



Anywhere

SUCCESS STORY



Taoyuan City Government

Wireless Mesh Connectivity for Smart lamp Pole System

Overview

As the home to many industrial parks and tech company headquarters, Taoyuan is the fourth-largest metropolitan area in Taiwan. With the largest international airport in Taiwan and easy commuting to the Taipei metropolitan area, Taoyuan has seen the fastest population growth of all cities in Taiwan.

To cater for the diversified needs of the growing population, Taoyuan City Government introduced the Smart City Elite Project aimed to transform the city into a livable, convenient, and more attractive smart city for its citizens.

The smart lamp pole is introduced to provide street lighting that adapts to movement by pedestrians, cyclists and motor vehicles. IP cameras, sensors, and digital signage boards are also installed on the lamp poles for public safety, environment monitoring and public announcements respectively.

A cloud-based IoT platform is dedicated to process all the data collected. As the smart lamp poles are placed in various locations in the neighbourhood, not all of them are connected to the main backhaul network. Anywhere Networks' Intelligent Connectivity Anywhere® technology comes in handy when trenching and cabling in a developed area is not an economically viable option. to all the areas where video surveillance was needed.

Customer

Taoyuan City Government



Partner

Chunghwa System Integration



中華系統整合
中華電信關係企業

Deployment Location

Taoyuan, Taiwan

Application

Smart Lamp Pole for Smart City

Product Deployed

Anywhere Network Node
X20 Series

The Challenge

- One of the largest metropolitan areas, growing population
- Making Taoyuan a safe, convenient, and more attractive smart city for its citizens.



The Solution

- Deploying connected street lights as infrastructure of the city
- Cost-effective Innovative 3D Lighting
- Consolidated Integration: IOT gateway, LED light and fish-eye IP camera, sensors, high-security wireless mesh system
- All IoT devices are under unified and consolidated management system
- Data Collection for all types of data and video streaming



"We are thrilled to experience the way your Intelligent Connectivity Anywhere technology has made a difference for our city. Our smart street light infrastructure allows us to manage volumes of data easily and respond rapidly and cost-effectively to any extraordinary situation."

The Benefit

- Street lighting adapt to movement by pedestrians, cyclists and motor vehicles.
- IP cameras, sensors, and digital signage boards provide monitoring capabilities and data analytics for public safety, environment changes and public announcements
- Economically viable solution allowed Taoyuan City Government to manage major city activity and effectively manage and be proactive in critical situations.



Anywhere Networks

Anywhere Networks is a leading Wireless Mesh Technology company offering scalable, high-capacity and secure network solutions and services for Smart and Safer City Applications with a focus on public safety, Internet of Things (IoT) connectivity, video surveillance, transportation networks and industrial environments for provinces, governments, industrial and enterprises. **Anywhere Network Node A-NN** is our flagship product line of ultra-high performance industrial-grade wireless products, its full mesh capabilities designed for flexible and expandable deployments regardless of physical constraints. The entire network is managed by **Anywhere Network Manager A-NM**, a Provisioning and Centralised Network Management Software and Platform of all-in-one dashboard for configuring, monitoring, and managing AN network and devices.