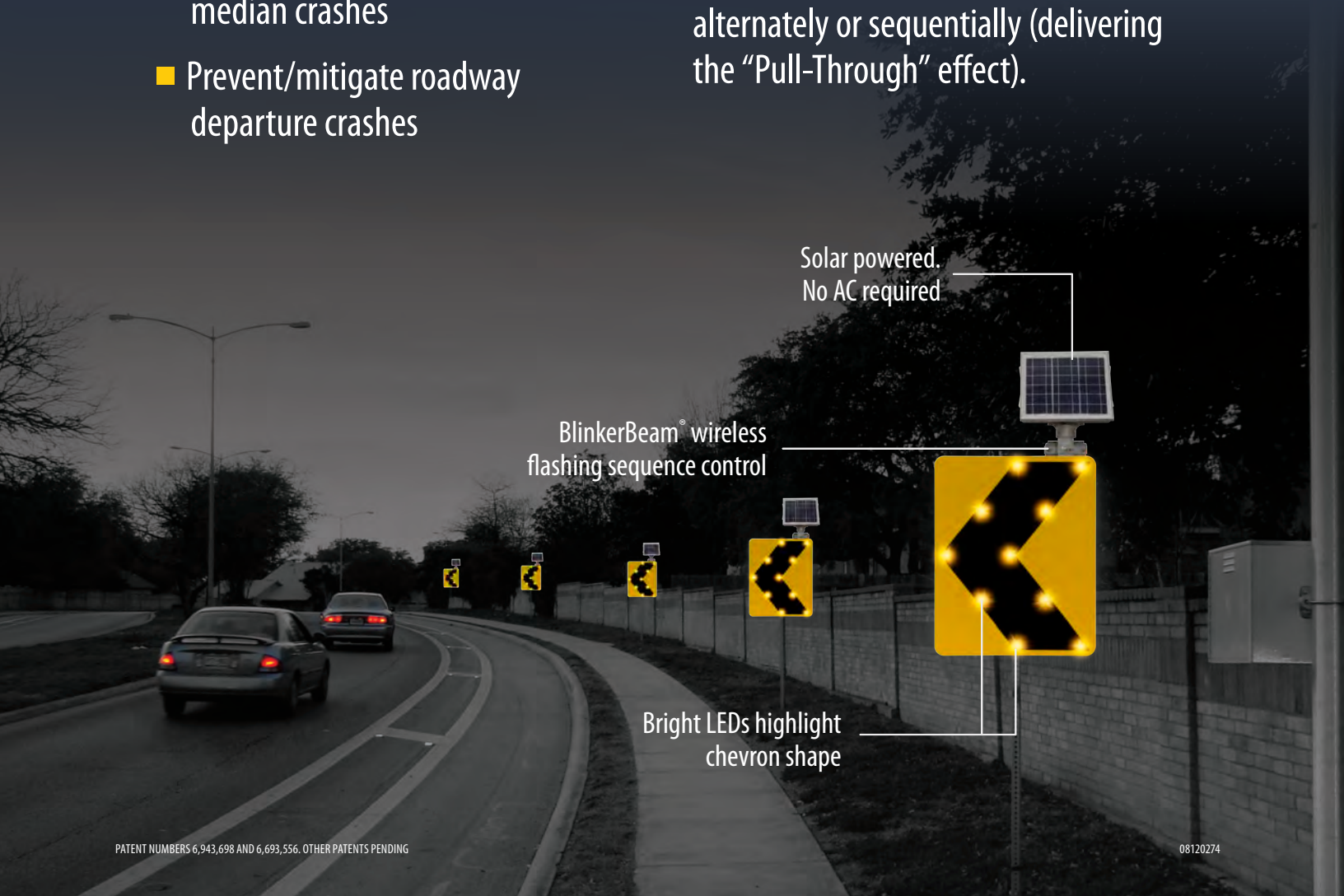
TAPCO®
TRAFFIC & PARKING CONTROL COMPANY

Blinker LED Products

BlinkerChevron™ Dynamic Curve Warning and Guidance Systems

- Wireless
- MUTCD Compliant
- Solar and 110v power options
- Reduce speed-related crashes
- Reduce head-on and cross-median crashes
- Prevent/mitigate roadway departure crashes

BlinkerBeam® wireless communication, BlinkSync™ synchronization & BlinkChevron™ LED signs function dynamically to warn and guide motorists through a dangerous curve. Once activated, the Blinker Chevron™ LED signs flash alternately or sequentially (delivering the "Pull-Through" effect).



