



University of Surrey Veterinarian School

The University of Surrey offers state-of-the-art live streaming of highly-specialised course material with Exterity IP video solutions

Opened in 2015 by The Queen, the University of Surrey's new £45 million School of Veterinary Medicine offers students a world-class facility, with state-of-the-art clinical, pathological, teaching, research and diagnostic laboratories and skills centres. Growing in recognition as a leading veterinary medicine and science institution, The Times and Sunday Times Good University Guide 2016 has already ranked it as provider of the top veterinary biosciences degree in the UK.





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Simon Loder, Senior Media Systems Analyst
University of Surrey

The challenge

The quality and offerings of educational facilities play an important role in the decision that young students make when considering which university to attend, especially for highly specialised programmes like veterinary medicine. With the increasing integration of technology into universities, students have high expectations when it comes to accessing high-quality content that is tailored to their curriculum requirements and will best equip them for professional life.

With half of the world’s top ten veterinary science schools located in the United Kingdom, competition is fierce, and technology plays a crucial role in the students’ choice, as well as the quality of the course material. To ensure that it could offer tailored video services in the Veterinary Pathology Centre, the University of Surrey decided to extend its collaboration with Exterity, which already equips the Surrey Sports Park.

The solution

The School of Veterinary Medicine at the University of Surrey worked with Exterity to deploy a large-scale IP video system to give veterinary students access to high-quality live streams and recorded videos of dissection lectures. Nine encoders and fifteen screens were installed to transmit IP video across the school’s facilities, enabling the University’s AV team to transmit live footage of dissection sessions in the Veterinary Pathology Centre to two lecture theatres for viewing by up to 250 students at a time. The sessions are also recorded on the university’s server for students to access and refer to in their own time.

On working with Exterity, Simon Loder, Senior Media Systems Analyst at the University of Surrey, said: “Exterity has a proven track record of delivering large-scale, high quality and future-proofed video systems. The University’s Surrey Sports Park was the first facility on campus to work with Exterity, and it went so well that the decision to work with them again to enhance the School of Veterinary Medicine was a logical one. Observing and learning from live dissections is an essential component to veterinary education on our campus, so being able to offer our current and prospective students access to live and recorded footage is paramount for us. The nature of a pathology environment also brings complications regarding access and, at times, hazard-containment, so by using Exterity solutions we are able to give students access to material that they would not normally be able to see. The Exterity deployment has been a big success and we look forward to continuing working with them in the future as we prepare to grow our student enrolment over the coming years.”

The result

The Exterity system deployed across the School of Veterinary Medicine delivers live and recorded videos of livestock, equines, exotics and companion animal dissections and lectures to its BSc, MSc and PhD students. It enables more students to safely observe and learn from these dissections, live or recorded through the school server for later reference. The university already plans to extend the system to offer video recordings of more courses, accessible via a Video on Demand (VOD) portal across the university campus, beyond the School of Veterinary Medicine.

Colin Farquhar, CEO at Exterity, commented on the installation: "The extensive use of IP video as a learning tool is a huge incentive for students to choose the University of Surrey, and we hope it contributes to the university's growth and rank in the UK and beyond as it offers such forward-thinking veterinary medicine and science facilities. We look forward to continuing working with the University of Surrey to offer even more high quality and accessible content to students across different fields of study and the wider campus."

The Exterity IP video system at the University of Surrey comprises:

- AvediaServer® to manage and control all video activity on the network
- AvediaStream® Encoders used for streaming TV and video to the Surrey Sports Park and the School of Veterinary Medicine
- AvediaPlayer™ Receivers to deliver video streams to over 12 screens

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Colin Farquhar, CEO, Exterity

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 and video 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 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.