



# PEDESTRIAN

## CROSSWALK SOLUTIONS



A pioneering force in the industry, TAPCO has been bringing cutting-edge traffic safety solutions to communities nationwide since 1956. We specialize in manufacturing, servicing and distributing an expansive portfolio of traffic and parking safety solutions, leading the way when it comes to expertise and innovation. Safety is at the heart of all TAPCO innovations — and our mission to save lives prospers in each of our products, from our LED-illuminated LegendViz® technology and Wrong-way Alert Systems to our groundbreaking pedestrian safety solutions.



### Unmatched Expertise

Our team has worked alongside traffic professionals for more than 60 years, providing us with an exclusive, knowledgeable perspective on the needs of the traffic safety industry: past, present and future.



### Innovative Technology

Traffic safety evolves — and so do we. We aim to continue at the forefront of the industry by embracing cutting-edge advancements and tailoring our solutions to meet our customers' needs.



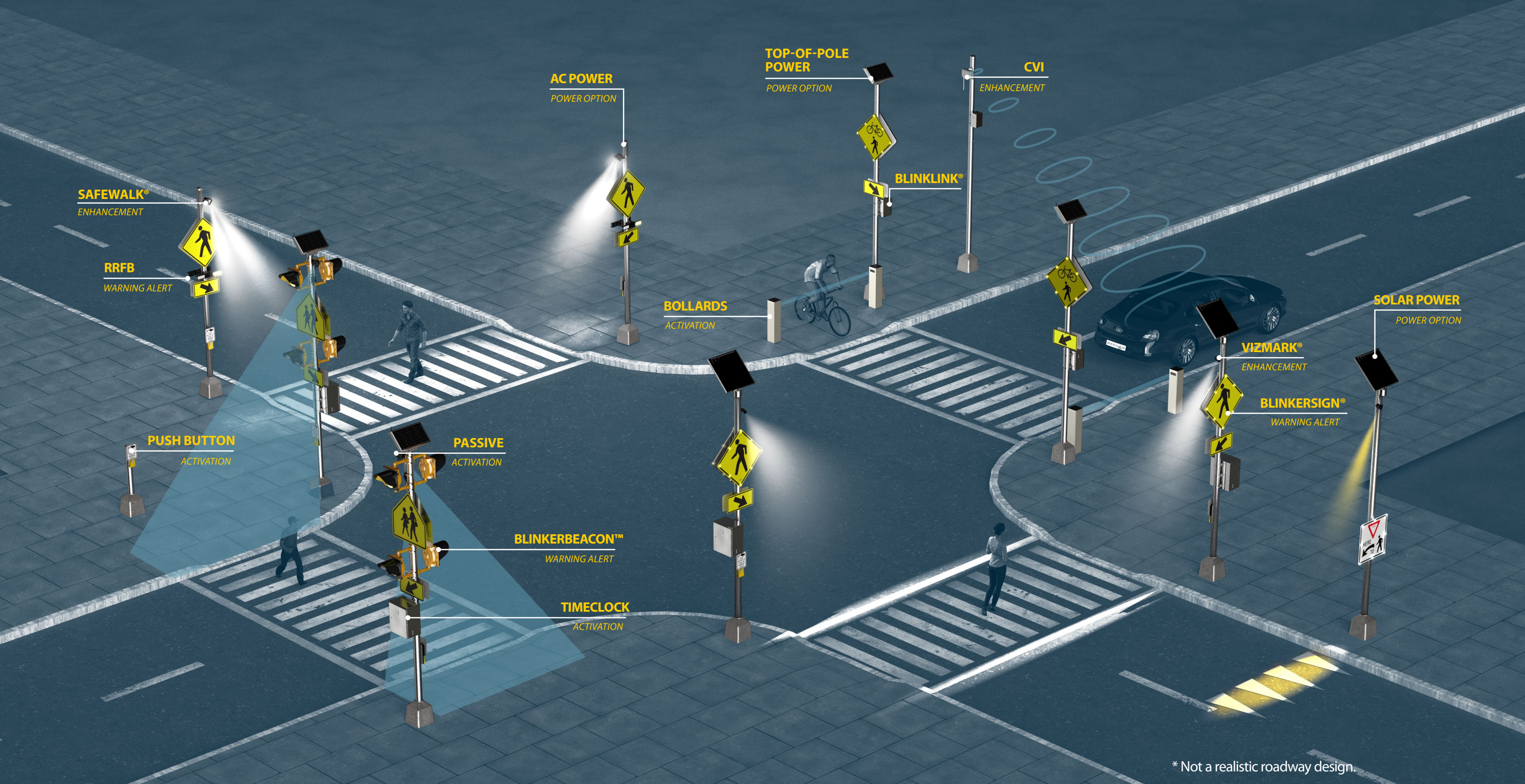
### A Nationwide Presence

Our expansive reach spans all 50 U.S. states — plus some regions of Canada, giving us valuable insight and an in-depth understanding of a range of community safety concerns and challenges.



### Award-Winning Culture

Drawing from our roots as a family-owned company, we have cultivated a collaborative culture at TAPCO that fosters innovation and instills a sense of pride. Our commitment to excellence is evident in our recognition as a repeat recipient of the Top Workplaces award.



\* Not a realistic roadway design.



**SYSTEM ACTIVATIONS 6-7**

Ensure pedestrians can alert drivers of their presence with user-activated and passive activations.



**WARNING ALERTS 8**

Learn how to increase driver compliance by adding warning alerts to any Pedestrian Crosswalk System.



**POWER OPTIONS 9**

Explore TAPCO's available power options to find the optimal fit for your system's configuration needs.



**ENHANCEMENTS 10-15**

Elevate pedestrian safety and situational awareness at any crosswalk with TAPCO-engineered enhancements.



**BLINKLINK® 16-17**

Remotely manage and schedule deployed Pedestrian Crosswalk Systems with TAPCO's cloud-based smart city platform.



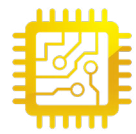
**PREVENTATIVE MAINTENANCE 18-19**

Learn how to optimize your system's performance and lifespan with TAPCO's hassle-free service plans.



**PROCUREMENT/ CONSULTATIVE HELP 20-21**

Talk to our experts on how we can meet your unique needs — from securing funding to identifying the right solution.



