

BEYOND WIRELESS

Trends Interesting Deployments Business Impact



Motorola's Canopy™ platform provides a large Brazilian medical assistance network with complete interconnectivity in their São Paulo region.

- The Problem:** *UNIMED Marília needed a complete infrastructure solution to support the resources of a Virtual Private Network (VPN), Internet, Voice over Internet Protocol (VoIP), videoconferencing systems and independent networks in order to connect its doctors, service providers, drug stores and hospitals.*
- The Solution:** *Motorola's Canopy 5.8 GHz broadband wireless solution supports the whole of UNIMED's private network, connecting it with numerous points in various cities while providing multiple communication channels.*
- The Result:** *High availability, security and quality of service while speeding up processes and ensuring efficient connectivity throughout the system.*
www.unimed.com.br, www.cernet.com.br, www.abase.com.br,
www.motorola.com/canopy, www.connectwithcanopy.com.

Background

UNIMED Marília, located in the State of São Paulo and part of Brazil's largest private medical assistance network, needed to adopt a complete infrastructure solution capable of supporting the resources of a Virtual Private Network (VPN), Internet, VoIP, videoconferencing systems and independent networks. The system needed to enable management of all entries by hospitals and doctors, provide doctors with exam results via Intranet and the capacity to monitor surgical procedure requests. Management of UNIMED Marília's physical infrastructure is done by satellite to avoid interference, says ABASE IT director, Arnaldo de Andrade. ABASE (Aliança Brasileira de Assistência Social e Educacional), a telecommunications solutions developer for the corporate market that installed the Canopy wireless system for UNIMED and which was supplied by Motorola Canopy distributor Cernet Tecnologia e Sistemas. Begun in January 2005, the entire project is nearly complete with 600 microcomputers interconnected at 250 points. Cernet's president, Edison dos Reis, explains that UNIMED Marília was looking for a solution to provide high availability, security and quality of service. He stresses that "the 5.8 GHz Canopy solution has proven to be secure, agile and available, readily meeting UNIMED's requirements." States UNIMED Marília IT coordinator Edson Pereira da Silva, "We were looking for a solution that would provide multiple communication channels and that would also prioritize packets and quality of service (QoS). Motorola's Canopy solution provided by Cernet and deployed by ABASE has fully met our requirements."

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Beyond Wireless is a regular 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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