



Ride the Wireless Broadband Frontier
Open Range Communications Inc. 2006

WiMAX/4G Expands Service Set

High-Throughput Performance Services 1-3 Mbps



High-throughput and low cost service will expand capabilities

Portable Data & Visual-Centric Devices 1+ Mbps



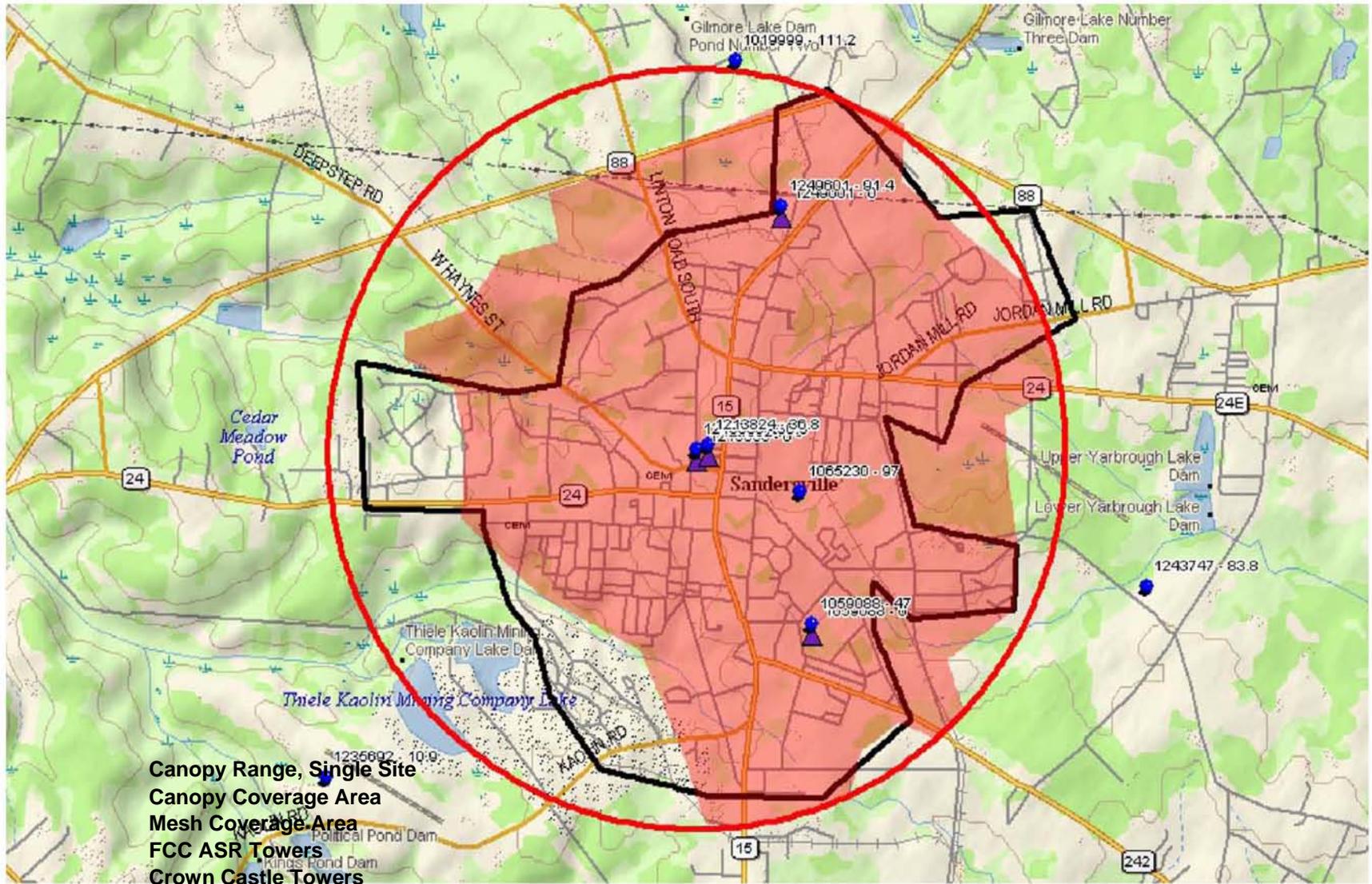
New 4G ecosystem allows for low cost for embedding devices and enabling consumer electronic devices

Mobile Applications (Handsets & Laptops)



