

RUFA University

Unleashing High-Quality Connectivity for Optimal Learning Experiences at Italian University

Customer at a glance



Customer Name

Rome University of Fine Arts



Industry

Education



Organization Size

600 students, 20 classrooms,
3000 square meters



Location

Rome, Italy



Customer Background

RUFA, Rome University of Fine Arts, is an officially recognized educational institution by the Ministry of University and Research (MUR). It is a globally recognized multidisciplinary center offering innovative educational programs in Fine Arts and Visual Communication. RUFA collaborates with prestigious professionals and companies to deliver exceptional learning experiences.



“Thanks to Ejart and Zyxel for quickly establishing a robust network. The design and implementation of the network infrastructure meet our requirements in terms of performance, security, stability, and scalability. With real-time monitoring of all devices, we can promptly identify any malfunctions within our network, enabling us to fix them immediately.”

Antonio Pompei
IT Manager, RUFA University

Summary

The sprawling 6000 sqm campus in the Ostiense district, nestled within the former Triestina Carpentry on Via Libetta, is undergoing a comprehensive renovation scheduled for completion by the end of 2023. With an unwavering commitment to fostering an exceptional learning environment, the school is dedicated to establishing a pervasive wireless network that envelops the entire campus, offering abundant WiFi capacity and seamless coverage. Additionally, a resilient networking infrastructure is crucial, seamlessly accommodating local archives, facilitating swift NAS access, and empowering administrators with meticulous sectoral control. Furthermore, the campus plans to incorporate cutting-edge broadcast technologies, enabling the dissemination of educational content through projectors and TVs. After a thorough evaluation process, Zyxel's Nebula solution stood out as the preferred choice, offering centralized cloud-based control and unparalleled visibility for quick issue resolution. Zyxel's switches and WiFi 6 APs form the backbone of a high-speed and dependable network, while the USG FLEX 700 firewall ensures robust security.

Challenges

- Enhance WiFi signals and minimize interference in every classroom, office, warehouse, and outdoor area
- Accommodate a large number of simultaneous wireless users
- Monitor and regulate network access through a firewall

Benefits

- Monitor and record internet and intranet browsing activities of all users, including teachers and administrative staff
- Fast, efficient, and effective network infrastructure
- Easily configure all devices in a few steps using Nebula

Products used

- USG FLEX 700 Firewall
- WAX510D 802.11ax Access Point
- XS3800-28 L3 Aggregation Switch
- XGS1930-28/52/28HP Lite-L3 Smart Managed Switch
- GS1920-8HPv2 Smart Managed PoE Switch