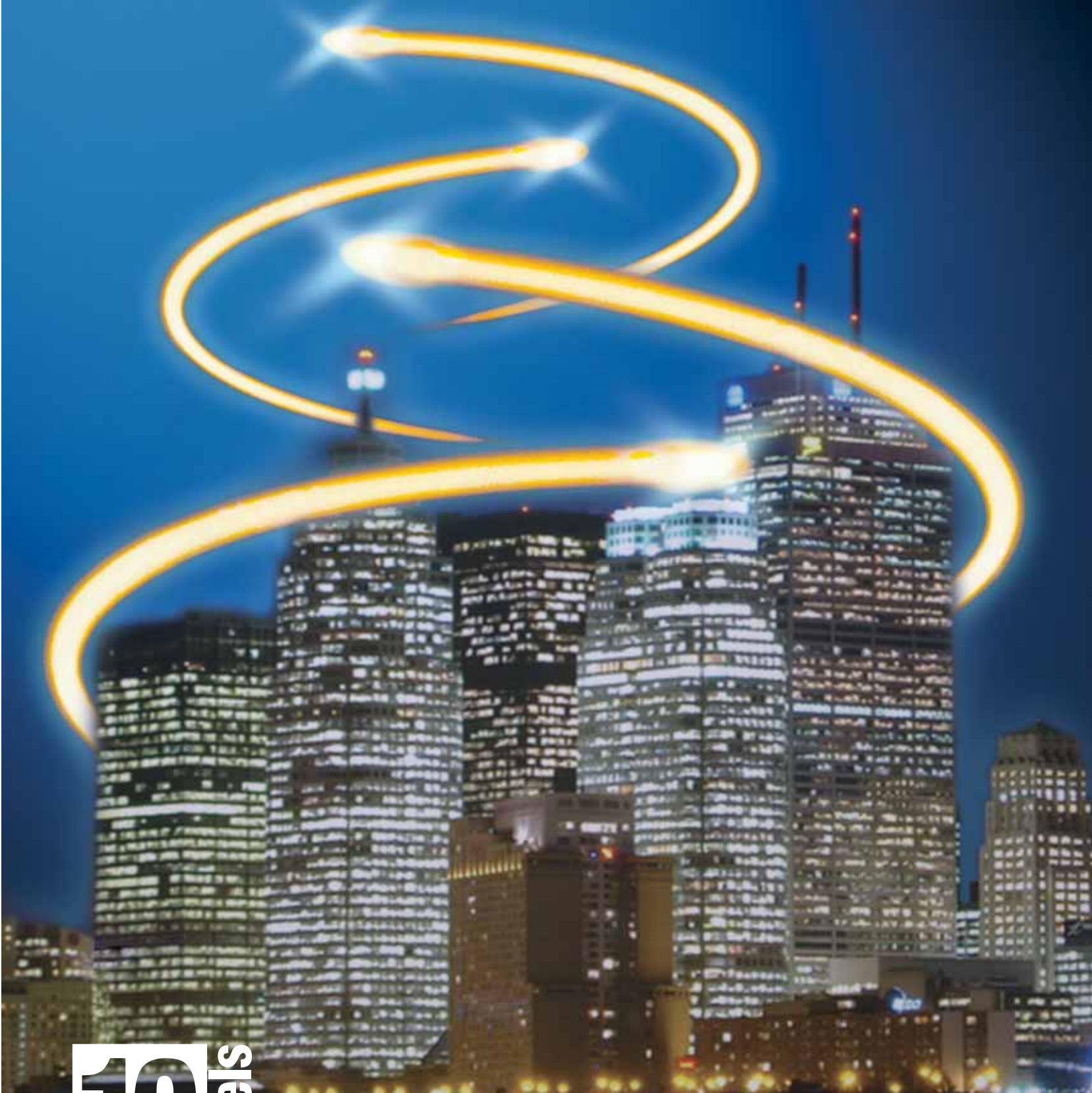


# SMARTOWN



**10** Levels

Takes The Risk Out  
Of Integration

**METRO WI-FI/WIMAX SOLUTION**

# SMARTOWN 10LEVELS METRO WI-FI/WIMAX SOLUTION

Wireless networks are gaining momentum as hundreds of municipalities plan and implement Wi-Fi/WiMax networks for public Internet access, public safety, business communications and more.

10Levels Metro Wi-Fi/WiMax solution is well-suited for both urban and rural areas wireless deployment requirements. It provides always-on, broadband Internet connectivity and enables taking advantages of a range of applications which are IP-based.

Surveillance of remote sites by means of IP-based video cameras (similar to CCTV), traffic control, video-conferencing between municipal offices and voice over IP can be implemented. Furthermore, other forms of broadband communication between departments for example, electricity, traffic and fire, can greatly contribute to service delivery, including enhanced public safety and access to municipal records and information.

Another solution highlight is the ability to remotely read utility meters. This ability not only dispenses with the problems of owners being out when the meter needs to be read, it also allows detailed usage profiles to be generated and so aids predictions of demand.

10Levels provides a robust and scalable platform that operates on low total costs of ownership and substantially reduces infrastructure and operating costs. The network is designed and built with many different users and services in mind, mainly the citizen centric services.

Efficient administration and responding effectively to the individual needs of citizens, and providing low cost Internet

access will ultimately help increase citizen satisfaction and economic development.

## KEY BENEFITS

- \* Well-suited for both urban and rural areas
- \* Delivers quadruple play services ( wireless voice, data and video transmission)
- \* Cost-effective and easy to deploy
- \* Simple-to-use equipment that requires minimal maintenance
- \* Customized overall network plan and design, ensuring optimal coverage and both safe and secure data transmission
- \* Scalable and upgradeable
- \* Centralized management
- \* Network Operations Center

## KEY SERVICES

- \* Wireless meter reading for utilities such as, water, electricity and gas
- \* Public Safety - Security & Surveillance Install security cameras in high crime areas around a city to keep and eye on activity. Policemen can't be everywhere all the time but a mesh-cam system can!
- \* Enhanced efficiency by controlling the management and daily operation of water pumps and electricity supplies remotely
- \* Video surveillance cameras to improve security and traffic control
- \* Residential and commercial wireless broadband
- \* Advanced health and education services (eLearning and eHealth)
- \* Low cost Internet access for permanent residents and visitors



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