



Video insert studio for global financial service in London's Canary Wharf

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, Sweden, Vietnam and Dubai.

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ATG Danmon has completed a broadcast-quality insert studio at the London offices of a US-based global financial service. Located at the organisation's premises in Canary Wharf, the studio allows the creation and editing of presenter-to-camera contributions for a financial-news broadcast network and will extend the capabilities of the organisation's existing internal television communications.

The insert studio is linked to a master control room and central apparatus room, both of which were designed, built and put into commission by ATG Danmon in 2007. The entire system is configured to operate at full broadcast quality. Installation was co-ordinated by Product Specialist Jonathan Baker and Project Engineer Kelvin Neath.

With offices in more than 40 countries, the client uses television as a central element of its management and person-to-person communication strategy. The system ATG Danmon installed in 2007 has allowed the organisation's global staff to operate as a cohesive team without wasting time and money on repeated long-distance travel. The ability to contribute directly into financial news broadcasts delivers huge additional advantages in terms of wider corporate visibility. The new ingest studio, like the existing master control room and central apparatus room, will be backed by an ATG Danmon maintenance contract.

Front end of the insert studio is a Sony HDC-P1 high definition camera with three 2/3 inch Power HAD CCD sensors and HD-SDI output. This feeds a Grass Valley Indigo multi-format mixing platform which allows video and audio to be controlled from a single desk panel. The Indigo can be used to mix in high-resolution graphics as well as performing automated device playback and control via industry-standard connections. Keyers and effects such as picture-in-picture are included. Picture monitoring is via two 17 inch TV Logic LCD panels.



Also installed in the insert studio is an editing system comprising Apple Final Cut Pro software running on a Mac Pro desktop computer. An AJA KONA LHi video and audio interface delivers 10-bit video up/down/cross-conversion across a wide range of formats and frame rates as well as providing connectivity to the edit suites. Source files and edited content are stored on a 3 terabyte G-Technology external hard drive.

The project included expansion of an existing 128 x 128 Pro-Bel Sirius frame to accommodate an extra 16 high definition inputs and outputs.

