

# Bridging the Digital Divide: Enabling Portable Wi-Fi Hotspots for Chaiwala



Xi-Fi wireless network helps setting up internet services at a Chaiwala, with the possibility of expanding it to a village wide service delivery.

EXECUTIVE SUMMARY
<p><b>Customer Name:</b> Tea Stall project</p> <p><b>Industry:</b></p> <p><b>Location:</b> Noida Sector -63</p>
<p><b>BUSINESS CHALLENGE</b></p> <ul style="list-style-type: none"> <li>To resolve issues of data security and stability.</li> <li>Support simultaneous use of multiple devices.</li> <li>To provide wireless internet to the people visiting tea stall and surrounding area catering to a minimum of 30 people simultaneously.</li> </ul>
<p><b>NETWORK SOLUTION</b></p> <ul style="list-style-type: none"> <li>XiFi Networks AC 3800 Wi-Fi Technology, with integrated management for wired and wireless networks.</li> </ul>
<p><b>BUSINESS RESULTS</b></p> <ul style="list-style-type: none"> <li>Delivered reliable, high-performance coverage.</li> <li>Earned rave reviews for reliability and speed from customers.</li> <li>The sales of the tea stall increased after providing free Wi-Fi.</li> </ul>

## Business Challenge

Portable Wi-Fi hotspot 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. The aim is to provide wireless internet to the people visiting tea stall and surrounding area catering to a minimum of 30 people simultaneously.

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.

*“Never imagined that I will see my ‘Chaiwala’ offering internet. Digital India, indeed.” – A customer*

## Network Solution

Xi-Fi extend AC 3800 series Access Points will do the job with just 1 AP with nearly 200 meter radius coverage on each AP with low Power Transmission directional antennas.

Xi-Fi also solved the following 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



### Xi Fi AC 3800 Outdoor Solution

Wi Fi Standard	802.11ac 2x2 MIMO
Frequency	Dual Band 2.4 GHz and 5 GHz
Concurrent Clients	700

### XiFi Network Management System

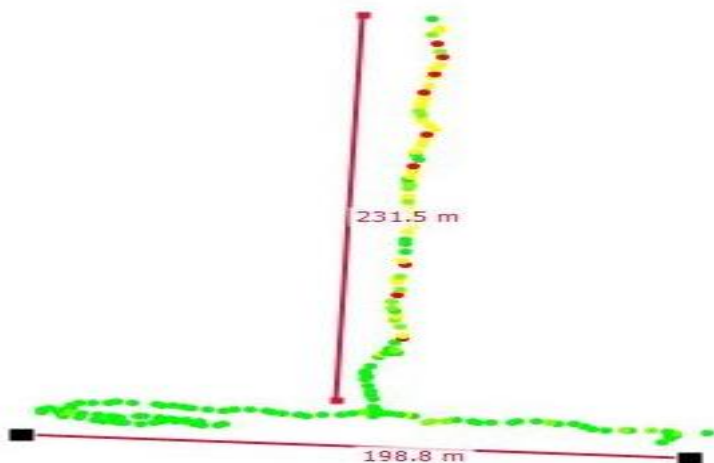
Cloud Based Solution	Yes
Access Points	1



## Business Results

The simple, rapidly installed Wi-Fi equipment immediately provided the living areas with connectivity needed to support file transfer and streaming video applications, earning rave reviews for reliability and speed from customers. The sales of the tea stall was increased after providing free Wi-Fi as customer tend to spend more time there to complete their existing internet use.

*“My sales increased by providing free Wi-Fi to my customers. Customers even tend to spend more time asking for additional tea as to complete their existing internet use (either watch a video or chat on Facebook)” says tea stall owner*



RSSI (dBm): Top #1		
●	[Min, -75)	(0) ( 0%)
■	[-75, -70)	(10) ( 3.08%)
■	[-70, -65)	(49) (15.08%)
■	[-65, -60)	(49) (15.08%)
■	[-60, 0)	(217) (66.77%)
■	[0, Max]	(0) ( 0%)