

# UNAPEC Deploys Future-Ready Infrastructure

## Challenges

- Improve network stability so IT team could focus on proactive projects and initiatives
- Simplify deployments of new technologies and equipment across campus
- Improve scalability and flexibility of network to support academic applications and tools
- Extend wireless coverage and increase bandwidth for growing number of users and devices

## Extreme Solutions

- ExtremeWireless™
- ExtremeSwitching™
- ExtremeCloud™ IQ – Site Engine
- ExtremeControl™

*“We use Extreme to simplify the deployment of in-classroom technology. Before, when my department needed to deploy new computers or connect new offices and classrooms, we needed to manually configure the switches and WLAN. But now we use a database in ExtremeControl to delegate, and my department is free of all requests for technical support in these areas.”*

**Eddgar Rojas, Network Administrator,  
UNAPEC**

*“It’s been a tremendous, tremendous improvement in efficiency. We’ve gained more time to complete tasks other than support requests and can improve learning experiences for students across campus.”*

**Eddgar Rojas, Network Administrator,  
UNAPEC**

Universidad APEC (UNAPEC) is a university in Santo Domingo, Dominican Republic, founded in 1965. With nearly 7,700 enrolled students, the university serves undergrads and graduates from more than 20 countries around the world, preparing them for careers in technology, business and other growing industries.

While UNAPEC was among the first Dominican universities to offer virtual and hybrid classes following the pandemic, the added strain on the network from increasing numbers of devices and demand for modern digital tools quickly became a challenge. As it prepared to deploy a new network to support increased technology usage across 200 classrooms, the university needed to simplify and streamline its deployment process by minimizing touchpoints and manual steps. UNAPEC also needed to extend its wireless connectivity to support users 24/7 from anywhere on campus, while simplifying network scalability for academic applications and resources. Furthermore, the burden of IT requests and tickets was hindering the efficiency of the IT team and needed to be addressed through easier network management.

In partnership with Extreme Networks, Universidad APEC deployed a future-proof Wi-Fi network that alleviated its IT pain points and introduced new levels of operational efficiency. With greater visibility into network performance and advanced network automation, the IT team can proactively resolve issues, giving them back more time to dedicate to improving experiences for students and staff. The university successfully completed its network deployment across 200 classrooms in less than a year – thanks to the simple scalability of the new solutions – while improving wireless coverage and bandwidth availability across campus. The realization of new network capabilities ensures that UNAPEC will have the foundation to evolve alongside ever-changing education standards, promising a continuously improved and modernized student experience.

## Results



### Empowered IT Team

- Minimized number of IT requests and tickets
- Alleviate burden of manual management on IT team, enabling them to focus on advancement projects and initiatives
- Overall improved team efficiency through network automation and simplified, consolidated management center



### Uninterrupted Connectivity

- Extended wireless coverage across campus supports increased number of users and devices
- Less downtime means more time returned to professors in classrooms and efficient use of classroom technology
- Uninterrupted access to academic platforms, applications, and tools, improving student learning



### Deployment-Ready Solutions

- Streamlined deployments through segmentation and automation capabilities
- 200 classrooms deployed in less than one year
- Eliminated need for manual set up of technology and equipment



### Foundation for Future

- Integrated solutions' scalability will enable growth and expansion without risking quality of services, supporting continuously enhanced student programming
- Plans to adopt Extreme Fabric technology to further secure and automate network processes