

# Case Study



## Client Profile

**Organization:** Genesis Global School

**Location:** Noida

**Industry Segment:** Education

**Partner's Name:**  
Logic Network Solution Private Limited

## Genesis Global School, Noida



Genesis Global School is situated in Noida, and is part of the National Capital Region (Delhi NCR). Ranked one of the best schools in Noida, it is spread across a world – class 30 acre green campus with super connectivity via a 6-lane expressway.

Education at Genesis is a journey full of opportunities and fulfilment. Whether day scholars or in the boarding school GGS students are confident, disciplined and critical thinkers. Qualities which ensure that they grow into responsible and caring adults of a global society.

## Product Used



**WiFi 6**  
CERTIFIED

GWN7664, GWN7664E, GWN7664LR ACCESS POINTS

## Customer Testimonial

"After deploying the Grandstream access points, we've noticed a dramatic improvement in both speed and stability of our wireless network. Previously dead zones are now fully covered, and users are experiencing smoother video calls and uninterrupted access to online platforms. This upgrade has truly modernized our digital infrastructure."

— Sunny Dhawal, Asst . Manager IT,  
Genesis Global School

## Requirement

Genesis Global School needed a **comprehensive wireless network solution** that could:

- Provide seamless, high-speed connectivity across a vast campus.
- Support hundreds of simultaneous users including students, faculty, and administrative staff.
- Offer stable and secure wireless coverage in diverse areas such as classrooms, dormitories, staff rooms, labs, auditoriums, sports complexes, and open-air environments.
- Be future-ready, scalable, and easy to manage via a central platform.
- Offer value-for-money compared to premium market alternatives.

## The school's previous networking infrastructure was fragmented and struggled with:

- Coverage black spots.
- Inconsistent connectivity during high-usage periods.
- Limited centralized control and monitoring.

Before finalizing a solution, the client considered other leading wireless vendors such as Cisco Meraki and Aruba, comparing features, performance, and total cost of ownership.



## The Solution

Cohesive Technologies partnered with Genesis Global School to deliver a tailored wireless solution featuring Grandstream's high-performance GWN series Access Points. The deployment included:

- 110+ Grandstream Access Points, consisting of:
- **GWN7664** – High-speed indoor Wi-Fi 6 access points for classrooms and labs.
- **GWN7664E** – Enhanced indoor models with extended coverage for large indoor areas and administrative zones.
- **GWN7664LR** – Long-range outdoor access points for complete campus-wide and outdoor area coverage.
- A centralized cloud management system enabling real-time monitoring, maintenance, and performance optimization.

Careful site survey, planning, and phased deployment to avoid downtime and ensure optimal AP placement for maximum coverage and performance.

## The Result

The deployment of Grandstream's GWN solution transformed the wireless experience at Genesis Global School:

- Achieved seamless and stable Wi-Fi connectivity across the entire 30-acre campus.
- Enabled high-speed internet access for over a thousand concurrent users.
- Reduced connectivity complaints and downtime significantly.
- Provided centralized control and easy network management via Grandstream's GWN Cloud platform.
- Delivered a cost-effective solution without compromising on performance, outperforming some premium alternatives in key areas.