

Case study



City of Glasgow College

City of Glasgow College selects Exterity solutions to provide an interconnected video experience across its expanding campuses

Located in the heart of Scotland's largest and most vibrant city, City of Glasgow College is home to 27,000 students and offers nearly 2,000 courses from Access Level to Masters. Its award-winning Riverside campus was the first phase of a £228 million twin-site super campus expansion that opened in October 2015, and hosts the most modern, technologically-advanced and future-proofed maritime campus of all 230 maritime colleges around the world. The City campus was completed in August 2016, and together, both campuses are expected to serve up to 40,000 students and 1,200 staff a year.

Installation led by





“The college is at an exciting phase with the completion of our new City Campus site. The strategic vision for an integrated technology solution to deliver high-quality video content across multiple campuses and beyond was realized by working closely with Exterity to deploy Exterity IP video systems. We are already looking to the future, and how this cutting edge IP video system can be utilized to enhance the student experience and help us engage with new audiences”

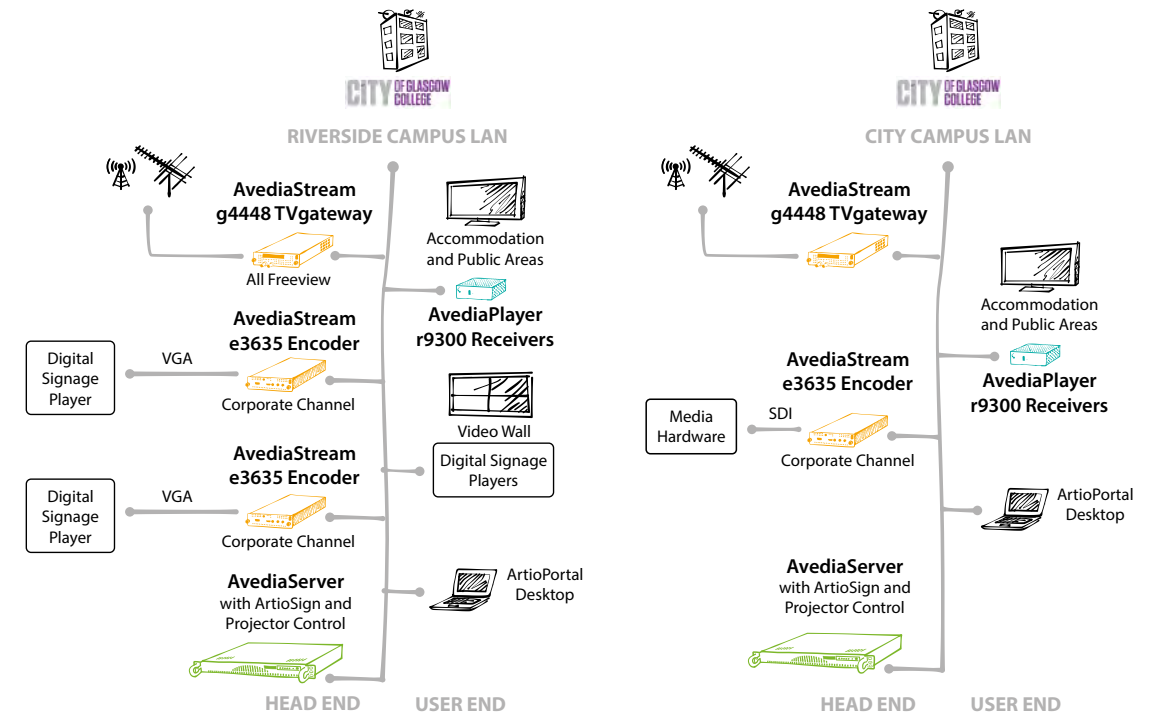
Johnny Murray, Information Systems Development Manager at City of Glasgow College

The challenge

As part of its super campus expansion, City of Glasgow College wanted a system that could deliver a range of high-quality TV and video content across its City and Riverside campuses, including to its many classrooms, reception areas, libraries and cafeterias, as well as adjoining halls of residence. With its scalability, flexibility, proven robustness and ease of use, the Exterity IP video system offered the perfect solution to exceed both the College’s requirements and expectations of its tech-savvy student body.



Exterity IP video solution at City of Glasgow College

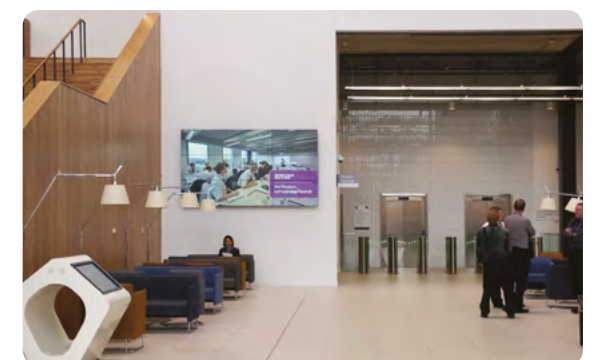


The solution

With the project led by systems integrator Forth Electrical Services, City of Glasgow College deployed a large-scale Exterity IP video system, which integrates with a third party digital signage solution. The system consists of HDMI and SDI encoders, receiver set-top boxes and digital signage media players, and delivers live TV, video and radio content to displays and desktops throughout both campuses. The Exterity system also distributes Freeview TV channels and a college channel promoting student news and events to kitchen and communal areas in its 198 bed halls of residence.

The Exterity IP video solution delivers live TV channels, college corporate and news channels as well as event information to over 200 displays in reception areas, libraries, cafeterias, classrooms, and hallways, including a 25-screen video wall in the City campus reception. Drama productions filmed in the college TV studio and Principal addresses can also be streamed live across both campuses. The system is also used to digitize video content to create a video-on-demand library for lecturers.

City of Glasgow College already plans on extending the system to offer foreign language TV channels in the modern languages department, and provide the ability to view TV and video channels on SMART projectors in classrooms.





About Exterity

Since 2001 Exterity has been designing, developing and manufacturing technically innovative products that deliver video over an IP network to some of the leading organizations across the globe.

Enabling distribution of HD quality TV, video and digital signage over enterprise IP networks to an unlimited number of end points, Exterity solutions support large volumes of content and receiving devices without compromising system performance or availability.

Highlights

- Deployed in over 40 countries
- Scalable IP video and digital signage solutions for organizations of any size and across any sector
- Unique industry leading features and market specific application

Headquartered in Scotland UK, we extend our global reach through our offices in Atlanta, London, Paris, Melbourne, Munich, Dubai, Hong Kong and Johannesburg. Localized knowledge and expertise is enhanced through the Exterity StreamForce program of credible, technically innovative partners, plus an extensive network of in-country resellers and distributors.

The result

The Exterity system enables City of Glasgow College to share relevant educational and entertaining video content with all students, faculty, staff and visitors across both growing campuses.

“Twenty years ago, walking into a campus library that had screens updating in real time to display reading lists and the addition of new books, as well as training and study skill sessions was unthinkable, but today it’s an expectation,” commented Colin Farquhar, CEO Exterity. “It is crucial for education establishments to respond with the right enhancements that best suit its tech-savvy students. Seeing that colleges like City of Glasgow College are conscious of this, and keen to improve the student digital experience with our system, proves that the value placed on high-quality video content is strong.”

The Exterity IP video system at City of Glasgow College comprises:

- AvediaServer
- ArtioPortal middleware
- AvediaStream TVgateways
- AvediaStream HDMI and SDI Encoders
- AvediaPlayer Receivers