## SYSTEM ACTIVATIONS

TAPCO Pedestrian Crosswalk Systems offer a variety of user-activated and passive activation options, all designed to heighten driver awareness when pedestrians are present. Not only do our activations enhance pedestrian safety, but they also give pedestrians the ability to navigate confidently through any crosswalk.

### Push Buttons

Keep pedestrian accessibility top of mind with user-activated push buttons. The push button activation offers ease of use, along with audible and visual confirmation of its activation.

- ADA-compliant
- APS options available
- Wireless options available

### Infrared Bollards

Simplify pedestrian safety at any crosswalk with passive activations like infrared bollards. Vulnerable road users can simply pass between the bollards placed on either side of the crosswalk to activate the system's warning alerts.

- Ability to determine pedestrian direction
- Range of up to 40 ft.
- AC, solar and battery-powered options

### Time Clock

Ensure motorists always remain alert to the presence of pedestrians with alerts that operate on a scheduled basis. Ideal for locations with heavy foot traffic at recurring times, such as school zones.

- Compatible with PC and web-enabled devices
- Schedule up to 16 system activations per day
- Remote scheduling capabilities

### Passive

Reliably detect vulnerable road users entering the crosswalk, regardless of external conditions. The passive detection cameras ensure 24/7 detection to activate the alert system when pedestrians are present.

- Reliable detection in most weather conditions
- Easy integration with user-activated system options



## WARNING ALERTS

From arterial roadways to trail crossings, crosswalk visibility is a pain point for many communities. With so much activity on the road, static crosswalk signs can be difficult to see — especially from a distance. And even just one motorist failing to yield to pedestrians can compromise the safety of all roadway users.

TAPCO's LED-enhanced warning alerts are designed to increase roadway compliance and awareness by commanding driver attention. Our wide variety of alerts can be added to any system to heighten visibility and can be paired with any of our crosswalk activation options.

TAPCO's alert options include RRFBs, beacons and edge-lit warning signs, all of which can be paired with any new or existing pedestrian crosswalk system. Common applications include mid-block, uncontrolled and school zone crossings; however, alerts can be added to any crosswalk location to elevate safety.

