

# BEYOND WIRELESS

Trends Interesting Deployments Business Impact



***How Oklahoma Cardiovascular Associates (OCA) was able to increase bandwidth to each remote clinic while reducing costs and complying with HIPAA requirements.***

**The Problem:** *TI speeds were too low and too expensive to provide medical image management to remote clinics.*

**The Solution:** *Motorola's Canopy™ point-to-multipoint and point-to-point wireless technology was deployed to various sites to manage Digital Imaging and Communications in Medicine (DICOM) applications from the various image devices, such as ultrasound, nuclear medicine, MRI and others.*

**The Result:** *Physicians are able to review images from any of the connected sites and maintain the images in a central PAC system. Because of Canopy's over-the-air encryption, the data transfer meets and exceeds Health Insurance Portability and Accountability Act (HIPAA) security requirements.*

## Background

*Oklahoma Cardiovascular Associates is a world-class cardiovascular group located in Oklahoma City, Okla. The group recently built the 87-bed Oklahoma Heart Hospital in that city. Imaging is one of the critical pieces involved in patient care and OCA wanted to maintain its ability to review images from anywhere in their system. FDDI of Tulsa, Okla., engineered OCA's wireless access network using Canopy radios to provide the speed and reliability required to move these images. OCA also uses the WAN and Canopy technology for their Cerner® electronic medical record system.*

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**Beyond Wireless** is a weekly media alert that is intended to illustrate a unique deployment of Motorola's Canopy wireless broadband technology. Our goal is to assist you as you develop current and future story ideas depicting the evolution of wireless broadband technology that connects people to people and people to devices.  
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