



CASE STUDY

Client Profile

Organization:
Manipal Global
Education Services

Location:
Bangalore, Karnataka

Industry Segment:
Education

About Manipal Global Education Services

Manipal Global Education Services (MaGE) is an entity of Manipal Group with HO in Bangalore and educational campuses across Bangalore, Malaysia and Dubai.

Education campuses rely heavily on wired and wireless networking services which is the backbone of the network to provide Learning Management Solutions, Internet and Application Access for pedagogy needs of students and staff alike.

With Staff using laptops with WIFI6 capability and students provided tabs with WIFI access for learning needs, the need was felt strongly to offer an easy-to-manage WIFI Infra with centralized network management technology and at a lower price point while including network management functionality at no extra cost.

Customer Requirement

Exploring WIFI6 options available in market, which should give coverage to entire college campus without ant data loss and can be managed centrally without any third party software.

- Wifi AP's should coverage to all hostel rooms, corridor and all class rooms.
- Wifi AP should have enough number of concurrent users so that all students can have access without any Hassel.
- All AP'S can be managed centrally as there will be good number of AP's in entire campus.

Solution Offered

Installing a GWN series device was the easiest when Grandstream offers a free cloud Wi-Fi management platform – GWN Cloud which comes with a free mobile app for Android and iOS devices. We could also build and manage any GWN WIFI network from any location.

Additionally, every GWN series device comes with Wi-Fi management software built-in offering another layer of free and easy-to-use installation option.

Customer Testimonial

Thanks to Grandstream, MaGE was able to build a powerful, reliable, and customizable Wi-Fi solutions for their wide-range of business and educational learning needs.

We were able to deploy these solutions quickly while easily managing and maintaining them with a platform ideal for each customer using Grand stream's embedded controller and GWN Cloud management platform. The GWN series allows Manipal Global Education (MaGE) to lower our investment costs and maximize their deployment budgets as Grand stream offers a price point at less-than-half of the devices we were previously using.

Challenges Faced

We had very tough competition with brands like Ubiquiti, Cisco etc.

About Cohesive Technologies

Cohesive Technologies is a Global Telecom Solution Provider on VoIP and IP Platform As well a leading Integrator and Solution Provider with the Best Innovative IP Solutions which adds value to Customers through a combination of different high end technologies for a true Converged Solution.

Working with Technology Partners like **Akuvox, Akubela, CyberData, Guardian Telecom, Epygi, Grandstream, Milesight, Planet, Tonmind, Wi-Tek and Yeastar** helped us delivering state-of-the-art-technology Products to Premise and Cloud based requirements for various companies that span across multiple segments.

Goal/Purpose of the New Deployment

Grandstream's GWN series of Wi-Fi APs which offers a full portfolio of WIFI Access points that can be customized to suit various needs (Hostel Rooms / Staff Rooms / Classrooms / Labs / Auditorium / Conference Rooms etc.)

We deployed GWN7664 WIFI6 802.11ax AP's in all classrooms and staff areas which provided excellent coverage and throughputs with MultiGig technology. All hostel rooms were deployed with individual GWN7602 802.11ac AP's, which improved the online learning needs of students in hostels.

All AP's were easily deployed through a free GWN Cloud platform and can offer a variety of free management options to suit all our hostel and academic WIFI needs and provide a price point that is less than half the cost of the earlier deployed WIFI AP's which needed WIFI Controllers. One WIFI Support engineer was sufficient to manage the entire campus with Grandstream deployment.



Product Used



Grandstream GWN7602 WiFi Access Point



Grandstream GWN7664 WiFi6 Access Point