

# Municipalities

- Municipal Wi-Fi coverage
- Building connectivity of city hall, library, offices, local police etc.
- Building coverage
- Video surveillance
- Traffic control
- Access to mobile workers
- Aggregation to meter reading



By creating their own access network, towns are able to save on high leased line expenses. Municipalities need to save on infrastructure set up costs, where wireless networks have an inherent advantage.

However, municipal networks are required to provide as wide coverage as possible in order to cover the entire territory. In addition, high capacity network is required in order to handle several applications simultaneously.

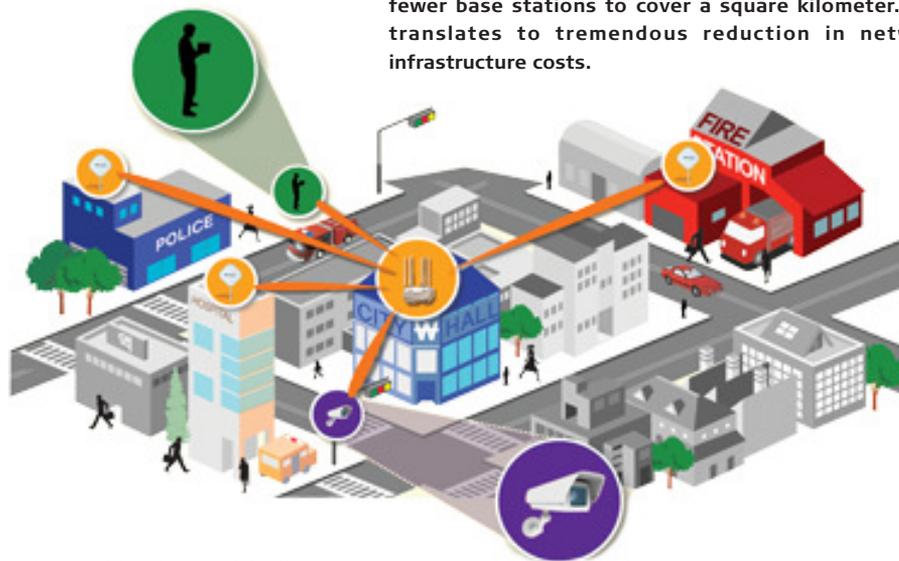
Netronics solution for municipalities creates a high capacity network with extended coverage. The solution is based on Netronics NetPoint Pro Wi-Fi base stations, which utilize Netronics unique beamforming technology. The uniform coverage provided by the solution provides connection for every device, mobile worker or security personnel throughout the municipality.

## Key Benefits

- Low cost of ownership for infrastructure deployment as well as maintenance
- Multiple applications can be supported on a single, broadband network
- Improved coverage with NetPoint Pro base stations, which provide 3 times the coverage than of conventional AP
- Easy installation requiring minimal alignments in difficult-to-reach places such as light poles

Municipalities are often able to utilize strategic building such as water towers and public buildings to place the NetPoint Pro base stations. These strategic locations can provide even better network coverage.

The efficient coverage, offered by Netronics spatially adaptive, beamforming technology requires significantly fewer base stations to cover a square kilometer. This translates to tremendous reduction in network infrastructure costs.



Spare network capacity can be used by the municipality to provide wireless internet access to its citizens, as a complementary service. This type of gesture goes a long way in people's perception of their municipal service.