader Control

Gain efficiencies with ControlPro® and SpreaderPro™ p. 12



Product Support

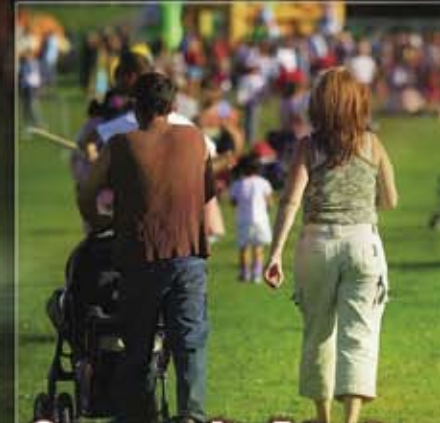
Protect your investments with PremierCare p. 13

Many Challenges... ..One Solution.

All Traffic Solutions



Corporate Safety & Security



Community Events



Crowd Control



Work Zones



Weather Disturbances



Security Areas



Pedestrian Safety

Private Communities



Campus Communication





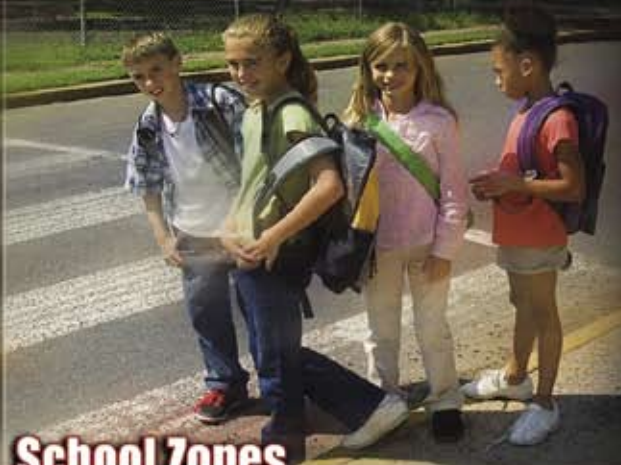
Cross Walks



Truck Fleets & Builders



Parking Lots & Garages



School Zones



Emergency Incidents



City-Wide Traffic Programs

Toll Booths



Storm Emergencies

Winter Conditions



Portable Messaging



Messaging Done Quickly, Clearly, and Simply.

The patent-pending instALERT® Rapid Messenger is the fastest, easiest way to tell the public exactly what it needs to know.



Rapid Deployment

- Folds into the back of a vehicle for unmatched convenience.
- Versatile with pole, hitch or trailer mounting options.
- Two-minute setup by one person.

Simple Messaging

- Powerful technology that is simple to use.
- Easy programming via PC, PDA or sign scroll buttons.
- Create, edit and store up to 25 messages.
- Each message can have up to three screens.
- Choose from three text sizes for viewing at various speeds and distances.
- Control duration of each screen.
- Full matrix display can show text or graphics.

Applications

INCIDENT MANAGEMENT: Alert and redirect traffic, freeing trained staff to concentrate their efforts on more important tasks.

WORK ZONES: Keep crews and the public safe by alerting motorists to flag persons, construction entrances, road changes and other possible obstacles.

CAMPUS: Direct visitors, parents and students to specific locations. Alert drivers during times of heightened pedestrian traffic.

EVENTS: Announce events and direct the public to designated parking. Direct traffic to the most efficient entrance and exit routes.



Same Sign, Multiple Mounts





Specifications:

- Dimensions, open: 60" x 28" x 1.6"
- Dimensions, closed: 30" x 28" x 3.25"
- Weight: 43 lbs
- (1) message line: (4) 24" char.
- (2) message lines: (8) 10" char.
- (3) message lines: (12) 7" char.
- Up to (3) screens per message
- Up to 8 amp draw at 12VDC
- 2496 pixels (200 per sq ft)
- Restore Default Messages function
- MUTCD compliant
- Auto-dimming 30° LED's with black background
- Temperature range -20°F to 160°F
- Black powder coat with fluorescent yellow handles
- Unlimited messages in PDA or PC
- Full matrix, graphics capable
- Program via Wireless Bluetooth® PDA or PC/laptop with serial cable, or using scroll buttons on sign
- Supply voltage 10–30 VDC

