WIBORNE, INC.

www.wiborne.com

SUCCESS STORY: *Field Test of WiBorne Radios in Gandhinagar Districts, Gujarat, India*

Gandhinagar is the capital of Gujarat State, India. It is one of the three planned cities of India. Located on the banks of the River Sabarmati, the city is the administrative centre of Gandhinagar District. The weather is hot through the months of March to June when the maximum temperature stays in the range of 36 °C and 42 °C, and the climate is extremely dry. The southwest monsoon brings a humid climate during summer.
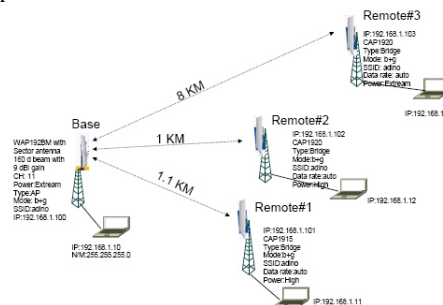

Adino Telecom (www.adinotelecom.com) is headquartered in Mumbai with well equipped regional offices in India. It established itself as a system Integrator providing the entire range of Broadband Wireless Solutions with strategic alliances and tie-ups with other major international and Indian companies. Adino has an installed base of more than 2,000 broadband wireless links all over India for Telcos/ISPs, corporations, and government departments

Adino Telecom started deployment of Broadband Wireless Networks in Gujarat State Wide Area Network (GSWAN) from middle of the year 2003. Prior to this Adino Telecom had carried out extensive field trials and demonstrations of Broadband Wireless technology to India government keeping in: *data transmission, Voice over IP, video conferencing, long-range wireless deployment with large number of remotes in a point to multipoint deployment (P2MP) while offers usable throughput and availability.*

WiBorne started to team up with Adino for certain domestic projects since 2006 and have done several demonstration sites. A field test in Gandhinagar does

successful links along with e-government functions such as VoIP (SIP phone with option of WMM as Quality of Service), video conference, bandwidth, and stable link by using WiBorne's base ration radio (WAP) and CPEs (CAP), was done on May 2007.

The test scenario is for P2MP with variety of applications for communication

Test result:

The short range that is less than 2 kilometers (KM), shows 18.5Mbps of throughput while successful VoIP phone call connection was in progress. FTP session then run with VoIP call shows 15 Mbps of throughput from iperf test software. The longer range with all 3 remotes run FTP and VoIP calls, shows up to 9.5Mbps of throughput from longer remote while 14Mbps for shorter remotes.

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