**DID YOU KNOW?**

**RRFBs increase yield rates as much as 98 percent**



Brochure



## POWER OPTIONS

TAPCO offers various power options for flexible configuration, including Flex Power and Top-of-Pole Self-Contained Control Cabinets. Any system can be designed to fit your power or environmental needs.

Flex Power offerings include AC and solar power to provide flexible system configuration for multiple applications and power requirements, while also allowing easy access to control cabinets.

Top-of-Pole Self-Contained Control Cabinets are equipped with solar capabilities. Designed for quick installation, these power options blend seamlessly into the environment and bypass the need for trenching or in-ground wiring.

Throughout the selection process, TAPCO works closely with each agency to find the best fit for their system's power needs. As solar requirements vary depending on the unique needs and geographical location of each community, TAPCO conducts solar calculations to find the optimal power configuration for each system's solar package.



## VIZMARK® PAVEMENT MARKING ENHANCEMENT

Designed to maximize pedestrian safety at night, the VizMark® Pavement Marking Enhancement illuminates crosswalk and advance stop/yield lines. By providing an extra layer of visibility, the enhancement provides important context to motorists and helps them identify where to safely stop.

VizMark® can be added to any existing traffic sign or system to immediately enhance safety and help provide visibility to precise markings in up to four lanes of traffic.

## DID YOU KNOW?

**High-visibility crosswalks can reduce pedestrian crashes by up to 40%**

[According to the FHWA]



Video



Product Brief



## SAFEWALK® CROSSWALK ILLUMINATOR

Enhance any Pedestrian Crosswalk System with the SafeWalk® Crosswalk Illuminator. The illumination technology drastically improves pedestrian visibility in poor weather conditions and evening hours.

SafeWalk® can be paired with any crosswalk system and activates in tandem with the system's warning alerts. The illuminator is ideal for highly-trafficked areas such as school zones, parks, libraries and shopping centers.

## DID YOU KNOW?

**77% percent of pedestrian fatalities occur in the dark**

[According to the NHTSA]