Options	Specifications
PDA	Includes Bluetooth® and ATS software suite.
Powercase 26	12VDC supply includes 26Ah battery, 120VAC automatic charger. Rechargeable from 120VAC.
Non-Glare Lexan	Treated shield reduces reflective glare.
Uplink Module	Includes modem for remote management.
WebEmpowered® Subscription	Includes remote management and cellular service. See p. 10.
Portable Post	Legs unfold to 79"x35" footprint, provides 30"– 45" to bottom of display. 25 lbs.
Portable Post, Large	Legs unfold to 125"x57" footprint, provides 40"– 52" to bottom of display, 50 lbs.
Hitch Mount	Fits 1.25" and 2" receivers, 25"– 40" to bottom of display plus height of receiver, 18 lbs.
Hitch Mount, Telescoping	Fits 1.25" and 2" receivers, up to 53"– 68" to bottom of display plus height of receiver, 25 lbs.
ATS-5 Trailer	Prepped for instALERT®. Includes instALERT® brackets, (4) 235 Ah batteries, 120VAC charger, 4-pin wiring plug, speed limit sign with digits, 12" tires, 2000 lb leaf spring axle, 5' to bottom of sign, 610 lbs.
ATS-7 Trailer	Prepped for Mobile Messenger®, includes (8) 235 Ah batteries, 120VAC charger, 4-pin wiring plug, 14" tires, 2000 lb torsion axle, 7' to bottom of sign, 1600 lbs.

Ask about other available options and our most popular product bundles.

Mid-Size Variable Messaging Sign



Use MobileMessenger® for larger roadways or long-term situations.

Features

- Uses same technology as the instALERT®, but is a fixed sign intended to be permanently mounted to a trailer
- Full-size, full-matrix display offers heightened visibility and full graphics capability
- Durable materials and construction
- MUTCD compliant

Mobile Messenger Specs:

- Dimensions: 72" x 48" x 2.8"
- Weight: 125 lbs.
- (1) message line: (4) 35" char.
- (2) message lines: (8) 18" char.
- (3) message lines: (12) 10" char.
- (2) additional font sizes available
- Up to (6) screens per message
- Up to 16 amp draw at 12VDC
- 5400 pixels (200 per sq ft)



Compatible with our WebEmpowered® service. See p. 10.



Radar Speed Display



Highly Effective Traffic Calming.

The SPEEDsentry® is so flexible to install and so easy to operate you'll use it more often for a bigger impact.

Modular & Portable

- Mounts to a pole, vehicle hitch or trailer.
- Easy to set up and relocate.

Easy Programming & Display Options

- Change settings using LCD display and three buttons located inside the SPEEDsentry® cabinet.
- Turn display off to collect data and determine pre-enforcement speed information.
- Show steady or flashing speed, with or without optional strobe.

Powerful Data Analysis

- Optional data-logging service allows you to make more informed, proactive decisions based on speed and approximate vehicle counts that include 85th and other user-selected percentiles.
- Our enhanced WebEmpowered® service provides you with enhanced reports that allow you to generate, distribute and ascertain information more effectively (see p. 10).

- Suggested Enforcements
- Traffic Trends
- Top Speed Events
- Alerts



Applications

CLEAR COMPLAINTS: The high visibility and effectiveness of the SPEEDsentry® address a broad range of citizen concerns.

GAIN PRESENCE: You can't be everywhere all of the time. SPEEDsentry® can serve as another "officer" in the field.

KEEP KIDS SAFE: Place a SPEEDsentry® sign before school zones or residential areas to give motorists a timely reminder to slow down.

BE MORE STRATEGIC: Use reports to disseminate information to departments and better plan a comprehensive, cost-effective traffic calming program.

Specifications:

- White powder coat
- Directional K-band radar; adjustable sensitivity
- 1/4" non-glare Lexan shield
- Auto-dimming amber LED's
- Temperature range -40°F to 160°F
- MUTCD compliant
- Speed analysis software with approximate vehicle count including 85th and other percentiles
- NCHRP 350 Accepted (with prescribed installation)




Provide Safety by Awareness.



12 Our most versatile and popular sign is recommended for roads up to 45 mph. It is easily moved between locations and can mount on existing poles for maximum flexibility. Each 12" digit unit contains the display, pair of batteries, a charger, "Your Speed" sign and pole mount bracket with hardware.

