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Washtenaw Wideopen Wireless to Washtenaw RFI #6200

Chuck Jacobus, PhD, (cjacobus@cybernet.com)

CYBERNET



County of Washtenaw, MI



C/O Cybernet Systems
Corporation
727 Airport Blvd
Ann Arbor, Michigan 48108
www.cybernet.com
(734) 668-2567

Key Features of the Proposed approach

- ❖ *No initial need for State, County, or City resources to establish Phase 0 and I deployment – (Phase II and III could draw on convenient County locations)*
 - ❖ *No requirement for County direct investment*
 - ❖ *An inclusive nonprofit organizational approach that allows participation from any and all Internet service providers that currently or plan to operate in the County*
 - ❖ *State of the art network technology with provision for continuous upgrade*
 - ❖ *Full network interoperability with in-place 802.11 hotspot infrastructure and wireless PCs*
 - ❖ *Proposing Partner Agreement to Implement the Plan and provide initial wireless services*
 - ❖ *Ability to meet Phase I by end of 2005 and complete coverage by 2007*
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Phase 0 – County Survey – DTED Level 3



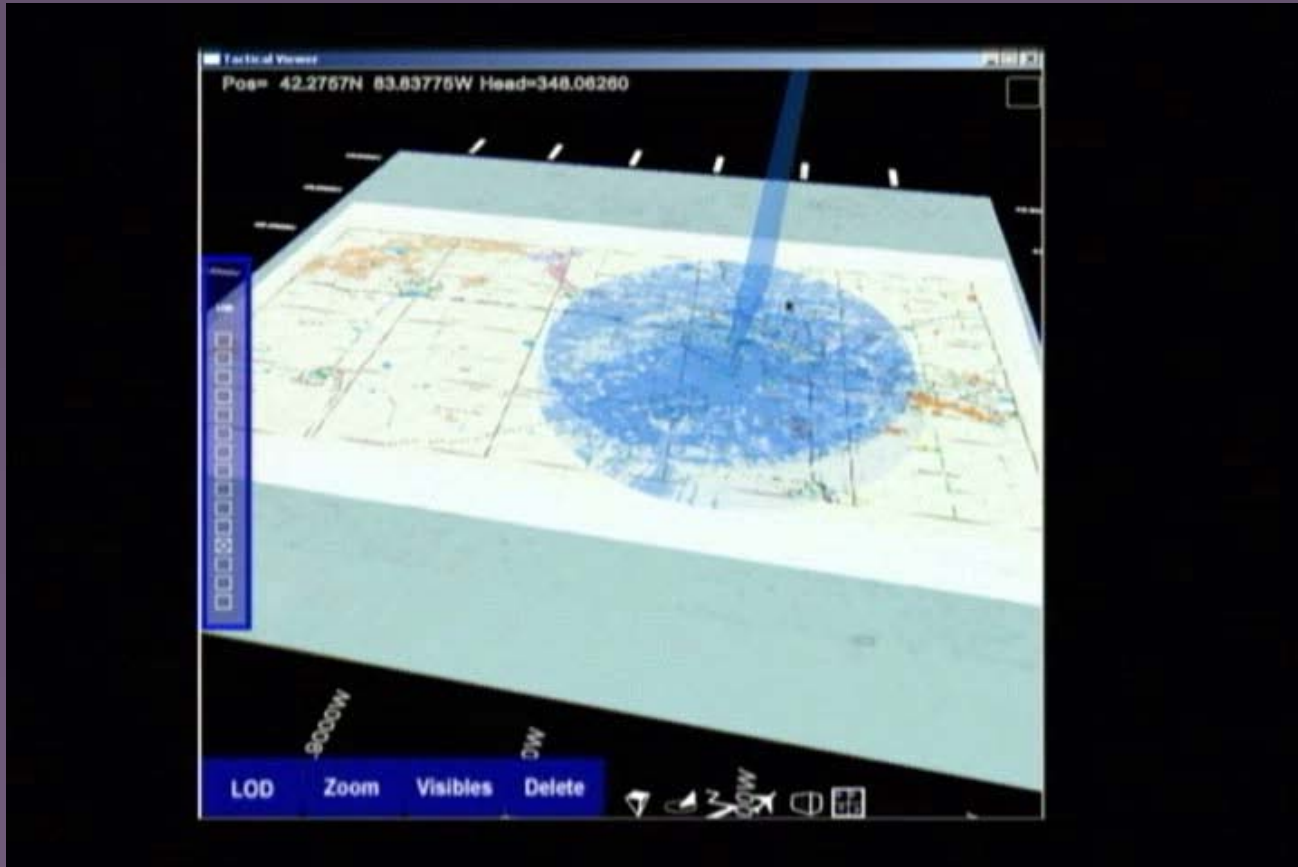
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Phase I – Deployment of Service from Partner Owned POPs



