



Wheels of the industry

Satellite Evolution Asia (SEA) presents a round-up of the latest satellite technology introduced by the industry's leading manufacturers. To have your products listed in future issues of 'Wheels of the industry', please contact Giovanni Verlini at: giovanni@satellite-evolution.com

New product line at SeaSpace corporation

The Allied Defense Group, Inc. has announced the formation of a new Antenna Division and a new line of antenna products for satellite communications developed by its California-based subsidiary, SeaSpace Corporation.

SeaSpace's new Antenna Division will offer a complete line of new TeraScan antenna products employing SeaSpace's new **AXYOM** technology (patent pending), targeted at a growing US\$150 million market segment. In 2003, The Allied Defense Group and SeaSpace made a multi-million dollar investment in the design and manufacture of this next generation of antenna systems for higher performance applications.

SeaSpace unveiled its newly-developed TeraScan antennas utilising **AXYOM** technology at the International Telemetry Conference in October 2004 in San Diego, California. The TeraScan **AXYOM** antennas were designed specifically to support the future National Polar-orbiting Operational Environmental Satellite System (NPOESS) satellites, as well as other high performance applications. TeraScan **AXYOM** antennas are being introduced now to permit users to be fully operational well before the first NPOESS satellite launch. **AXYOM** technology represents lower acquisition cost, increased performance, reduced risk and reduced life-cycle costs for SeaSpace customers.

SeaSpace's landmark **AXYOM** technology was developed to allow TeraScan[®] antennas to meet the rigorous 24 hours a day, 7 days a week, 365 days a year operational requirements of NPOESS. **AXYOM** technology provides high reliability and low maintenance requirements, an important consideration since some NPOESS era ground stations will operate unattended in diverse, and sometimes severe, environments ranging from the tropics to polar regions. ■

iDirect Technologies launches the new iDirect iNFINITI Series

iDirect Technologies has announced that it is broadening its product offering to better support its customers and the industry. The iDirect iNFINITI series product line includes the 3000, 5000 and 7000 series of remote Very Small Aperture Terminal (VSAT) routers supporting different levels of user requirements as well as a family of line cards enabling network operators to support SCPC, Mesh and Star networks to multiple satellites all from a single hub chassis. The hub solutions built from the iDirect iNFINITI series platform will allow for scalability to multiple thousands of remote sites. To manage the entire network, operators will be able to use the iDirect scalable Network Management System (NMS) architecture to support global network customers with a single NMS for worldwide implementation.

The iDirect iNFINITI series line of remote routers includes a low cost model optimised for Internet Protocol (IP) transfer (iDirect 3000 series), an enterprise class router designed to support business critical applications including VoIP and Video (iDirect 5000 series), and a high end solution offering full encryption and a PCI expansion slot for even greater flexibility (iDirect 7000 series). On the hub router

side, iDirect is rolling out a series of interoperable line cards designed to support greater network functionality in a single hub chassis, and virtually unlimited bandwidth when multiple chassis are networked together.

Additional information is available on the company website at www.idirect.net. ■

Palm-sized receiver

Streamer GT, the latest in a line of satellite radio products from The Brix Group, which brings affordability and portability to satellite radio, has been unveiled. With the addition of the palm-sized Streamer GT to Brix's existing portfolio of truck, auto and home satellite radio equipment, users will have 'always on' access to more than 120 channels of Sirius Satellite Radio's commercial-free music, sports, information and entertainment.

Featuring a three line full display, unique for satellite radio products of this size, the palm-sized Streamer GT also sports an ergonomically designed toggle control for easy channel changes while driving and even wearing gloves.

The Streamer GT weighs 6 ounces and has 30 presets to store your favourite channels. ■