15 This ideal intermediate sign provides increased visibility while maintaining ease of transport. Recommended for roads up to 55 mph, it is used equally often on poles and trailers. Each 15" digit unit includes the display, pair of batteries, a charger, "Your Speed" sign and pole mount bracket with hardware.

18 Our most popular trailer display is used at all road speeds. It can be pole mounted, but its standard configuration is for a trailer. Each 18" digit unit contains the display and trailer prep with an external power connector for trailer power.

 SPEEDsentry® monitor is for use when and where you need speed data, not the digits. Our monitor collects this information for use with PC software, WebEmpowered® (see p. 10) or in a speedALERT™ configuration (see p. 8).

Options & Accessories	Specification/Description
Datalogging	Collects vehicle data to generate speed and volume reports using PC-based software.
Violator Strobe	White LED's flash at designated speed to enhance sign's effectiveness.
Bluetooth Data	Allows wireless sign programming and data downloading.
PDA	Includes Bluetooth® and ATS software suite.
Additional Mounting Bracket	Permanently mount additional brackets for greater simplicity in moving signs.
Metric Display	Displays in kph, includes additional "hundreds" digit in 15" and 18" displays.
"Your Speed" Wrap	Full surround sign attaches to SPEEDsentry® for "speed limit sign" appearance.
Uplink Module	Includes modem for remote management.
WebEmpowered Subscription	Includes data management service and may include cellular service. See p. 10.
External Relay	Allows signal output to auxiliary devices.
Portable Post	Legs unfold to 79"x35" footprint, provides 30"- 45" to bottom of display, 25 lbs.
Hitch Mount	Fits 1.25" and 2" receivers, 25"- 40" to bottom of display plus height of receiver, 18 lbs.
ATS-5 Trailer (prepped for SPEEDsentry)	Prepped for SPEEDsentry, includes (2) 235 Ah batteries, 120VAC charger, 4-pin wiring plug, speed limit sign with digits, 12" tires, 2000 lb leaf spring axle, 5' to bottom of sign, 610 lbs.

Ask about other available options and our most popular product bundles.

Video Imaging System



Supplement your traffic calming efforts with visual documentation. The SPEED-i™ can be added to a SPEEDsentry® display to capture DVR images of speed violators using a camera that is discretely hidden inside a SPEEDsentry®.

Applications:

- LAW ENFORCEMENT:** document speed violators.
- RESIDENTIAL COMMUNITIES:** keep your neighborhood safer.
- COMMERCIAL FACILITIES:** maintain the safety and security of your properties.

Information Embedded in Image:

- Vehicle speeds
- Location
- Speed limit
- Display status
- Date and time

Features:

- Discrete, efficient operation
- Adjustable camera mounted inside SPEEDsentry® cabinet
- Three zoom areas and advanced Digital Image Processing
- Recording initiated when vehicle speeds exceed programmable levels or whenever motion detected—your choice



Speed-Dependent Messaging



Record a Speed. Deliver the Right Message.

Influence driver behavior by sending targeted, speed-dependent messages using speedALERT™.

Truly Maximize Your Investment with speedALERT™ Messaging

Our patent-pending speedALERT™ option expands the functionality of your All Traffic Solutions equipment.


An instALERT® or Mobile Messenger® sign is combined with a SPEEDsentry® radar speed display or monitor, allowing you to present varying messages dependent upon vehicle speed.

What's more, you can still separate the products to use the fully functional radar speed sign and messaging sign independently—the ultimate in versatility.

SPEEDsentry®
The most flexible, cost-effective radar speed sign (p. 6).

instALERT®
The most portable, easy to use messaging sign (p. 4).

speedALERT™
The most unique, flexible combination of radar speed and messaging sign.



Same Sign, Multiple Mounts



Send Targeted Messages.



speedALERT™ & Speed-Dependent Messaging: One Sign Fits All.

The speedALERT™ option allows you to display different messages to different vehicles, depending upon their speeds and the settings you have established. You simply tell the sign what message to display according to each speed range, and speedALERT™ does the rest.

Your messages will adapt to driver behavior and traffic conditions. Compliant traffic might not be warned of their speed, but would benefit from a general public service announcement. Speeders could be addressed using messages such as the examples below.



If you're looking to impact high-risk drivers in a bigger way, you might include messages indicating fines, that an officer is positioned ahead, or that cameras are in use.

