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ATG DANMON UK

IN COOPERATION WITH



News Studio Facility for Cardiff University's School of Journalism, Media and Cultural Studies

Main studio during construction.



ATG Danmon is one of the world's most successful providers of high-end reliable and easy-to-operate integrated systems for broadcasters and programme makers.

Active in Europe, Asia, Africa and the Middle East, ATG Danmon is part of the Dan Technologies Group which operates from offices in the United Kingdom, Germany, Denmark, Norway, Portugal, Spain, Sweden, the United Arab Emirates and Vietnam.

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ATG Danmon has completed a full broadcast-quality news studio facility for Cardiff University's School of Journalism, Media and Cultural Studies. The project coincides with a relocation to new city-centre premises situated next to BBC facilities. Cardiff University will use the facility to train the next generation of television, radio, online and printed-media journalists. CJP Broadcast Service Solutions provided the engineering and installation services on the project.

Cardiff School of Journalism, Media and Cultural Studies (Ysgol Newyddiaeth, y Cyfryngau ac Astudiaethau Diwylliannol, Caerdydd) is Cardiff University's school for training in media. It was founded as the Cardiff Journalism School in 1970 and is the longest established postgraduate centre of journalism education in Europe. The school is considered to be one of the best training centres for journalists and is described as 'the Oxbridge of journalism'. The school is also home to Cardiff University's Centre for Community Journalism which developed the world's first Massive

Open Online Course on community journalism.

ATG Danmon was invited to propose a turnkey solution based on an outline specification provided by the university. The project comprised a large TV studio and dedicated gallery, a smaller TV studio with its associated gallery, plus a broadcast newsroom. Both galleries connect via SDI to Vizrt media, graphics and automation. Avid iNEWS is also integrated

The system links to a news presentation suite where a remotely controlled camera and two-way video feed allow the newsreader to talk to a newsroom reporter. The systems simulate the functionality and processes of a real broadcast environment, the output being used for academic review.

ATG Danmon worked in partnership with CJP and Cardiff University staff to design and integrate a complete solution that kept within the budget and provided the specified level of

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ISO 9001 No. FS 54441



News presentation suite.

functionality that is required by the teaching staff. This was successfully achieved before students returned after the summer recess.

Systems designed and installed for the large studio and gallery include studio lighting under control from a DMX console, gallery furniture, vision and audio monitoring with 55-inch displays, two-way gallery/studio communications, wireless presenter talkback and teleprompt.

The new equipment was integrated with existing elements including dual lighting rails, three studio cameras, Vizrt studio automation, a Ross Video vision mixer (previously supplied by ATG Danmon) and a Yamaha audio mixing desk.

The smaller of the two TV studios is a single-camera version of the large studio, with similar infrastructure. ATG Danmon provided and integrated a single-rail light support with cabling, Vizrt Opus compact-control-room automation and a Yamaha audio mixing desk.

For the central apparatus room, ATG Danmon recommended and integrated a Ross Video Ultrix router mainframe, Ross glue, Blackmagic OpenGear analog to SDI conversion and Blackmagic Teranex SD/HD/UHD standards conversion. Two-way camera and control system, broadcast-quality monitors and talkbacks were provided, along with all studio to central apparatus room infrastructure cabling.

Among other specific system components were a Blackmagic URSA Broadcast camera with Fuji lens, Blackmagic multiviewer and studio floor monitors, Shure wireless microphones, Blackmagic HyperDeck video recording, Autoscript WinPlus-IP teleprompting, plus Custom Consoles control desks and monitor mounts.

Training in the operation and maintenance of the systems was provided by CJP on completion of the project, which also includes warranty and the option of long-term technical support.

Control gallery.

