



## PRESS RELEASE

### **The world sees that DVB works - Interoperability proved at NAB'96**

**Las Vegas 19th April 1996.** By the close of the record-breaking NAB '96 exhibition, thousands of visitors to the DVB (Digital Video Broadcasting) stand had seen for themselves that the open DVB system works, and works well. DVB-compliant coding, modulation, and decoding equipment from many different manufacturers was interconnected via standard DVB interfaces, and could be seen working together without problems, demonstrating clearly that DVB equipment is interoperable.

With multiple programme feeds from three satellite services, a four programme MPEG-2 multiplex from the Philips NAB'96 stand, and three programmes generated locally from equipment on the stand, the DVB team were able to demonstrate conclusively that signals from a wide range of sources could be encoded and modulated through equipment made by different manufacturers, and subsequently decoded via a range of IRDs (set top boxes) from different makers. To show that DVB works equally well for cable transmission, OFDM DVB satellite signals were transmodulated to 64-QAM DVB cable format signals, which were then decoded by a standard DVB cable set-top box. Using a 'patch panel', the multiple programme source signals could be routed via coding and modulation equipment from different manufacturers before being upconverted and passed to the IRDs, the outputs of which were shown on monitors mounted above them.

These clear demonstrations of the interoperability of DVB equipment fascinated broadcasters from all around the world, many of whom have to make imminent decisions about how digital broadcasting is to be implemented. The successful DVB demonstrations at NAB'96 make it likely that many of these opinion formers will recommend DVB for adoption by their own companies and countries.

Manufacturers who provided equipment used on the DVB stand included Scientific Atlanta, who co-ordinated the interconnection of the many different items of equipment, ComStream, JVC, Philips, SONY, Symbionics, Synergistics Technologies Incorporated, TANDBERG, TV/COM, and TEE-COM.

***While others make plans for digital TV - DVB MAKES IT HAPPEN!***

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