



Netronics: Empowering Your Community



Leave politics out of the equation; when it comes to the success of local government, the only true benchmark for public satisfaction is quality of life. From small rural townships and large counties to the sprawl and bustle of urban centers, maintaining the integrity and comfort of “the Community” is a complex sequence of challenges.

Municipal Application



Netronics in the Municipality: Wire less. Do more.

Making it all work depends on efficient communications networking among a large variety of players, including major utility companies, law enforcement agencies, educational institutions, traffic control, sanitation and public health services, and more. Employing Netronics broadband wireless communications equipment in the municipality overcomes networking obstacles, transcends departmental boundaries and builds bridges to seamless interoperability – exactly what local government is mandated to do in the service of the public’s best interests.

Government departments that work together over a single integrated network achieve greater results. Wireless is an enabling technology that empowers communities with the ability to own a versatile, cost-effective and robust network infrastructure that addresses complex communication challenges with straightforward solutions. It eliminates the exorbitant recurring costs of leased lines and empowers municipalities and the communities they serve with the ability to own a robust, future-proof network capable of delivering myriad services to a wide variety of users.

Deploying Netronics wireless systems enables every vital link in the community service chain to communicate, share mission critical data and access information in real time. Wireless makes the community infrastructure a well-oiled machine, rendering every municipal player transparent to its dependent counterpart. It facilitates collaboration; eases inter-departmental cooperation; eliminates wasted manpower hours and bureaucratic snags; and enables the attainment of better efficiency and result-oriented services for all.

Netronics systems benefit communities on many levels, from how their neighborhoods are protected (surveillance and law enforcement) to how their children are educated (distance learning programs and remote access to libraries) to how smoothly they get to work every morning (intelligent traffic control). Deploying Netronics broadband wireless solution in areas where broadband services are simply not available changes the entire character of the community. Residential neighborhoods can enjoy broadband Internet access connectivity; suburban commuters can also work from home and download vital files and applications from their enterprise’s server; and local businesses can stay local while simultaneously hooking up to the world of global commerce.



Wireless is the missing
Win-Win piece
in the community
communications puzzle.

Netronics Broadband Wireless Offering: Boosting communications in the community

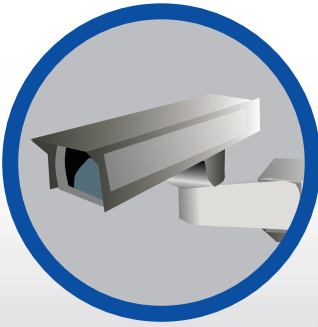


Coverage extension

Wireless is the great equalizer, offering possibilities as limitless as the imagination. The technology and equipment easily apply to extending broadband access to remote residents, surveillance feeds from inner city highways or external freeways for better traffic control and crime prevention; municipal inter-agency connectivity; and the creation of a streamlined and efficient regional network.

The significance of this last point cannot be emphasized enough. Easily deployed wireless systems are often the only viable means of extending basic and advanced communications services to smaller satellite townships that are beyond the reach of the nearest E1 infrastructure – both physically and fiscally. Hooking them up to wireless means that they can enjoy a more open and flexible dialog with the municipal service departments in the greater community in their area – at a fraction of the cost of landline rollout. Moreover, smaller schools and remote college campuses can be easily connected to their larger counterparts, enabling an education system with a broader reach and the launching of e-Learning services.





Public safety

Connecting all the links in the public safety chain is a formidable task. Law enforcement agencies, fire fighters and rescue workers, Emergency Medical Service (EMS) professionals and more depend upon robust inter-departmental communications for it all to work effectively. Netronics industry-leading wireless systems link them all together in a network that is independent of landline infrastructure. They enable real-time, mobile broadband access to critical databases, seamless voice services, live video feeds from geographically-spread surveillance cameras and a host of other services. Wireless literally creates a new and more efficient paradigm for public safety agencies to work together, save costs and significantly utilize existing manpower more effectively.



Monitoring services

Next generation efficiency systems, such as ITS (Intelligent Transportation System) and AMR (for Automated Meter Readings of water and electric utilities) are ultimately only as deployable and effective as the communication network that enables their data distribution. Netronics wireless network delivers on the promise of these new monitoring systems by providing an instant infrastructure for relaying data and images back to a central control center.



Building connectivity

Municipal agencies typically occupy a large number of buildings scattered in various places throughout a city or township, creating a networking nightmare and leaving many offices helplessly outside the loop. With a wireless system installed, geographic limitations and being out of reach of infrastructure are no longer issues. Budget planners can look forward to cost-efficient one-time investments and none of the expensive recurring costs associated with leased lines, taking a responsible pay-as-you-grow approach. Need a building connected to the municipal communications network? Simply install an inexpensive wireless unit at the site and a world of possibilities opens up. Everyone in the municipal equation can be part of the network loop and have access to critical data, application sharing, Internet access and more.



Infrastructures

Netronics wireless systems provide robust, flexible and fully independent communications networks not only for public buildings but also for municipal public service agencies, such as water and electric utilities; sanitation fleets; public transportation vehicles; and health, building and zoning inspection teams.



About Netronics

Netronics® is a leading designer and manufacturer of networking and communications equipment based in Vancouver, Canada. Our product portfolio consists of data and voice communications and networking equipment based on the latest radio and wireless communication technologies.

Netronics have provided its market with high quality and highly reliable carrier class equipment serving the different market sectors from large government organizations, to enterprises in oil and gas and banking sector, to telecom service providers, and down to small Internet service providers.

As a provider of wireless communications and voice/data transmission equipment needed for today's bandwidth thirsty market, Netronics have successfully leveraged its technical knowledge in provision of connectivity to urban and rural areas in many developing countries, where wireless communications is the most suitable connectivity solution.

Our rich portfolio includes the performance leading NetMAX, the complete WiMAX solution with migration path from Wi-Fi to WiMAX.

The high throughput and extremely reliable NetLink F series and the low cost and feature-rich NetLink L series made it possible for our clients to provide high availability high speed solutions to their users with one of the best price/performance ratios in the market.



www.netronics-networks.com

Netronics Technologies Inc.

600-15 Allstate Parkway
Markham, Ontario, L3R 5B4,
Canada

Tel: + 1 (905) 415 4585
Fax: + 1 (416) 352 5720

Middle East Office

P.O.Box 29650, Dubai, U.A.E
Tel: + (9714) 319 92 64
Fax: + (9714) 319 92 65



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The following field-proven Netronics systems are ideal for improving municipal communications
NetLink F, NetLink MP, NetMAX™, NetPoint, NetStream.