



Piper Ultra Wideband Technology Overview

Piper's UWB positioning technology is built specially for the transit industry. In New York City, the MTA can use Piper technology to accelerate the upgrading of train control signaling systems, enhance worker safety, and improve headways in order to move more riders each day.

02. Positioning

Piper onboard sensors communicate with track-side radios many times each second to determine accurate distances within a few inches.

03. Computing

Piper onboard computers use the positioning data to calculate the location of the train along the track and feed that information into the train control system.

01. Installation

Piper equipment is small and easy to install - helping put trains back into service faster with less downtime.

04. Smart Use of Data

Piper's UWB system can also be used for many operational functions including track worker safety, work train and equipment location, and fleet management.

Benefits of Piper Transit Technology

Pinpoints the location of trains down to a few inches.

Improves headways allowing trains to run closer together and more frequently.

Provides advanced track worker protection functionality.

Accelerates the installation times and performance of CBTC and PTC.

Tracks work trains and equipment for improved maintenance.

Learn more at pipernetworks.com

