



NEWTEC CLEAN CHANNEL TECHNOLOGY™ RECEIVES AUTHORISATION FOR COMMUNICATIONS OVER INTELSAT SATELLITES

SINT-NIKLAAS, Belgium, 21 May 2012. Satellite specialist Newtec has received authorisation from Intelsat, S.A., the world's leading provider of satellite services, for use of its Clean Channel Technology™ (CCT) on Intelsat satellites.

CCT is Newtec's first step toward extending the current DVB-S2 digital signal transmission standard. The technology further improves satellite transmission efficiency by up to 15 per cent compared to the current DVB-S2 standard for IP trunking, backhauling, government networks and broadcast contribution. This data is based on live tests conducted in Newtec's laboratories and Intelsat's teleport in Fuchsstadt, Germany. Newtec's customers will be able to utilise CCT, as it is available as a software field upgrade for existing Newtec equipment.

During the test at Intelsat's Fuchsstadt teleport, Newtec demonstrated 485 Mbps throughput over a 72 MHz C-band transponder on an Intelsat satellite, or nearly seven bits per hertz. The transmission used CCT and Newtec Bandwidth Cancellation technology alongside a Newtec Wideband modem.

"We plan to implement the proper software upgrades to our Newtec-based IntelsatONE managed services platforms to allow our customers to leverage Newtec's Clean Channel Technology," said Steve Good, Intelsat's Vice President of Network Services Product Management. *"In particular, customers that use this technology with a 72 MHz transponder can achieve attractive price-per-Mbps rates for trunking and fibre restoral purposes."*

Serge Van Herck, CEO of Newtec, said, *"We are quite proud having received Intelsat's authorisation for rolling out our Clean Channel Technology on their satellite fleet. We are convinced that our current technologies, combined with our soon-to-be released Wideband technology, will benefit our customers in the years to come, both technically and financially."*

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Further Information and Videos:

- **Newtec's Clean Channel Technology™ (CCT)**
further improves satellite efficiency by up to 15 %
www.newtec.eu/clean-channel-technology
- **Newtec's Bandwidth Cancellation**
combining the forward and return transmissions in the same satellite bandwidth for extra capacity
www.newtec.eu/bandwidthcancellation

About Newtec

Newtec (www.newtec.eu) is a global industry leader, shaping the future of satellite communications. Offering state-of-the-art products and scalable, integrated solutions for broadcast, broadband access and backbone and trunking applications, Newtec helps customers achieve greater efficiency, increase performance and expand market reach.

With its passionate commitment to R&D and its strong relationship with the European Space Agency (ESA), Newtec remains in the forefront of technological development, continuing the pioneering contributions that have led to industry standards including DVB, DVB-S2, DVB RCS and iSatTV Cenelec pr EN50478.

Newtec's worldwide customer base includes the industry's most prestigious broadcasters, satellite operators, telcos, systems houses and broadcasting unions. Established in 1985 and headquartered in Belgium, Newtec has regional offices as well as additional R&D centres located in Stamford, Conn. (U.S.), Singapore (Singapore), Beijing (China), Dubai (UAE), São Paulo (Brazil), Berlin (Germany) and France.

About Intelsat

Intelsat (www.intelsat.com) is the leading provider of satellite services worldwide. For over 45 years, Intelsat has been delivering information and entertainment for many of the world's leading media and network companies, multinational corporations, Internet Service Providers and governmental agencies.

Intelsat's satellite, teleport and fiber infrastructure is unmatched in the industry, setting the standard for transmissions of video, data and voice services. From the globalization of content and the proliferation of HD, to the expansion of cellular networks and broadband access, with Intelsat, advanced communications anywhere in the world are closer, by far.