



Newtec to launch revolutionary product at NAB
New concept allows seamless integration of IP networks with DVB-S2 satellite equipment

Las Vegas— April, 2006. Newtec, the first company to demonstrate and report major sales of DVB-S2 equipment last year at NAB, is returning to Las Vegas in 2006 with a new product concept that will revolutionize the way IP data is transmitted over DVB-S2 satellite links.

The new concept expands the existing Azimuth family of DVB-S and DVB-S2 modulators, demodulators and modems with the addition of a new interface and processing module literally packed with innovative features. This module, the NTC/7015, allows IP services to be connected directly to the modulation equipment by providing on-board switching and encapsulation according to the protocols most commonly used in the industry: data piping, Multi-Protocol Encapsulation (MPE), Ultra-Light Encapsulation (ULE) or MPEG video over IP (RTP/UDP). But, it is also the first product on the market to truly enable the advanced features of DVB-S2, such as generic mode encapsulation (IP data sent in native format without MPEG overhead), multi-stream operation (several IP or MPEG streams sent simultaneously on the same carrier), and Variable Coding and Modulation (each service transmitted with its own set of modulation parameters).

“Finally, a single product brings the IP and SATCOM worlds together and simplifies our lives” says Arnaud Barthélemy, Product Line Manager and Director Sales & Marketing SATCOM products EMEA. Indeed, the benefits for the users are numerous:

- Saving on the cost of equipment and rack space, as the switching and encapsulation of IP data are typically performed in expensive external devices.
- Saving on the cost of the satellite capacity, as the data is encapsulated and modulated in a much more efficient way compared with DVB-S (up to 4% saving due to generic mode encapsulation, 40% saving due to DVB-S2 error correction code and spectrum shaping, and an additional 20% saving due to VCM operation)
- Ease of configuration and operation, as the integration of the IP network and satellite transmission equipment is seamless
- Flexibility, as the same equipment is compatible with both MPEG and IP formats, and multiple streams can be transmitted and received without multiplexing equipment.

The new product is ideal for applications such as IP trunking, interfacing IPTV and satellite infrastructures, distribution of multimedia services via satellite, and Internet

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access via satellite. It will be demonstrated live at NAB 2006 (24-27 April) at the Newtec booth (C7144).

About Newtec

Since its establishment in 1985 in Belgium, Newtec is shaping the future of Satellite Communication, offering highly reliable products and solutions as DVB modulators, Digital TV & Radio Distribution networks, interactive TV networks and IP Broadband Access Networks to customers throughout the entire world.

With its ambitious policy of re-investment in R&D, Newtec has always been in the forefront of innovative satellite communication technologies that have eventually been published as industry standards (DVB, DVB-S2, DVB RCS, and iSatTV Cenelec pr EN50478). Newtec has regional offices in Stamford (USA), Singapore, Beijing (China), Dubai (UAE), Sao Paulo (Brazil).

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