PATENT NUMBERS 6,943,698 AND 6,693,556. OTHER PATENTS PENDING

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How does a BlinkerChevron™ Dynamic Curve Warning System Work?

BlinkerBeam® wireless communication, BlinkSync™ synchronization & BlinkChevron™ LED signs function dynamically to warn and guide motorists through a dangerous curve. Once activated, the Blinker Chevron™ LED signs flash alternately or sequentially (delivering the "Pull-Through" effect).

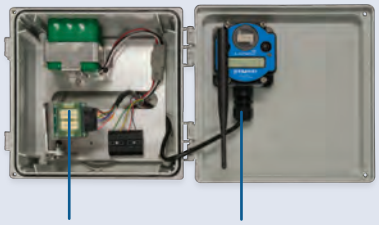
1 Vehicle speed sensor activation

A low power draw Digital Signal Processing (DSP) based K-band radar is mounted on the first BlinkerChevron in the curve warning system. Its the world's smallest and lowest power usage OEM K-Band Doppler radar with 300+ feet typical detective range for a compact vehicle

Control box housing radar vehicle speed sensor (mounted on first BlinkerChevron™ in system)

2 BlinkerBeam® gateway activation

The radar activates the BlinkerBeam® gateway transceiver radio . The gateway then wirelessly signals the BlinkerBeam® nodes in the warning system

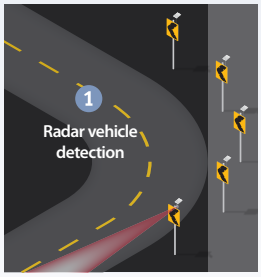


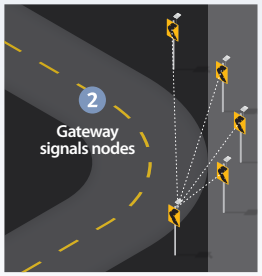
Radar module (vehicle speed sensor)

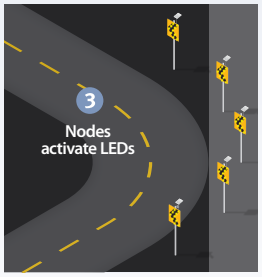
BlinkerBeam® gateway

3 BlinkerBeam® nodes trigger BlinkerChevron™ flashing LEDs

All BlinkerChevron™ signs in the system flash in unison or sequentially (depending on how the system is configured). This alternating or sequential pattern repeats for the pre-determined flashing duration.







BlinkLink™ Web-based Traffic Device Monitor & Control

Monitor BlinkerSign® and other ITS device status from any web-enabled computer with this optional software. Comprehensive management of all device settings, schedules and messages. Near-time information allows you to respond immediately to changing situations.

User-identified E-mail & Text Alerts

Select recipients for automated e-mail or text alerts based on battery levels dropping below pre-set thresholds.

Automated Data Analysis & Reporting

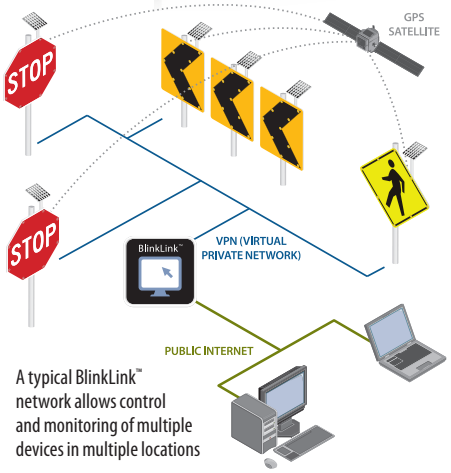
- Automatic data sort provides comprehensive reports
- Easily identify positive and negative trends for actions
- Prioritize your resources with instant information
- Quickly review histories of equipment and events

Traffic Data Retrieval & Management

- Automatically upload data for recall and subsequent reporting
- Systematic data organization for convenient review

Mapping

- View your equipment on an interactive map
- Review device status, reports and modify settings



A typical BlinkLink™ network allows control and monitoring of multiple devices in multiple locations

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MADE IN THE USA

GSA Contract Holder GS-07F-5924R GS-07F-0234U