

# Gaziantep Değer College

## Zyxel Helps Turkish College Build Next-generation Smart Campus

### Customer at a glance


**Customer Name**

Gaziantep Değer College


**Industry**

Education


**Organization Size**

 2,000 students  
 21,300-square-meter campus

**Country**

Turkey



### Customer Background

Located in the center of southern Turkey's Gaziantep city, Gaziantep Değer College has a sprawling campus of 21,300 square meters, consisting of 5,455 square meters of garden area, numerous classrooms, a 110-seat movie theater, a 1,100-seat cafeteria, and a conference hall. To develop well-rounded students who have the chance to discover and refine their talents, the school provides various facilities and activities such as swimming pools, gyms, art and music workshops, and coding classes. To these same ends, it has invested in new wired and wireless network infrastructure to power modern classroom solutions such as smart boards and desks.

*"During the tender, we received very positive references regarding Zyxel and Mefapex from other educational institutions. We also knew that Zyxel's high-performance products were the ideal solution for a technology-oriented educational institution like ourselves. The installation was completed within the promised time frame and, since then, all the systems have been running smoothly. We've been impressed by their high quality."*

**Müfit Taşlıyar**  
**General Manager**  
**Gaziantep Değer College**

### Summary

Aiming to build a "digital campus" to further increase its teaching quality and operational efficiency, Gaziantep Değer College insisted on a strong wireless network to provide easier connections for its online education system, central switchboards, facial recognition system, thermal cameras, and card entry system. The school also wanted the new network to ensure uninterrupted connections and centralized management. Zyxel's XS3800 and XGS1930 Series switches were installed to provide the backbone of the network. ZON Utility unified installation and management, requiring only a few clicks for network devices to be discovered, monitored, and managed. Meanwhile, NWA1123-ACv2 and NWA1123-AC PRO 802.11ac access points were deployed. Supporting gigabit speeds and MIMO technology, the APs ensure fast and smooth internet connections. And those devices can be managed via Nebula Control Center which, with its user-friendly web-based interface, makes it a cinch to manage multiple devices on a network. It also provides easy access to Nebula devices at all times and real-time cloud-based configuration. With ZON Utility and Nebula, the school says it's able to provide staff and students with the connections they need to thrive and is burnishing its forward-looking reputation.

### Challenges

- Offer wired and wireless networks across over 20,000-square-meter campus
- Support simultaneous connectivity of devices of over 2,000 users
- Put in place sufficient redundancies and server infrastructure so as to ensure constant connectivity

### Benefits

- High-performance wireless network supports continuous operation of online education system, central switchboards, and physical security systems
- All teachers, students, and staff can be simultaneously connected to the internet without any bandwidth problems
- Easy and flexible centralized management of the network via ZON Utility and cloud networking management

### Product used

- NWA1123-AC PRO/NWA1123-ACv2 802.11ac Access Point
- XS3800-28 L3 Aggregation Switch
- XGS1930-28/28HP/52HP Smart Managed PoE Switch
- Nebula Control Center (NCC)