Enhanced Scheduling Display



Perfect for school zones, campuses, industrial parks... any permanent installation or wherever you need regular, targeted speed enforcement.

Specifications and Features:

- 365-day scheduling feature allows you to vary message operation by weekday, weekend, holiday or special event
- Apply conditional messages up to six time windows per day; 365-day programming
- "Display Now" feature for rapid message deployment
- Create, reuse and modify annual schedules for different locations
- Full matrix variable message sign; 2 lines of 6 characters or 1 line of 4 characters; full graphics capability
- Simple programming using PDA or PC
- 18" speed digits
- Solar assist or AC

Options & Accessories	Description
instALERT®	Foldable, portable variable message sign.
12" SPEEDsentry®, Data, Strobe	12" digit display with datalogging and violator strobe.
Bluetooth Data Upgrade	Allows wireless sign programming and data downloading.
PDA	Includes Bluetooth® and ATS software suite.
Additional SPEEDsentry® Mounting Bracket	Permanently mount additional brackets for greater simplicity.
Hitch Mount	Fits 1.25" and 2" receivers, 25"- 40" to bottom of display plus height of receiver, 18 lbs.
ATS-5 Trailer	Prepped for instALERT®. Includes instALERT® brackets, (4) 235 Ah batteries, 120VAC charger, 4-pin wiring plug, speed limit sign with digits, 12" tires, 2000 lb leaf spring axle, 5' to bottom of sign, 610 lbs.

Ask about other available options and popular product bundles.



Reporting & Management Tool



Information Really is Power.

Manage all of your equipment, all of your information and all of your involved parties from any computer with the patent-pending WebEmpowered® service.

Work with the Public More Efficiently

Use the facts from WebEmpowered® reports to clear complaints, communicate effectiveness and isolate problematic streets and drivers.

Prioritize Issues and Allocate Personnel

WebEmpowered® reports can give you information on top speed events and traffic activity, so you'll be able to make even better decisions based upon the facts.

Work With Other Departments More Effectively

Traffic trend reports will provide the insights that can help you and other departments work together more strategically on a proactive, comprehensive traffic-calming program.

Distribute Information More Easily

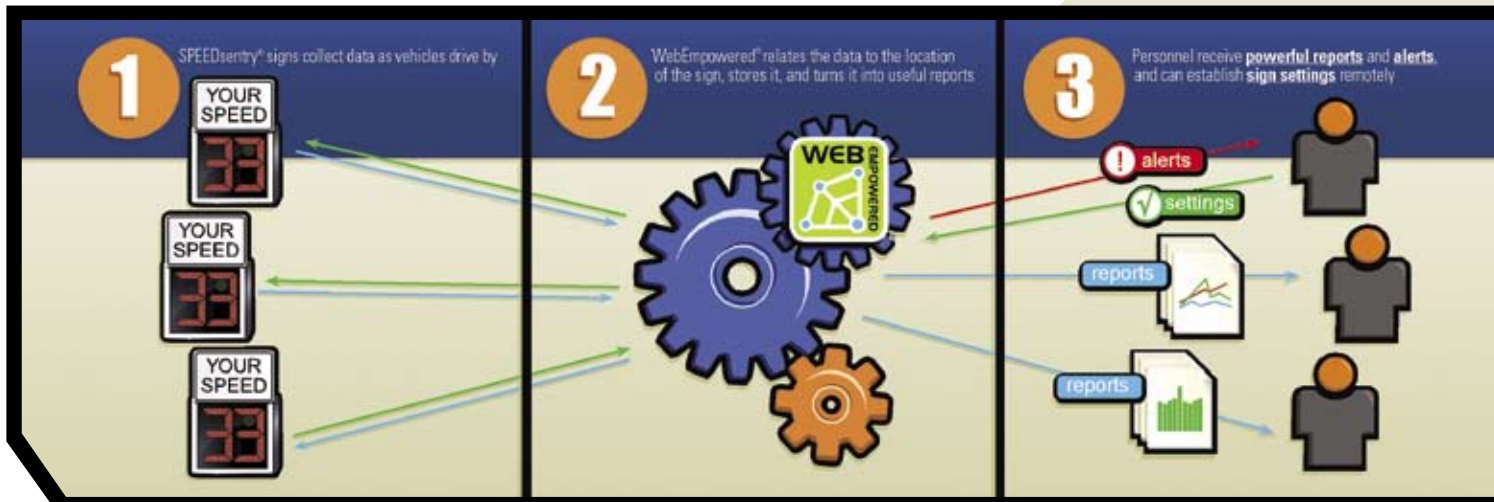
You can create custom reports, save your favorites, and set any of them up for automatic e-mail delivery to whomever you designate.



