xMax is an innovative private wireless regional area network (WRAN) solution that pays for itself with improved cash flow and increased productivity. xMax delivers private and secure broadband video, data, and VoIP communications over unlicensed radio spectrum. With a range of up to 5 miles and speeds up to 20 Mb, our patented software defined networking technology can blanket towns and counties with secure and reliable communications.

The end-to-end IP architecture allows you to use any commercially available smart phone, tablet, laptop, video camera, rugged handheld, or other IP-enabled device as well as your preferred applications including PTT, VPN, and encryption. Plus, xMax integrates into your emergency management systems to provide a powerful data overlay network and connects easily to the Internet, PSTN, and other commercial networks.
**What can xMax do for you?**

**Improve emergency response.** xMax Provides a high performance fixed or mobile data network to provide data-rich situational awareness, making your first response teams far more effective.

**Enhance social services.** xMax is the high performance, low-cost option for providing broadband connectivity to senior centers, schools, libraries and other municipal facilities.

**Reduce costs.** Use xMax as your city-wide communications system and eliminate monthly fees to cellular and cable companies.

**Create new revenue.** Our patented technologies make xMax more secure than other networks allowing you to sell wireless mobile point of sale services to retailers and event vendors.

**Increase Productivity** of public works departments by expanding broadband access to key databases and systems

**Automate municipal services** such as license and inspections and get real time data to provide greater speed and accuracy in fees and tax collections.

**Improve safety.** xMax is robust enough to deliver real-time video feeds from surveillance cameras to help manage traffic and provide greater citizen safety.

**Manage and monitor critical infrastructure** such as utility lines, traffic control systems, and water treatment facilities without the high monthly access fees.

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**xMax Architecture**

- **xVM**: Compact xMax Access Points provide wireless voice, data and video connectivity to mobile and fixed users. They perform wired network to cognitive network conversion. APs are Ethernet IP connected.
- **xMSC Network Core**: xMSC has off the shelf equipment for network management, firewall, SIP Proxy and SMS servers. It supports SIP-standard soft switches.
- **xG Technology**: offers a variety of financing and leasing options including xG-As-A-Service to make it easy and cost effective to create your own private and secure city network. For more information on how xMax can solve your city communications challenges, visit our website at www.xgtechnology.com

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