

WiMAX in Healthcare



Overview

The Broadband Technology Opportunities Program will allocate billions of grant dollars for broadband support for healthcare. WiMAX in healthcare can be reduced to a discussion of the “3 A’s”: access, applications and affordability. This simple methodology explains the advantages of WiMAX in healthcare. In order to make universal healthcare coverage affordable, the United States will have to make universal broadband a reality. Patients or healthcare professionals attempting to transfer an X-ray from one office to another are frequently reduced to copying the image to CD-ROM and hand carrying or mailing the image to the distant office.

Impending regulations regarding electronic medical records (EMR) will further underscore the need for universal broadband coverage. How will healthcare professionals upload those EMRs if they don’t have broadband connectivity at the office or clinic? How will the healthcare professional review those EMRs from home in the event of an emergency?

Key Findings

- Assists grant writers in explaining broadband applications for the healthcare industry such as connecting the broad movement to Electronic Medical Records (EMR) in the US and the need for affordable broadband access for rural hospitals, clinics and doctor’s offices
- Provides grant writers with easy-to-understand explanations of mobile WiMAX in support of ambulance crews and other First Responders
- Enables grant writers to connect the breakthroughs in H.264 video compression and telemedicine or telehealth for rural communities and healthcare providers which could lead to savings in healthcare costs in the billions of dollars annually

Target Audience

- Incumbent telecom operators
- WiMAX solution providers
- Vendors for WiMAX and/or the enterprise industries
- Enterprise personnel responsible for computing and communications
- Investors in the WiMAX space and/or enterprise automation



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About Author



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His telecommunications career began with selling VoIP gateway switches for Netrix Corporation to long distance bypass carriers. He went on to promote softswitch solutions for Lucent Technologies (Qwest Account Manager) and Vsys (Western Region Sales Manager). His consulting clients include national governments and tier one telephone companies.

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