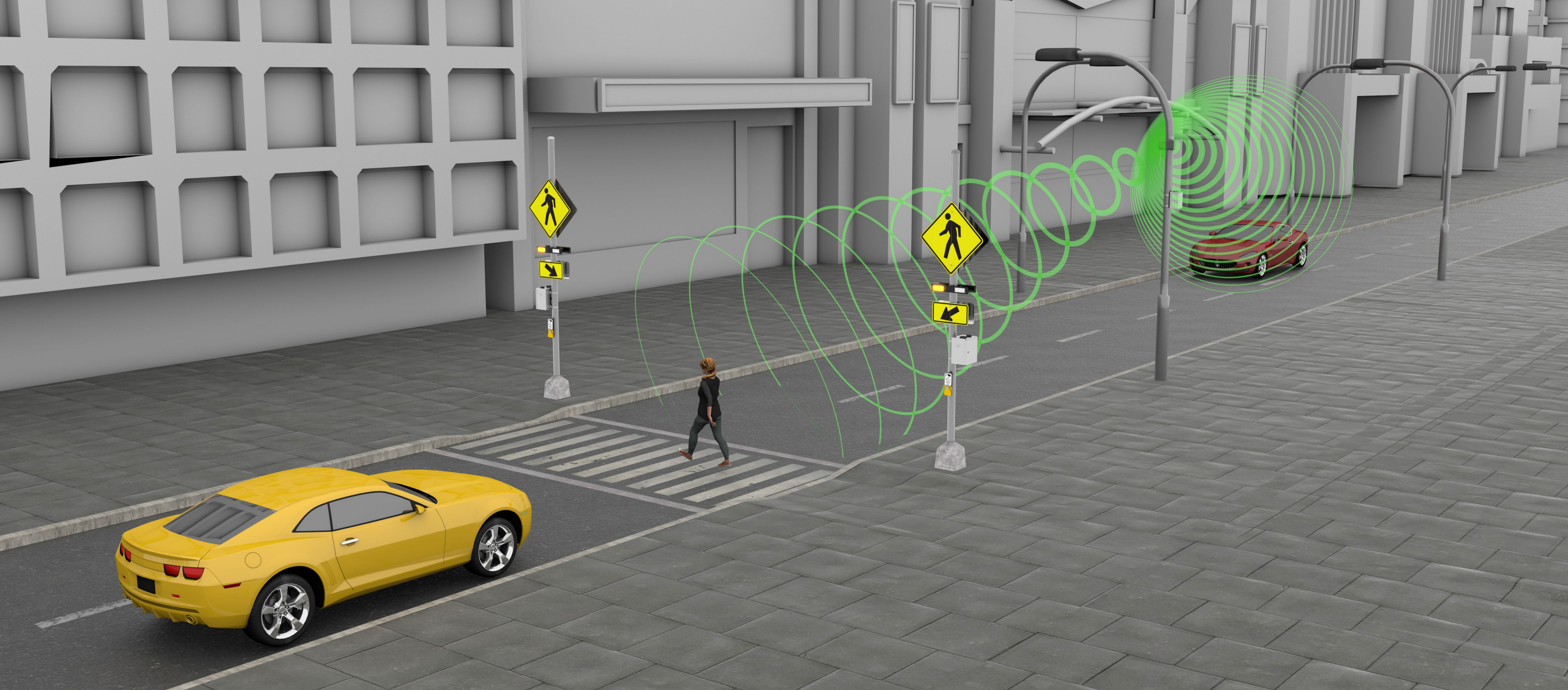


Video



Product Brief

The technology behind SafeWalk® has proven to illuminate vulnerable road users in low-light conditions beyond traditional street lighting.



## CONNECTED VEHICLE INTERFACE (CVI)

TAPCO's Connected Vehicle Interface (CVI) is designed to seamlessly connect with any Pedestrian Crosswalk System to deploy in-vehicle alerts. Once the system is triggered, the CVI establishes communication between the crosswalk system, the RSU and the vehicle's on-board unit (OBU) to activate the approaching motorist's in-vehicle alert. By providing another level of warning, TAPCO's CVI elevates situational awareness and driver response to create a safer roadway experience for all.

## DID YOU KNOW?

TAPCO's CVI won the 2019 New Products Innovation Award, presented by American Traffic Safety Services Association (ATSSA).