Manage Your Equipment and Receive Alerts

You can use the WebEmpowered® service to establish equipment settings right from your computer. Plus, you or personnel whom you designate can receive alerts to things like low battery levels and sudden traffic congestion.

Easy to Use, Web-Based





Once we've WebEmpowered® your products, you only need to turn them on and access them through our online WebEmpowered® portal.

There is no software to install!

Simple Setup and Operation:

- 1) Identify users and their permissions.
- 2) Configure your community by describing specific sites.
- 3) Assign each SPEEDsentry® to a specific site.
- 4) Review data as desired.

Specifications and Features:

- Cellular service included with WebEmpowered® subscription
- Internet service required
- Operating system: Windows 98, 2000, XP
- Indicator shows on-site signal strength



WebEmpower® Your Messaging

Remotely manage your instALERT® and MobileMessenger® signs from the convenience of your office.

Features:

- Deploy high priority information by instantly overriding current messages.
- Read sign status including currently displayed message, battery life and brightness settings.
- Review messages stored on remote signs and deploy new messages when necessary.
- Coordinate planned or unplanned event communications from a central point.

Features	Benefits
MANAGEMENT	
Remote Configuration	Administer and monitor from a central location. Modify equipment settings and status from your desk.
Automatic Software Updates	Web-based software ensures that you are using our most current features.
Consolidate Data	Select search criteria for any study, any road or any period of time.
Export Data	Save a local copy of your data and reports or analyze the raw data externally.
ALERTS	
Low Battery Alerts	Maximize battery life by replacing it only when needed.
High Violator Alerts	Immediate notification when SPEEDsentry® detects excessive speed.
Tamper Alerts	Immediate notification when SPEEDsentry® detects excessive motion.
Congestion Alerts	Immediate notification when speeds drop below a certain average.
Manage Alert Recipients	Choose the most appropriate person(s) to receive each type of alert via e-mail or text message.
REPORTS	
Advanced Multi-Study, Multi-Period Reporting	Easily track and compare the relative performance of one location to others. Benchmark against averages.
Custom Group Labels	Supplement data with additional flags such as "school zone" or "work zone" to help focus your reporting.
Automate Memorized Report Delivery	Have your critical reports e-mailed to you as often as you'd like.



Snowplow & Spreader Control

control^{pro} spreader^{pro}



Big features. Simple package.

Get unparalleled simplicity with robust features like GPS and data logging in an affordable, compact solution.

Applications

- Outfitted vehicles can range from 1-ton pickups to full tandem trucks

Electronic Features

- Automatic truck speed proportional or manual operation
- All functions handled from one simple interface using solid state electronic control
- All controls backlit with adjustable brightness
- Space-efficient package with adjustable pedestal to suit any driver

Data-Logging Features

- Configure and monitor via wireless PDA for one-person calibration
- Wireless data retrieval
- Data-logging with GPS routing, usage and operating statistics
- Graphical route mapping with statistics overlay

Hydraulic Features

- Compatible with gear pump or load-sensing piston pump
- Auto pump disengagement at vehicle shutdown to prevent engine strain at start
- Load-sensing hydraulic manifold allows for efficient, consistent operation, allowing multiple operations simultaneously

Additional ControlPro® Features

- Straight or V-Plow options
- Controls for strobes, beacon and work lights
- Single joystick controls dump body and plow



Leading-Edge Traffic Safety Tools



Now more than ever, people rely on you to keep things moving smoothly and safely. And with PremierCare, you can rely on All Traffic Solutions. This product support program is simply one of the best in the industry, designed to exceed your expectations when you most need it—even when something happens that isn't our fault. When you complement your product purchase with PremierCare, you are further ensuring your investment will continue to benefit you long into the future.

- 50% off product upgrades, parts & repairs (cosmetic upgrades, vandalism, misuse, feature upgrades and even batteries are all eligible)
- annual software updates
- extended warranty on manufacturing defects
- free no-hassle shipping

Ask about the details!

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