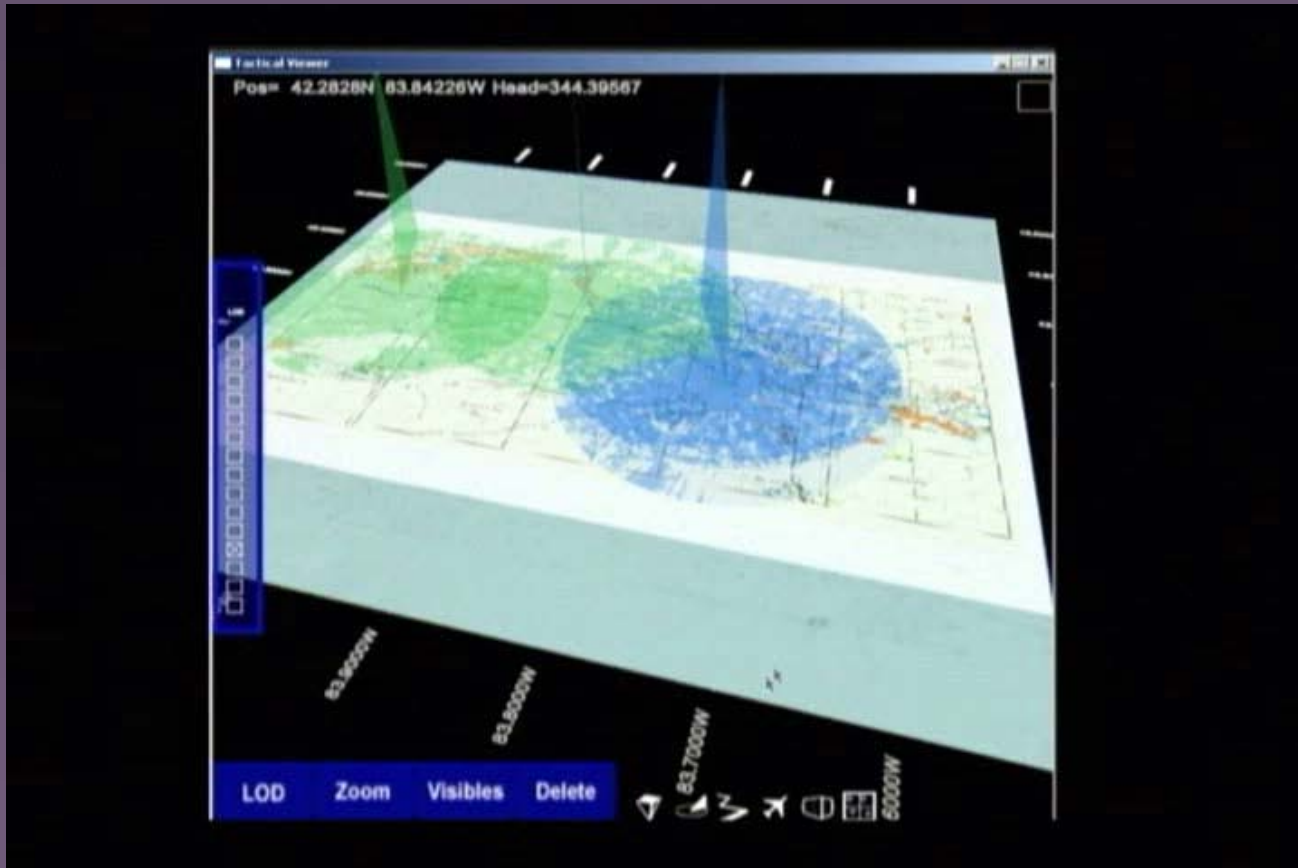
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Phase II – Deployment to cover 70% and all High Population Centers



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Phase III – Complete County Coverage



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Standards-based Approach Proposed

Standards:

- MAC OS X**
- Windows 98/ME, NT, 2000, and XP**
- Linux**
- 802.11 b/g***
- AODV RFC 3561****

* Provision for use of existing access points and clients. Provision for evolution and insertion of new wireless technologies

**Modified to provide higher levels of scalability and operation in multipath/grayzones. Provision for network directed upgrades for network management and protocol improvements as they are defined.

Business Model

- ❖ *Free operation within the County*
 - ❖ *Fee-based access to routes from inside the County to the Internet through multiple redundant POPs (Points of Presences)*
 - ❖ *Fees cover network operation and payment to POP operators*
 - ❖ *Users pay for network cards, access points, roof-top units where necessary*
 - ❖ *Provision for free use for public places, schools, etc.*
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