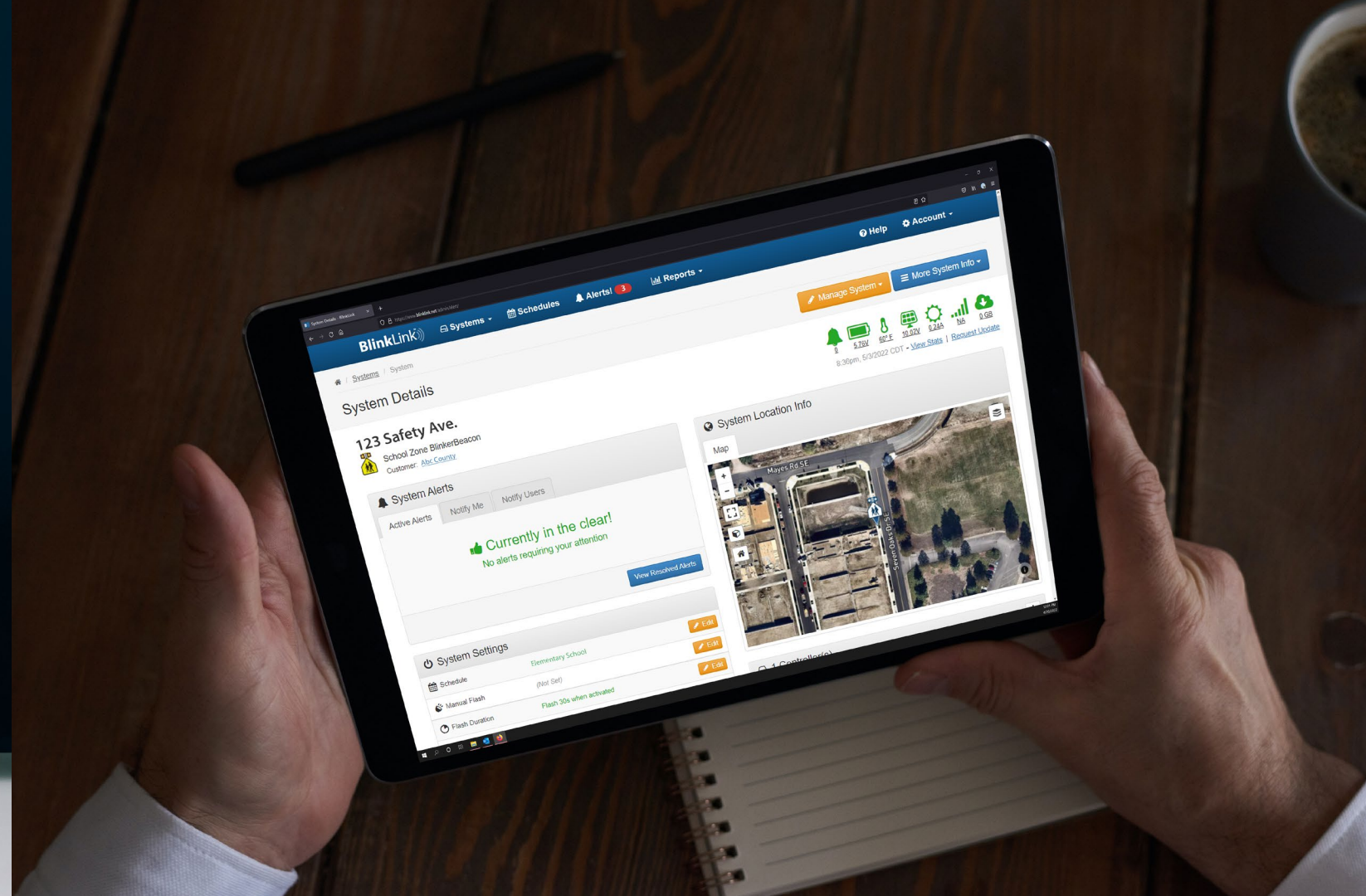
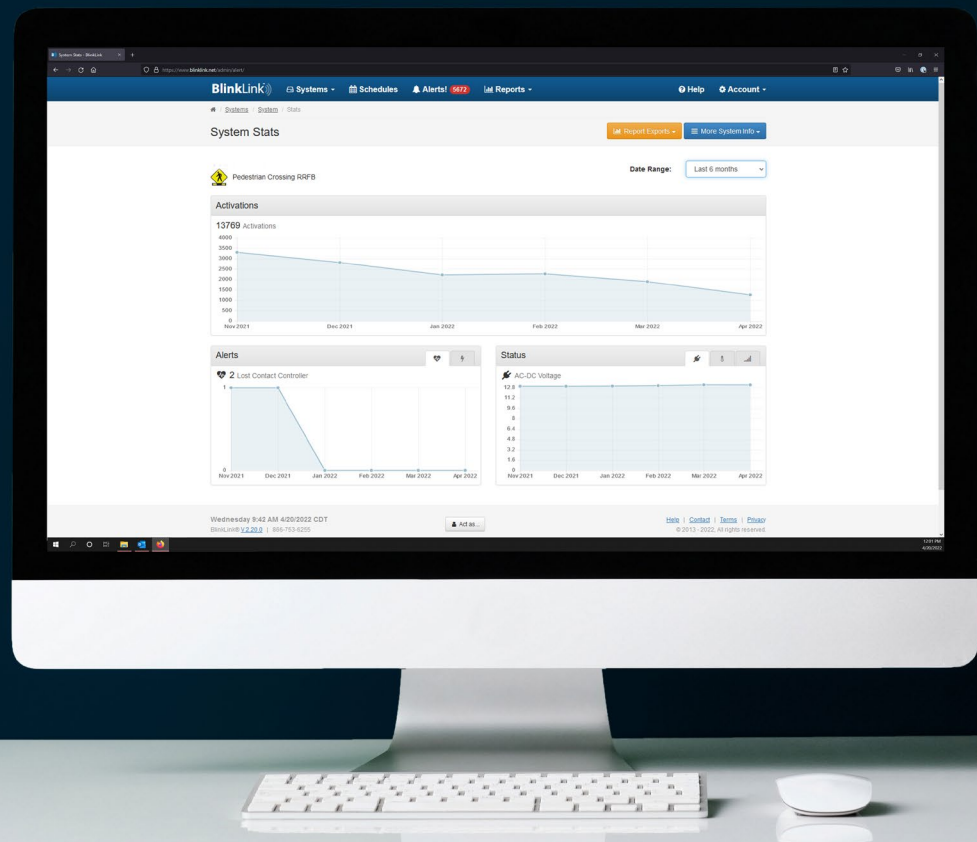


