



**Newtec to demonstrate and launch the world's first DVB-S2 ACM product for DSNG applications at IBC2006:**

**Amsterdam, September 2006.** Newtec is launching a ground-breaking product for Digital Signal News Gathering (DSNG) at IBC2006. The product is a new satellite system that helps broadcasters cut their satellite costs by more than 50%, increases the video quality of the satellite feeds, and prevents transmission outages due to rain fade.

The system consists in a compact DVB-S2 satellite modem carried in the SNG van or flyaway case, and a small subsystem to be installed in the broadcaster's studios.

This equipment offers one of the world's first implementations of the DVB-S2 Adaptive Coding and Modulation (ACM) mode, which allows the modulation parameters of the SNG uplink to change dynamically according to the receive conditions at the broadcaster's studios.

When ACM is used, the satellite link margin can be kept to a minimum. Newtec's implementation automatically ensures that the maximum data rate (and therefore video quality) is available at all time, and that the link is never interrupted by rain or snow conditions.

“With the multiplication of TV channels and the deployment of HDTV, most broadcasters are confronted with increasingly high bills for their satellite capacity, or are simply unable to respond to the demand with their existing capacity. With this unique product we offer them the possibility to drastically reduce their satellite costs, or to increase their capacity without compromising on the video quality” says Dirk Breynaert, CTO of Newtec.

This cutting edge product will be demonstrated for the first time at IBC2006.

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## **About Newtec**

Since its establishment in 1985 in Belgium, Newtec has been among the market leaders 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 is being recognized as the forerunner in several innovative satellite communication technologies, which eventually were published as industry standards (DVB, DVB-S2, DVB RCS and iSatTV Cenelec pr EN50478).

Newtec has regional offices located in Stamford (US), Singapore (Singapore), Beijing (China), Dubai (UAE), São Paulo (Brazil) and Johannesburg (South Africa).

Newtec is part of a group of companies that also includes Teamtec (manufacturing) in Belgium and Tellitec (IP software solutions) in Germany.

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