Public Transportation Company Goes Wireless with TerraWave Solutions®

Executive Summary

Company Focus

- Provides public transportation in a city with a population of over 450,000. In its 30 year history, they've provided over 3 billion rides on their trains and buses

Business Challenge

- Needed to deploy a wireless MIMO solution in outdoor locations at multiple locations
- Wireless network equipment needed to be compatible with Cisco CleanAir AP 3502e

Solutions

- 12x10x6 Polycarbonate Enclosure with Solid Door, Universal backplate, CAT60 Lock
- 802.11n 2.4/5 GHz MIMO Omni Antennas, Dual Band Leads

Benefits

- Uses Cisco CleanAir technology for maximum optimization of the wireless network
- Wireless system helped company launch new state-of-the-art fare collection program that improved customer service & efficiency

Challenge

A major metropolitan public transportation company was replacing their fare card system from tokens and magnetic stripe cards with a high-tech fare collection system that would use interactive vending machines and card readers that would allow passengers to just touch their fare card to the reader to gain immediate access to the train platforms and buses. They needed a solid wireless system to not only achieve the goals of this new initiative but also to provide wireless service at the train stations.

Solution

The company chose TerraWave Solutions MIMO antennas and enclosures to integrate with the outdoor wireless technology, which included Cisco CleanAir access points. The equipment was installed throughout the city at different stations. The new wireless system helped the company provide more efficient service to customers and employees city-wide. The antennas were made to withstand exposure to the elements and the enclosures protect the access points from corrosion, dust, rain and extreme temperatures as well as tampering or theft. The public transportation company experienced a seamless transition to the new system and are reaping the benefits of a more reliable and efficient wireless infrastructure.

12x10x6 Polycarbonate Enclosure with Solid Door,

802.11n 2.4/5 GHz 6 dBi Outdoor MIMO Omni Antenna, Dual Band Leads

For detailed product information and to purchase product, please contact a TerraWave Solutions wireless networking solutions sales engineer at 210-375-8482, 800-851-4965, sales@terrawave.com or visit www.terrawave.com.

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