



Company Update

November 12, 2024

Introducing the revolutionary Wireless Ped System™

GREENVILLE, Texas—Polara Enterprises (Polara) is excited to announce the launch of its latest innovation for the transportation industry: the [Wireless Ped System™ \(WPS\)](#). Developed to support cities in meeting the PROWAG (Public Right of Way Accessibility Guidelines) requirements, this groundbreaking product enables rapid, cost-effective installation of [Accessible Pedestrian Signals \(APS\)](#) at intersections, making crosswalks accessible for visually disabled pedestrians without the need for extensive construction.

To meet [Americans with Disabilities Act \(ADA\) and PROWAG standards](#), the placement of APS buttons may require significant infrastructure changes, such as new wiring, trenching, and pole foundations. The new WPS uses solar and secure Bluetooth® technology that eliminates these obstacles, allowing an APS to be installed without running new wires or altering existing concrete and asphalt. This means cities can retrofit intersections with APS quickly—turning a multi-month project into an afternoon’s work. The solution minimizes disruption to traffic flow and existing infrastructure, saving up to 65% in labor and construction costs.

By offering an innovative, wireless solution, the WPS allows traffic engineers to install APS push buttons that provide visual, audible, and vibrotactile feedback, which communicates the pedestrian signal state, ensuring visually disabled pedestrians can safely align themselves with the crosswalk.

“Cities today are working hard to provide accessible, PROWAG-compliant infrastructure, and the WPS is a game-changer in helping them achieve these goals,” said Ryan Macias, Vice-president, Applications Engineering at Polara. “With the WPS, transportation departments can now deliver critical accessibility improvements that align with federal guidelines, in a fraction of the time and cost, enabling safer streets for all.”

The Wireless Ped System is now available for deployment, offering cities an efficient, practical solution to increase crosswalk accessibility while keeping infrastructure investments manageable.