



BANGOR UNIVERSITY

OCEAN SCIENCES

MARINE CENTRE

CASE STUDY

Nine-screen Samsung Video Wall provides a window into student life and academic research at the School of Ocean Sciences, Bangor University.

The three by three Samsung video wall situated at the main entrance to the University's Marine Centre Wales supports student recruitment provides a showcase for research and acts as a notice board for activity and upcoming events.

Opened by HRH the Prince of Wales in July 2016, Bangor University's Marine Centre Wales provides a home for the Centre for Applied Marine Sciences as well as a collaborative space for researchers, commercial operators and agencies in the Welsh marine sector.

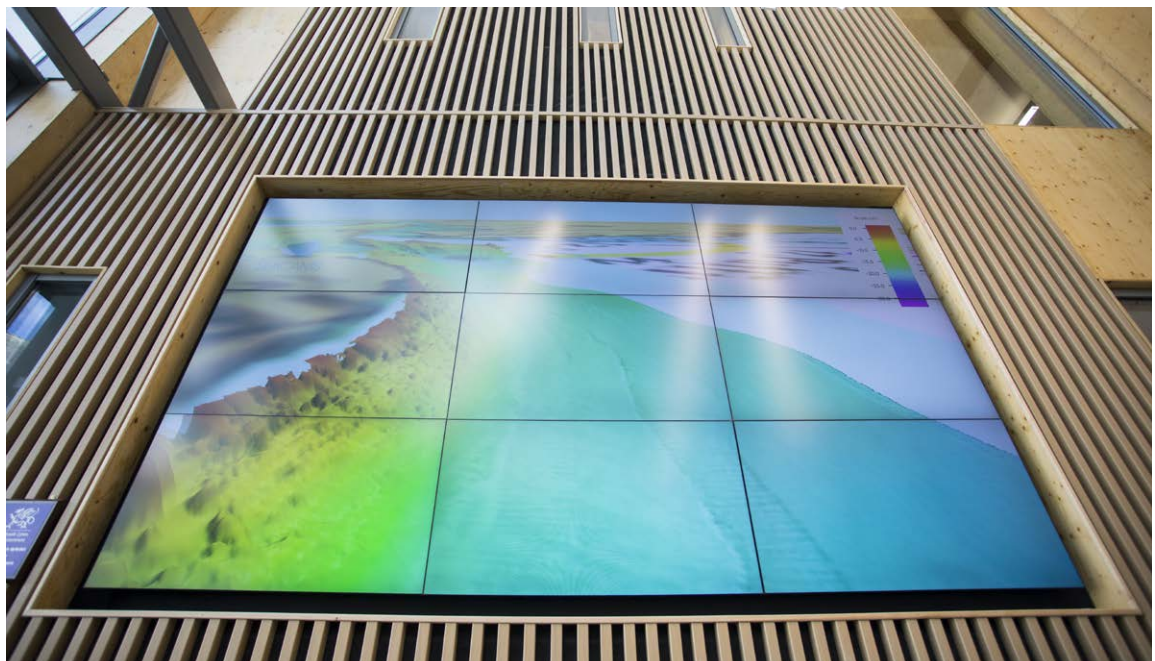
In early 2016, Pure AV was engaged by the University to complete the audio visual works at the new building; a project that would include the three by three video wall in the entrance area and a seminar room with dual projection screens and video conferencing facilities.

AN ADAPTABLE SEMINAR SPACE AND DIGITAL CANVAS

The University wanted a solution that would be straightforward to use and maintain. The user control needed to replicate systems already in place within the wider University estate and the seminar room adaptable for use as a single room or two smaller teaching spaces.

Situated within a glass fronted atrium the video wall needed to deliver bright, high-quality images that would create a strong first impression on visitors to the building.

Pure AV selected nine Samsung UD55D screens, mounted on Peerless SMARTMount DS-VW765-LQR brackets to create the video wall. The Samsung screens create a bright, high definition canvas on which to display the University generated content. A OneLan system allows the University to easily update and manage the content on the video wall.



“ We work well with Pure AV; we know that once the brief is agreed, we can leave them to get on and deliver it. The Marine Centre project was another example of a well-designed project, efficiently delivered.”

We are very happy with the results and almost 18 months on the system continues to perform to expectations and fully support our objectives.

GRAHAM WORLEY
Research IT manager, Bangor University

A SHOWCASE FOR RESEARCH

A year on from installation, Graham Worley, research IT manager at the College of Natural Sciences is delighted by the adoption of the system. He explains, *"I admit I was initially concerned about having sufficient content to display on the video wall, but, engagement with the system has exceeded all expectations. Content is regularly contributed by research staff all keen to create and share footage relating to their field of research"*.

The material displayed on the video wall is changed regularly and often at a moment's notice; the OneLan system providing a straightforward way for university staff to add and schedule different material. Both full-screen views and split screen displays are utilised according to the demands of the content.

The use of Peerless SMARTMount DS-VW765-LQR brackets facilitates the maintenance of the video wall. The quick release mechanism providing easy access to the individual screens as required.



COLLABORATION BETWEEN INSTITUTION AND INDUSTRY

The seminar room on the top floor of the building replaces the lecture theatre of the old site to provide space for meeting and seminar activity.

The two Epson EB-G6570WU projectors can be used in tandem to ensure good visibility throughout the room when used as a single space or operated independently when the area is configured as two separate rooms.

The AMX control system replicates that used throughout the university and provides familiarity for room users. Video conferencing is booked and managed through the Welsh Video Network and delivered through a Polycom RPG 500-

750 Eagle Eye III VC system. Sennheiser microphones and Extron speakers provide audio and voice reinforcement within the seminar room.

Graham Worley confirms that the rooms are in high demand and that the video conferencing facilities have become an important tool to facilitate multi-institutional research and collaboration with industry. *"Our experts here work with agencies and governments to provide advice and information on sustainable fisheries and the protection of the marine environment both locally and as far afield as the Arabian Gulf, the Indian and Arctic Oceans. The facilities here help to support that activity"*.