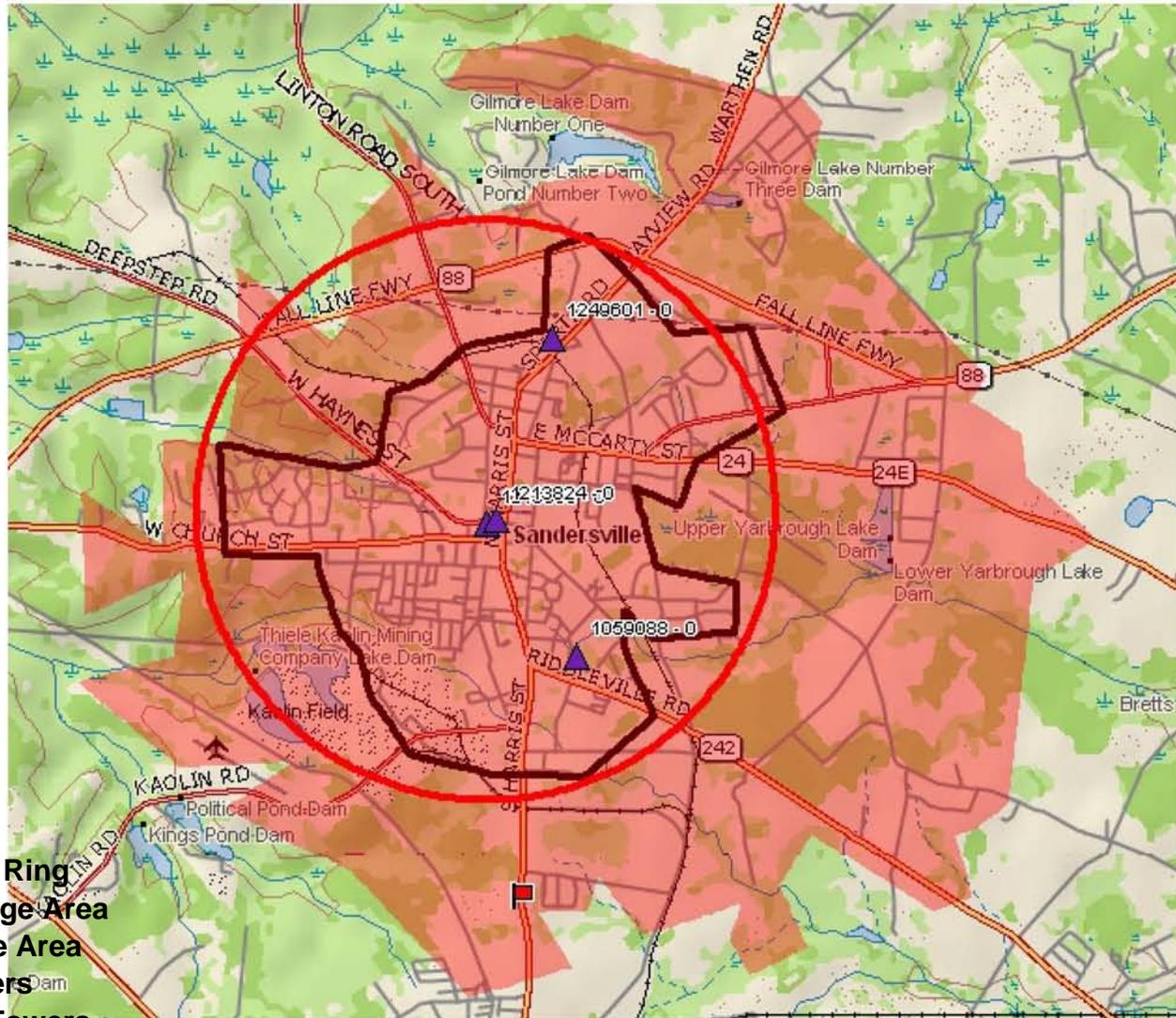
Low cost per MB is competitive advantage

Example City Network without WiMAX - Sandersville, GA.



Example City Network with WiMAX - Sandersville, GA.

Greater coverage area to less dense population areas with minimal additional cap ex – WiMAX will only arrive through a 3.65 spectrum license



1.5 Mile Range Ring
WiMAX Coverage Area
Mesh Coverage Area
FCC ASR Towers
Crown Castle Towers

3.65 Proposal

- **Open Range supports the current rules of the FCC specifying a 50 MHz wide band with licensed “lite” registration for service providers.**
- **If the FCC bifurcates rural from non-rural markets, in further support of the USDA and FCC joint rural initiatives, the FCC should adopt the same definition of a rural market used by the RUS to define an eligible rural community in 7 CFR 1738.2. This would make broadband loan geographic areas consistent with the FCC’s licensing structure in the 3.65 band for rural America.**
- **The contention-based protocol requirement will provide all service providers the opportunity to roll out services in the 3.65 band. Licensees should be afforded the opportunity to negotiate amongst themselves an operating agreement that provides for the coexistence of multiple systems while maintaining a high quality of service level for customers. Where all service providers in a market reach a mutually acceptable agreement those providers could employ sharing arrangements other than a contention based protocol.**

3.65 Proposal

- **The FCC should permit applicants to employ increased power levels in rural communities enabling broader coverage areas.**
- **The FCC should maintain a 50 MHz wide band enabling additional value added services in rural America including video surveillance, IPTV, VoIP and other advanced services in communities with limited or no access to local content for news, weather, and sports.**