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**NEWTEC's FlexACM BRINGS 100 % LINK AVAILABILITY FOR
HORIZON SATELLITE SERVICES**

Newtec, a world-leading innovator in the satellite and communications industry, has today announced that Horizon Satellite Services, headquartered in the United Arab Emirates, has selected FlexACM from Newtec - a solution capable of maintaining the service of satellite links at all times, in all weather conditions, and delivering highly increased IP throughput. Horizon implemented FlexACM on an IP point-to-multipoint star network, and achieved 100 % IP link availability, and a significant higher average throughput.

Horizon has a link with an uplink in Europe, connecting to several sites in the Middle East. For a certain site, receiving conditions were not optimal because the site was on the edge of the satellite footprint. Further, the link experienced a daily variation of 3dB peak-to-peak in C/N due to interference from adjacent carrier intermodulation and antenna tracking errors.

Horizon Satellite opted to upgrade its existing Newtec equipment to enable Newtec's FlexACM solution. The upgrade consisted in adding a redundant Newtec EL860 ACM Controller, Traffic Shaper and IP Encapsulator to the hub and to upgrade the modems EL470 of the remote stations with FlexACM clients. All products are part of Newtec's Elevation product family and the performance of the end-to-end solution is maximized thanks to the cross layer optimisation of the different FlexACM components.

After the upgrade to FlexACM, the link remained up at all times, even during degraded link conditions. In addition to this, Horizon was able to utilize a higher modulation order on its links, increasing from 16APSK 2/3 to 16APSK 5/6. This meant a throughput gain of 74 Mbps to 92 Mbps, on average an increase of 25 %. Horizon is now assured that the link performs to what is maximum achievable at any time and in any condition.

Subair Mullappally, Operations Director at Horizon said: *"Using FlexACM we not only benefit from an increased throughput, but the down-time of Horizon's links has been completely removed, delivering and "always-on" service level to our customers at all times."*

Serge Van Herck CEO Newtec said: *"Horizon is yet another high profile customer that has adopted our FlexACM solution. The offering is an extremely beneficial solution and works to optimise degraded link conditions such as rain, when a satellite is in declined orbit or when it is experiencing limited receive conditions."*

“FlexACM brings huge benefits to our customers by assuring 100 percent availability, lower operational costs and higher revenue streams,” concluded Van Herck.

Due to the excellent results Horizon received following the implementation of FlexACM, the Company decided to also replace the legacy equipment in its return links with Newtec equipment, as well as implementing the solution into three more of its links.

Ends.

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ABOUT NEWTEC

Newtec is one of the market leaders 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.

About Horizon Satellite Services

Horizon Satellite Services FZ-LLC (HSS) is a licensed Satellite Communications Service Provider which caters to clients in the Middle East, Asia and Africa.

HSS, with its office in Dubai Internet City, Dubai, UAE, provides full regional support through its Network Operations Center in different parts of the Middle East, Asia and Africa. The Network Operation Center in Dubai operates 24/7 to monitor all the customers' links and respond to clients' queries.

HSS operates its teleport from Germany with open transit Internet backbone connectivity.

HSS clients' base currently includes some of the largest corporations of the Middle East including ISPs, Resellers and Corporate clients.

Current space segment coverage is provided through a fleet of satellites including Eutelsat W5, W6, SESAT-II, W3A and Intelsat IS-12, IS 10-02.

More details are available at www.horizon-satellite.com

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