



NEWTEC MULTISTREAM IMPLEMENTATION MEETS THE CHALLENGE SET BY ITALIAN TV GIANT

Sint-Niklaas, Belgium, 15th March 2010. Newtec, the first company in the market to fully implement DVB-S2 Multistream technology in its product range, announces the successful completion of the first deployment phase of its solution enabling primary distribution of digital terrestrial TV in Italy.

Telecom Italia Media Broadcasting (TIMB), which has become the leading terrestrial television network operator in Italy, has over a million subscribers and first started broadcasting in the DVB-T format in 2005. The TV content was initially distributed to the transmission towers via satellite using DVB-S technology. TIMB needed to make its network much more efficient by reducing both operational costs (OPEX) and capital investment (CAPEX) and by implementing a solution that was SFN (Single Frequency Network) compliant, in order to reduce the number of terrestrial frequencies it used.

Newtec, together with its local Italian distributor CVE (Comteck Video Enterprise), was able to meet this challenge with its DVB-S2 Multistream solution, which allowed TIMB to limit CAPEX, by using only one demodulator to receive four signals in each tower and reduce OPEX by increasing bandwidth efficiency over satellite. Newtec's solution at the same time is fully compliant to both SFN and DVB-S2 standards.

"During the analogue switch off activities, Newtec's solution represents not only a faster and more cost efficient way to manage remote site connections but is also a great way to reduce costs in satellite transponder renting," said TIMB CTO Crescenzo Micheli.

"The Newtec system was extremely simple to deploy and offers excellent performance and stability – benefits which were critical to our introduction of an additional transport stream over existing satellite links, and in preparation for a future rollout of high definition video services," Micheli added.

The Newtec equipment used in the new Multistream network is the AZ810 Stream Aggregator, along with the AZ110 Broadcast modulator both in the head-end and the HZ914 Multistream receiver in the transmitter towers across Italy.

"Newtec has a long-standing commitment and a proven track record in Multistream with multiple deployments worldwide, and we were proud to work with our partners CVE to deliver this important solution to such a high profile client in Italy," said Newtec CEO Serge Van Herck.

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ABOUT NEWTEC

www.newtec.eu

Newtec is the European market leader in Satellite Communications, offering highly reliable products and solutions including DVB-S2 modulators and modems, Digital TV & Radio Distribution and Exchange networks, IP Broadband Access Networks as well as software solutions for the optimization of Internet traffic to customers worldwide.

With its ambitious policy of re-investment in R&D, Newtec is recognized as a forerunner in several innovative satellite communication technologies, which have been published as industry standards (DVB, DVB-S2, DVB RCS and iSatTV Cenelec pr EN50478).

Established in 1985, and headquartered in Belgium, the company has regional offices located in Stamford (US), Singapore (Singapore), Beijing (China), Dubai (UAE) and São Paulo (Brazil). Newtec's Tellitec[®] IP software products for Internet traffic optimization and data communication are engineered in Newtec's research and development facilities in Berlin (Germany). Newtec's subsidiary TurboConcept in Brest (France), develops Intellectual Property Cores for turbo and LDPC building blocks.

More details about Newtec's Multistream technology as well as customer reference cases, applications notes and white papers are available at following link: **www.newtec.eu/Multistream**.

For more information on Newtec's products and solutions visit Newtec at Satellite2010 show in Maryland, booth 817, from March 16th until March 18th 2010: **www.newtec.eu/Satellite2010**.

ABOUT TELECOM ITALIA MEDIA BROADCASTING (TIMB)

www.timb.it

TIMB is a fully owned subsidiary of Telecom Italia Media, which through its brand "LA7" is the Italian private television channel considered as the third major network in Italy.

TIMB is a major terrestrial television network operator in the Italian broadcasting scenario since May 2006 when it was granted the license from public authorities.

TIMB operates, manages and develops transmission networks through which group-owned and third parties digital and analogue television channels are broadcasted all over the Italian territory. TIMB can rely on state-of-the art ICT technologies as well as top level technical staff. From its Rome based teleport, TIMB is also a focal node for all content providers who need occasional and long term broadband services and hosting services on TIMB Head-End infrastructure

TIMB is now facing the big challenge of the switch-off process that involves the entire national territory and will terminate in 2012. Thanks to DVB-S2 solution provided by Newtec, TIMB is carrying his four MUX to every single transmission site using just one Uplink system.

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