

## CASE STUDY: GRAFISCH LYCEUM ROTTERDAM COLLEGE

GRAFISCH  
LYCEUM  
ROTTERDAM

# GLR College Delivers Extreme Solutions for Creative Minds

### Technology Needs

- Increased capacity for professional-grade AV content and applications in dense and bandwidth-hungry environment.
- Reliable, secure, and efficient wireless connectivity 24/7.
- Scalability to accommodate growing number of student and staff devices and data needs.

### Extreme Solution Components

- Extreme Fabric™
- ExtremeWireless™

*"Extreme was the only vendor to offer AVB-enabled Ethernet switches that unified data, audio and video traffic on a single, standards-based network. The students and teachers are now able to access and edit professional AV content from anywhere via the Internet. From that point moving forward, we have never experienced any bottlenecks in our network and that speaks volumes."*

#### Sander Stolk, Security Officer and Board Member, GRL

*"The simplified infrastructure and unified management allowed us to avoid the extensive time and resources previously required to connect proprietary or non-interoperable network elements. Having the same OS for all switches and one measurement portal to monitor the infrastructure means we can see exactly what's happening across the whole network and make any necessary changes quickly and efficiently."*

#### Sander Stolk, Security Officer and Board Member, GRL

The Grafisch Lyceum Rotterdam (GLR) is the Benelux region's largest and most innovative creative college for media, design, and technology. With over 400 staff members, educators, and more than 4,000 students the GLR offers a broad range of college-level programs that prepare graduates for future careers in the media, design, and technology industries.

The GLR aspires to be the most innovative school of its kind throughout all of Europe and needed to deliver an enhanced user experience for its creative students. To keep pace with increasingly developing technology and ensure a seamless student experience, the college sought to deploy a high-performing, flexible, and future-proofed network solution capable of supporting professional-grade audio and video content anywhere, at any time.

In partnership with Extreme Networks, Grafisch Lyceum Rotterdam established a network that guarantees students and teachers access to professional AV content from anywhere using Extreme Fabric and Wireless solutions. The newly simplified infrastructure and unified management of the college network allows staff to avoid extensive use of time and resources previously required to establish connectivity across the campus. With Extreme solutions in place, the GLR's network can now meet the needs of its students today and tomorrow.

*"The GRL is growing, the data needs to go fast and needs to go big. We are also looking for ways to simplify the network management. The goal for 2022 is to replace our current wired setup with a more automated solution to further facilitate monitoring, management, and provisioning."*

#### Sander Stolk, Security Officer and Board Member, GRL

## Results



### Seamless Connectivity

- Students and teachers can access and edit professional AV content from anywhere.
- Zero downtime without any bottlenecks.
- Reliable, secure, and efficient wireless network supports diverse mix of devices on and off campus.



### New Capacity

- New robust infrastructure offers additional capacity to support bandwidth intensive applications and transportation of AV content.



### Simplified Management and Scalability

- Simplified infrastructure and consolidated management help avoid extensive time and resource allocation.
- Fully automated network, scalability, and security without interference of daily operations.

*"Fabric Connect is the way to go because it means a fully automated network, effortless scalability, and security. You can connect it right to the edge of the network. This extension brings about a zero-touch and zero-trust network edge by combining the automation enabled through auto-sense ports with both the security and automation enabled by RADIUS or Network Access Control."*

#### Roland Ivens, Senior Systems Engineer, Extreme Networks