

Bridging the Digital Divide: Enabling Portable Wi-Fi Hotspots for Villages Across India

Executive Summary

CUSTOMER NAME

Dhaura Village, Sohna Road, Guragon

INDUSTRY

Residential and School

BUSINESS CHALLENGES

- Improving student care by providing students and residents with access to current information and best knowledge available
- Supporting the Students post-graduate education programs

SOLUTIONS

- Online reference tool, the Map of Area, piloted in the Village and two School centers using ruggedized PDOs
- XiFi wireless network deployed in the village

BUSINESS RESULTS

- Preliminary evidence that access to relevant information improved awareness at the point
- Improved village morale
- Plans to set up wireless broadband links between the various villages

The advent of Mobile Hotspots has drastically changed the view of accessing the internet anywhere in the metropolitan areas in India. With an increase in use of personal mobile devices and the reliance on the internet to access information online for entertainment, educational, personal and business purposes, Xi-Fi Networks suggests a unique proposition to enable the internet to the larger users because of its patented extended range, higher bandwidth and superior coverage technologies.

BUSINESS CHALLENGES

The industries predominantly have many such limitations of wired device installations. Since the whole concept of wireless communication simplifies connectivity on one hand, but incurs lot of data security and stability issues.



Prepared by Xi-Fi Smart
Network Solutions



VISION OF DIGITAL INDIA

Portable Wi-Fi Hotspots devices, services costing and network coverage has been investigated to begin to address the practicalities of setting up internet services at a Chaiwala, with the possibility of expanding it to a village wide service delivery.

SOLUTIONS

The solution should encompass the following to hurdle the challenges:

- ✓ Industry specific data management, authentication and payment interoperability
- ✓ Remote service management
- ✓ Event and issue based service delivery in real-time
- ✓ Monetization of services such as Pay per Use and Advertising Model



“We could have taken off-the-shelf components and tried to string them together, but essentially getting a wireless setup like this without XiFi’s help would have been impossible. Having it designed and installed by a world leader in the field is important to us because it gives us a system that we can rely on. It also gives us connections to other parties who may be interested in seeing what can be done with advanced technological solutions in some of the world’s more remote areas.”

Mr. Ramanpal, Panchayat Head Sohna, Gurgaon