

Indian Scenario and Challenges

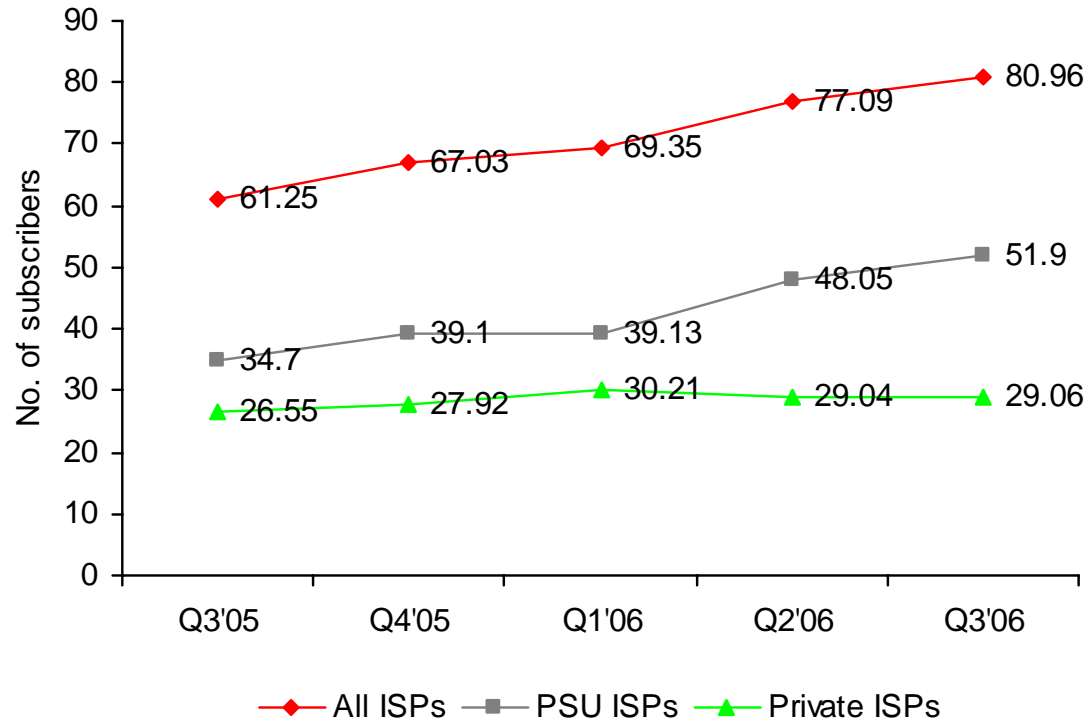
IEEE WiMAX Conference

Speaker S. Kailasanathan, Managing Director Microsense

- Implementing the Unwire Pune and Unwire Bangalore projects
- Have done WiMAX radio survey and blue print for Pune
- Largest service provider for hotels in India
- Inhouse developed OSS/BSS for wireless networks
- Set up wifi hotspots for BSNL and MTNL
- Network system integration and professional services

Internet Connections in India

Microsense



Public Sector ISPs subscriber base much higher due to copper last mile

Some Reported Projections for India

Microsense

- Wimax subscriber base to reach 21 million by 2014 [Maravedis and Tonse Telecom]
- 12,000 Base Stations and 500,000 CPEs to be sold in India in next 12 months [Maravedis and Tonse Telecom]

Opportunities

Microsense

- Broadband adoption and subscriber base will go up due to addressing the last mile problem
- Rural Connectivity
- Bridging the Digital Divide
- Mobility is an opportunity
- VOIP and similar regulations

Challenges

Microsense

- Spectrum
- Its not going to happen in a day
- -- Costs are going to be higher to start with
- -- Urban and Dense urban coverage is going to be tough
- -- Mobile WiMax is going to take time
- -- Subscriber base will take time to grow
- -- But we have to go through this process.

Thank You