Video



Product Brief





# B BLINKLINK®

## Managing any community's Pedestrian Crosswalk Systems can be time consuming.

Software like BlinkLink® — TAPCO's smart city platform — is designed to make traffic system management easier. The cloud-based application gives agencies the ability to remotely manage, monitor, schedule and quantify their crosswalk system deployments and system-wide time clocks.

By providing real-time data in one place, BlinkLink® users can quickly identify system issues, maintenance needs and activation trends. Once a problem is identified, BlinkLink® immediately notifies transportation officials via voice, email or SMS alerts. With additional capabilities such as image/video capture and livestreaming, BlinkLink® provides vital data to not only act quickly in the event of an emergency, but also can identify future infrastructure improvements through activation trends.



Brochure



**The cool thing about BlinkLink® is that it has its own diagnostics that will come through and send emails. I don't even have to go to BlinkLink®, it comes to me.**

— Buck Hodgkinson, Senior Field Service Technician at RIDOT



BlinkLink® is compatible with all TAPCO Intelligent Warning Systems, including Pedestrian Crosswalk Systems. Other features include:

- Third-party software integration
- Controller-based mapping
- Custom reporting
- Accessibility via any web-enabled device



Video



## PREVENTATIVE MAINTENANCE

**Caring for a Pedestrian Crosswalk System extends beyond procurement and installation.** Servicing a system can optimize performance and extend lifespan, making it a vital step in maintaining any community's systems. TAPCO offers service agreements to accompany any crosswalk system installation or supplement existing deployments.

TAPCO's preventative maintenance plans provide continued care of any traffic system, including scheduled visits and warranty extensions. Once a system is installed, TAPCO customers can "set it and forget it," with experienced service technicians available to provide next-level service for years to come.



Video

Preventative maintenance contracts are available for any TAPCO Pedestrian Crosswalk System. Additionally, TAPCO offers customized contracts to supplement resources for non-TAPCO traffic systems and equipment, ensuring peace of mind for any deployed system. Standard services include scheduled visits to perform inspections and testing, complete system updates with provided comprehensive documentation after each visit.

Other benefits of a TAPCO service agreement include:

- Discounted BlinkLink® subscription
- Discounted equipment packages
- Maintenance contractor technical support
- Customizable agreements



## PROCUREMENT

TAPCO ensures the buying process is as easy and fair as possible. By offering the option to purchase products through purchase agreements, TAPCO ensures that communities nationwide can access high-quality traffic safety solutions at an affordable price.

[Purchase agreements and contracts](#) offered by TAPCO include national cooperative contracts through [Omnia Partners](#) and federal contracts through GSA. These partnerships are designed to streamline the purchasing process, allowing transportation officials to obtain the solutions they want. Not only do purchase agreements save time and money, but they also provide transparency and peace of mind throughout the buying process.

Additionally, TAPCO has partnered with select programs to provide contracts on a state level. By offering solutions that adhere to regional standards, these programs simplify the procurement process for state agencies and give them the ability to enhance safety in their communities.



## CONSULTATIVE HELP

Each roadway network is set up differently — and it can sometimes be difficult to identify the most suitable fit for a community's pedestrian safety needs. TAPCO offers consultative help to communities seeking the best solution for the problem facing their roads. During the consultation process, TAPCO's experts gather information about specific needs, infrastructure characteristics and more to assess the situation and recommend a right-fit solution.

TAPCO understands that the one-size-fits-all approach isn't always suitable, which is why engineered-to-order options are available to address specific roadway safety needs. TAPCO's deep understanding of the industry paired with 60+ years of experience ensures the team of experts is equipped with the knowledge to select the optimal technology for their crosswalk system, carefully considering factors such as accuracy, reliability and compatibility for the best possible fit.



(800) 236-0112 [TAPCO.net](https://www.TAPCO.net)

