

# BEYOND WIRELESS

Trends Interesting Deployments Business Impact



## *How Motorola's Canopy™ solution enabled high-speed data access for the National Press Corps covering President Bush's visit to Caterpillar's manufacturing plant in Aurora, Ill.*

**The Problem:** *Providing on-site broadband connectivity for President Bush's visit to the Aurora Caterpillar plant on extremely short notice.*

**The Solution:** *A pair of 5.7 GHz Canopy backhauls was placed on the Caterpillar water tower. Motorola 5.2 GHz Canopy access points with hardware scheduling were also installed on the presidential stage and at the press tents. [www.blastcomm.com](http://www.blastcomm.com). [www.motorola.com/canopy](http://www.motorola.com/canopy). [www.connectwithcanopy.com](http://www.connectwithcanopy.com).*

**The Result:** *"Ultra fast" broadband deployment allowing the National Press Corps on-site Internet access for immediate filing of stories.*

### **Background**

*When White House Staff needed to provide broadband coverage for the National Press Corps during President Bush's 2005 visit to Caterpillar's plant in Aurora, Ill., they turned to Blast Communications, Inc. The full service Internet Service Provider specializes in providing ultra-fast, affordable, "always on" broadband access Internet services. The challenge was getting broadband coverage in the midst of the large Caterpillar plant, which has hundreds of hot spots and a great deal of radio frequency (RF) throughout the campus. Caterpillar could not allow the media to use their network because of its firewalls. Additionally, bandwidth requirements had to meet certain specifications. Blast Communications solved the problem by using a pair of Canopy backhauls to bring Bandwidth to Caterpillar's private water tower on site. A 5.2 GHz Canopy access point running hardware scheduling was used to bring bandwidth from the water tower to the stage area and the press tents. Wi-Fi was then delivered to both areas. The challenge was the short notice says Doug Watkins, president of Blast Communications. "We got the call Friday afternoon, got the project approved Saturday, and couldn't start working on the deployment until Monday," he said. The deployment was completed by noon Tuesday, leaving Secret Service enough time to make their preparations for the Wednesday event. The event itself lasted about an hour. With "ultra fast" deployment, he says the whole event was "a little hectic and crazy." He added, "Motorola was able to provide us with a solution, which we could reliably and quickly deploy. Because of its interference mitigation properties, the Canopy platform allowed the data connections to work reliably in the RF saturated environment," said Watkins.*

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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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