

Campus Innovates with New Wireless Network



Xi-Fi wireless network helps meet demand for BYOD access and provide new classroom capabilities.

EXECUTIVE SUMMARY

Customer Name: Jaypee Institute of Information Technology



Industry: Higher Education

Location: Noida Sector -128

Number of Students: 2500

BUSINESS CHALLENGE

- Offer reliable, high-performance wireless access from everywhere on campus
- Support simultaneous use of multiple devices
- Help enable high-capacity coverage required for data and file transfer, streaming video by over 2500+ members

NETWORK SOLUTION

- XiFi Networks AC 3800 Wi-Fi Technology, with integrated management for wired and wireless networks

BUSINESS RESULTS

- Delivered reliable, high-performance coverage everywhere on campus
- Supported ongoing bring-your-own-device trend
- Earned rave reviews for reliability and speed from students and faculty members.

Business Challenge

Jaypee Institute of Information Technology is one of Noida's few prestigious institutions with an Attached student hostel. The campus is 5 Acre Spread amidst of corporate and residential hub. In mid-2016, JIIT needed a first class Wi-Fi connectivity solution To provide complete, high-capacity coverage Required for data and file transfer, streaming Video and social media for its buildings - Used by over 2500+ students, faculty, and staff Throughout a combined 2 floors of dormitories, Faculty offices, canteens and common areas.

“Young people demand the most from Wi-Fi, especially students XiFi provides them the streaming video and file transfer they need, while also pleasing the college finance team who wants an affordable solution with a low total cost of ownership.” – Kirpal Singh, IT Head JIIT Noida

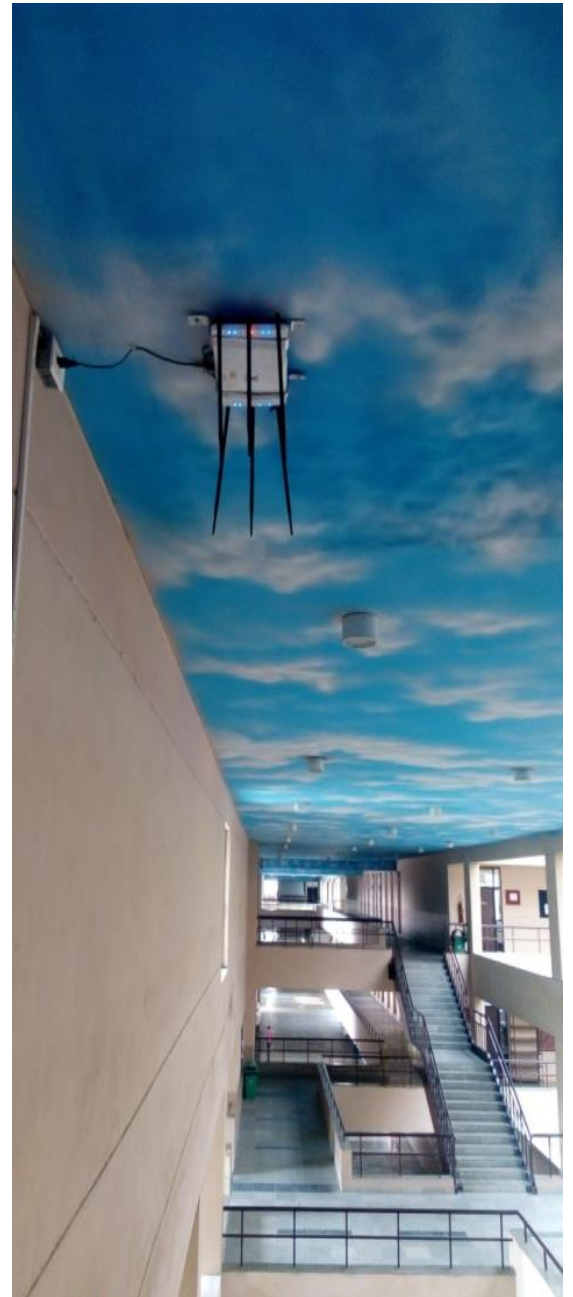
Network Solution

JiIT contracted PhiMetrics Technologies a leading India's Telecom wireless audit solutions & services provider, who Used XiFi Networks AC 3800 Wi-Fi technology to design A system to fulfill the college's high-capacity needs while Saving about 20% on the cost of equipment when compared With other Wi-Fi access points.

To provide 802.11n wireless service throughout the campus, Jaypee Institute of Information Technology uses five AC 3800 Wireless Controllers and one Wireless Controller for guest access. Xifi Smart Networks AC 3800 Series Access Points provide an interference-free, high-speed wireless experience, along with XiFi Outdoor Mesh Access Points for coverage in its courtyards. The University leverages XiFi Energy Wise™ technology to power up its access points with Power over Ethernet (PoE).

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	5



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 students and faculty members. With fewer user complaints and noticeably less downtime than the former system, the XiFi's performance also satisfies the IT team.



"We would like to thank XiFi Networks for their prompt and Dedicated support during the Implementation of the Project," says Abhijeet Singh, Assistant Professor with JIIT.

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