

Public Safety

Technology is playing an ever growing role in our fight against terror and crime. The use of video surveillance cameras, which delivery real-time information using data networks, allows public safety officials to respond quickly and effectively to any situation. However, camera locations often prohibit the choice of wire-line connectivity and mandate the use of a wireless solution.



The challenge is to create a wireless solution that can meet the strenuous capacity, latency and jitter demands of a video network.

Netronics solution for public safety creates a high capacity network that offers high quality service and superior resistance to interference. The solution is based on Netronics NetPoint Pro Wi-Fi base stations, which utilize Netronics unique beamforming technology.

The beamforming technology enables the NetPoint Pro Wi-Fi base station to focus the energy transmitted to and from the Wi-Fi client this resolves a high percent of the interference factors. Additional interference mitigation is achieved using Netronics unique Dynamic interference handling (DIH), which constantly adjusts to deal with varying interference conditions.

Key Benefits

- Traffic from multiple cameras can be supported using a single NetPoint Pro base station, which reduces the investment in infrastructure
- Support for Wi-Fi Protected Access (WPA2) to ensure the highest level of 802.11 Wi-Fi security
- Low cost of ownership for infrastructure deployment as well as maintenance

Using Netronics NetPoint Pro it is possible deploy the wireless network with significantly less base stations. Remote locations can also be served due to the extended network coverage. This makes Netronics wireless solution a viable choice for video surveillance networks.

