

News Release



FOR IMMEDIATE RELEASE

TeamCast introduces powerful and cost effective OEM technologies for ATSC Digital TV applications

Chicago, Illinois, April 14, 2008 – TeamCast is introducing new OEM modules for ATSC Digital TV applications at the 2008 NAB Show.

The new modules introduced at NAB2008 are the **GFX-0300** engine for ATSC on-channel and off-channel repeaters, and the **SUS-2000** ATSC signal generator with built-in channel emulator.

The **GFX-0300** is a world leading OEM technology product for applications in multi- and single frequency broadcast networks, including general gap-filling, network densification, repairing coverage 'holes' and improving in-building reception. The GFX-0300 uses a revolutionary new input tuner design, plus optimised on-channel repeater (OCR) technology developed by the BBC Research Department in the UK. It provides unprecedented performance for implementing ATSC On-Channel-Repeaters in 6 MHz channels, operating across the entire VHF or UHF bands. The GFX-0300 also exhibits superior digital pre-correction, echo cancellation and resilience to Doppler distortion caused by antenna instability.

The **SUS-2000** is a new OEM product combining TeamCast's high performance ATSC 8VSB modulator with a comprehensive transmission channel emulator, to produce a single, compact module. The SUS-2000 facilitates the building of powerful and efficient signal generators for extensive testing of ATSC receivers at both the development and the production levels. The channel emulator enables the simulation of all the usual reception impairments found in practice, such as noise, fading, echoes, Doppler distortion ...

"The GFX-0300 on channel repeater is a valuable and innovative product which will be essential for the optimisation of Digital TV coverage before analog switch off can take place in the US," says Eric Pinson, Broadcast Product Line Manager at TeamCast. "These powerful OEM modules form a key technology function for ATSC equipment suppliers, especially for those players who wish to take a leading position in the market for cost effective low power 8 VSB transmitters and repeaters".

The complete ATSC product range will be presented at TeamCast's booth no. **C3020** at NAB2008.

More information at: www.teamcast.com

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