



## ***Motorola Canopy™ Platform enables mobile techno-savvy Chicago companies to quickly re-establish communications networks.***

- The Problem:** *Rapidly growing business clients who want to take their communications technology with them and don't want to be hindered by installation delays and difficult service provider changes.*
- The Solution:** *A metro Wi-Fi infrastructure, enabled by Motorola's Canopy Platform, is installed. The network is optimized for VoIP with router features prioritizing VoIP and adapted to provide QoS for voice packet systems. [www.bluewavenet.com](http://www.bluewavenet.com). [www.volocommunications.com](http://www.volocommunications.com). [www.motorola.com/canopy](http://www.motorola.com/canopy). [www.connectwithcanopy.com](http://www.connectwithcanopy.com).*
- The Result:** *Dependable yet flexible Internet and phone service that stays intact and moves with clients when they move, meaning limited downtime and limited or no service changes.*

### **Background**

*As a wireless Internet service and voice over Internet protocol (VoIP) provider serving the greater Chicago area, Bluewave Networks, Inc.'s client base includes many young, techno-savvy companies that tend to grow rapidly, which often requires a change in office space. These clients are concerned about signing long-term ISP and phone service agreements that don't move with them. Bluewave uses a metro wireless fidelity (Wi-Fi) network with multiple access points that communicate with each other. According to marketing director Antony van Zyl, much of Bluewave's infrastructure is Motorola's Canopy Platform, which is optimized for VoIP with router features prioritizing VoIP. "It's a natural extension to Internet service provisioning," says van Zyl, adding that "with fixed wireless broadband, not only do we own the entire distribution system but we also have the last-mile broadband to the home or office." This allows Bluewave to offer Internet connections at speeds significantly in excess of standard T1s speeds and packages with integrated Internet and phone services. "One of the reasons we try to use Motorola is because it has recently adapted their Canopy platform to provide quality of service (QoS) for voice packet systems," adds van Zyl. Volo Communications, a leading nationwide wholesale provider of advanced voice and data services, became Bluewave's wholesaler after rigorous testing. Volo Network's Sr. Marketing Director, John Wind notes that this solution eliminates all the choke points of typical broadband networks. "Fixed wireless has the flexibility to immediately bump bandwidth on demand when users find their needs expanding," he explains, avoiding having to change local access facilities or local loops, etc. Wind says this solution is "just absolutely the perfect play. If you want to add video services, multimedia, you just layer it on."*

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**Beyond Wireless** is a mini case study that is intended to illustrate a unique deployment of Motorola's Canopy wireless broadband technology. Our goal is to highlight applications depicting the evolution of wireless broadband technology that connects people to people and people to devices.



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