Anywhere

Moreton Bay Regional Council

Wireless Surveillance System Upgrade for a Safer and Smarter City

Overview

Moreton Bay is located north of the Brisbane metropolitan area in South East Queensland, Australia. The Moreton Bay Regional Council recently appointed AFN Solutions (subsidiary of Telstra Corporation Ltd.) to deploy IP Surveillance Cameras as part of its SafeCity initiatives.

Moreton Bay is the third largest local government area in Australia with a population of 425,000. The regional council has been using a wireless network for their surveillance system in Caboolture, Deception Bay and Strathpine for years, however with the advancement of IP camera technology, the network is unable to accommodate the vigorous bandwidth needs of HD and 4K network cameras.

After a rigorous selection process, AFN Solutions identified and selected Anywhere Networks' X20 network nodes to provide the wireless links for the IP surveillance cameras as well as the wireless backhaul to the Council's command centre.

With Anywhere Networks' Connectivity Technology, Moreton Bay Regional Council is able to easily upgrade their aging outdoor wireless infrastructure which can provide superior throughput to support the latest IP cameras with higher resolution and quality. With the success of the three sites, this council is looking to implement more wireless surveillance projects to other neighbourhoods which have infrastructure cabling challenges.

Customer
Moreton Bay Regional Council

Moreton Bay Regional Council

Partner
AFN Solutions

AFN SOLUTIONS   POWERED BY

Deployment Location
Moreton Bay Region
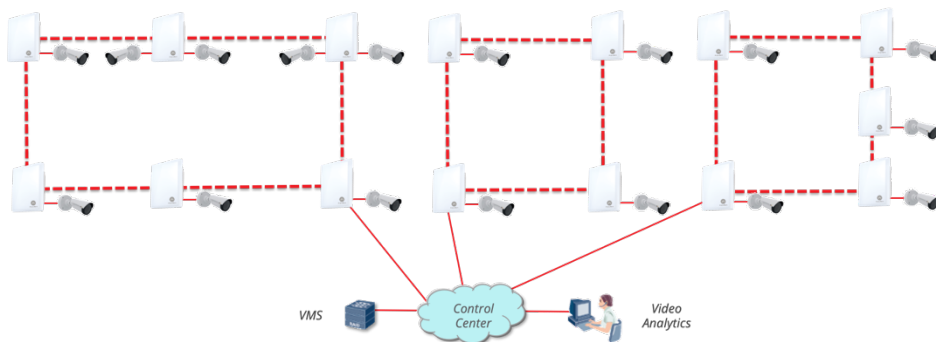Queensland, Australia

Application
HD Surveillance for Safe City

Product Deployed
Anywhere Network Node
X20 Series

The Challenge

- The existing wireless surveillance is dated and not performing well to current video quality standards
- High bandwidth requirements to support the latest high-resolution IP cameras
- Minimize civil works for the peace of the residential area as well as substantial cost savings
- Fast network redundancy fail-over
- High surge protection required for the wireless equipment

Many challenging video surveillance locations without networking cabling solved by using AN

The Solution

- High reliability wireless network built with Anywhere Network Node - A-NN X20
- Flexible wireless network extended from existing wired network points
- Around 20 nodes deployed in 3 sites with more in progress
- More than 50 IP cameras connected to the core networks for traffic monitoring and public safety purposes

The Benefit

- A-NN X20 delivers best-in-class multi-hop throughput, despite high interference environment such as next to a train station
- Fast deployment and project completion so that the surveillance system is up and running within weeks
- Negligible latency and packet loss for PTZ camera control
- Fast failover recovery time to ensure a resilient system

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 Node 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.

For more details, please contact sales@anywherenetworks.com