






## Case Study

# Connecting 14 Campuses. One Unified Network

## Customer Profile

-  **Customer Name:** Amity University
-  **Location:** Noida & PAN India
-  **Industry:** Education

## Project Scope

Campus-wide Wi-Fi Modernization  
Across 14 Locations

## Project Overview

Amity University, one of India's largest private university networks with multiple campuses nationwide, required a highly scalable and centrally managed wireless solution to serve thousands of students across 14 campuses.

The institution aimed to enhance hostel connectivity while ensuring consistent network performance nationwide.

## Challenges

- Managing connectivity across geographically distributed campuses
- High device density and growing bandwidth requirements
- Maintaining consistent network performance across all campuses
- Need for centralised visibility and monitoring
- Requirement for superior performance compared to existing vendors (Ruckus, Aruba, Cisco)

## Omada Solution Deployed

Omada delivered a large-scale enterprise Wi-Fi infrastructure designed for nationwide performance consistency.

## Deployment Details

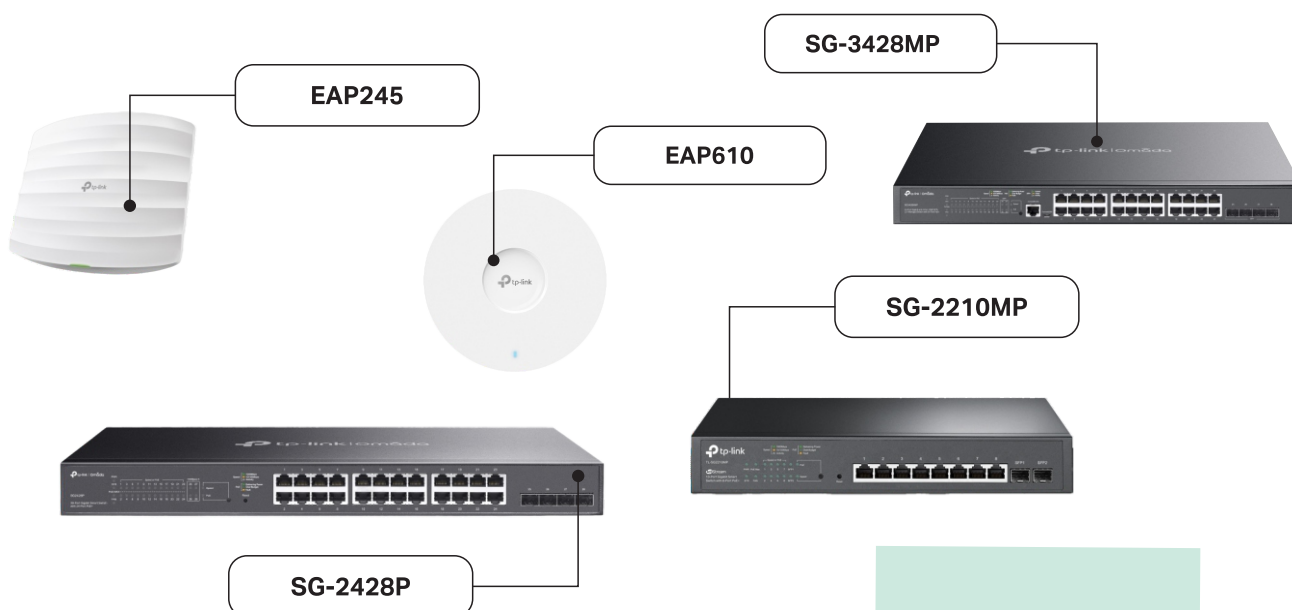
**Access Points** (EAP-245 / EAP-670)

**Managed Switches** (SG-2428P / SG-3428MP / SG-2210MP)

**Hardware Controllers** deployed across campuses

Integrated with Omada SDN for centralized cloud-based control

## Products Used



## Business Impact

- Seamless and uniform Wi-Fi performance across 14 campuses
- Improved hostel internet experience
- High-density device management without congestion
- Simplified IT operations through centralized control
- Future-ready Wi-Fi infrastructure for digital learning expansion

Students across India now experience reliable, high-speed connectivity supporting hybrid learning, streaming, and collaborative tools.

## Project Highlight

Successfully replaced long-standing multi-vendor infrastructure from various competitive brands with a unified Omada SDN solution delivering improved scalability, centralized control, and optimized network performance nationwide.

Diifferent VLAN for students, faculty, staff, and guest were created. As the institution had different policies for all these segments, but single SSID. Customisation was done to meet this requirement by making changes in their controller and providing LDAP solution in which they were able to have multiple VLAN for same SSID.



## WATCH THE SUCCESS STORY IN ACTION



Scan the QR code to view the complete **Amity University** video case study.

