

Building Greener, Safer, Smarter Communities

Around the world, Tropos Networks leads the way in helping cities increase the efficiencies of their mobile workers, reduce operating costs and improve communications. Tropos has helped deliver the benefits of metro-scale wireless IP broadband to over 500 cities worldwide. We can share our success stories with you, and work with you to make your community Greener, Safer, and Smarter.



Automated Utility Meter Reading (AMR)

Greener

AMR for electricity, water and gas provides centralized monitoring and management of meters, reducing operational costs, improving meter reading accuracy, and enables faster and more accurate identification and pinpointing of the location of problems.

Tropos Customers

- Corpus Christi, Texas expects to save \$30 million over the next 20 years with their AMR system for gas and water.
- Anderson, Indiana expects to save \$18 million over the next 15 years with their AMR system for water and electricity.

Improving traffic flow, reducing vehicle emissions, and synchronizing the timing of traffic signals to prioritize traffic for public transportation and emergency vehicles, are just a few of the application and benefits of an ITS system. In addition, video applications can be added to the network for traffic observation as well as use by public safety.



Intelligent Transportation Systems (ITS)

Tropos Customers

- Tucson, Arizona gathers real-time information on traffic and pedestrian activity in order to optimize traffic light settings for various days and times. The city saves \$200,000 per year in telecommunication fees vs lease lines.
- Edmonton, Alberta helps buses to keep on schedule by using priority request generators on the buses; traffic lights at intersections are alerted when a bus is approaching so that the lights can be changed to allow the bus through quickly.



Public Safety

Safer

For mobile police, fire, and emergency medical service workers, fast access and response is critical and can mean the difference between life and death. The ability to quickly access information and communicate from the field to other public safety personnel is crucial. Both fixed and mobile video surveillance can be accessed to extend the protective reach of public safety personnel.

Tropos Customers

- Ponca City, Oklahoma has increased the efficiencies of its police officers, enabling them to spend significantly more time in the community rather than at the precinct.
- In Tucson, Arizona, a telemedicine system delivers live video and patient vital information to emergency room doctors while patients are en route, enabling doctors to gain advance knowledge about a patient's condition.

Smarter

City after city is showing that productivity increases when public employees are able to access the same resources from the field as they can in the office. A metro-scale wireless broadband network allows employees to increase effectiveness by providing access to the applications and information they need to get their job done efficiently – wherever they are, without returning to their office. Cities use Tropos to enable mobile workers to file paperwork, obtain schedules, access information such as street maps, building plans, permits and codes, and more...



Mobile City Operators

Tropos Customers

- St. Cloud, Florida is issuing work orders directly to crews in the field, saving them from returning to the city yard to get their next assignment.
- Oklahoma City, Oklahoma building inspectors submit inspection reports from the field, often enabling same-day approvals, speeding construction project completion and reducing costs.

Tropos - Building a Community Foundation

Cities around the world are recognizing that a wireless IP broadband network is a foundation upon which they can build multiple applications that benefit their community and improve the quality of life. To learn more about how Tropos can help you build a Greener, Safer, Smarter Community, please contact us at: info@tropos.com.

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