



April 27, 2011

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**NEWS RELEASE**

**Plaintree Systems Inc. (“Plaintree”) announces sale of Free Space Optics (FSO) units to South American VAR.**

**Arnprior, Ontario — April 27, 2011** — Today, the wireless division ( [www.freespaceoptics.ca](http://www.freespaceoptics.ca) ) of Plaintree Systems Inc. announced that it has delivered one of its largest orders for Free Space Optics to one of their VAR partners in Bolivia, South America.

“There is still high demand for a wireless solution that bridges the gap between inefficient radio and more expensive licensed technologies,” stated Graeme Cross, Business Development Manager for Plaintree. “Free Space Optics offers the end user a solution that is affordable, fast, and very secure. FSO is gaining ground in the market again as people are looking for alternatives to traditional congested radio frequency point-to-point links.”

The customer for this sale required 20 links of Fast Ethernet speeds of up to 100 Mbps along with E1 transmission capabilities. Plaintree Systems offered its 4 port E1 solution and long range LED model to meet their requirements. FSO is ideal for Bolivia which is saturated with RF signals and complex infrastructures. The client needed a system immune to these problems and that they could deploy rapidly.

Plaintree Wireless division operates out of a 135,000 sq. ft. plant in the Ottawa region of Canada with a complete engineering team and state of the art production facilities. Plaintree is a leader in the Free Space Optics industry and is one of the only manufactures to offer a non-lasing, 100% eye safe LED product.

For more information on this company, please refer to Plaintree’s third quarter 2011 financial statements together with the related Management’s Discussion and Analysis report, copies of which can be obtained from the Company’s website at [www.plaintree.com](http://www.plaintree.com) and/or under Plaintree’s name at [www.sedar.com](http://www.sedar.com).

**About Plaintree Systems**

**Plaintree** has two diversified product lines consisting of Specialty Structures and Electronics.

The Specialty Structures Division includes the former Triodetic Group with over 40 years of experience as a design/build manufacturer of steel, aluminum and stainless steel specialty structures such as commercial domes, free form structures, barrel vaults, space frames and industrial dome coverings, and the newly formed Arnprior Fire Trucks Corp., a manufacturer of high end fire and emergency vehicles.

The Electronics Division includes the legacy Hypernetics and Plaintree free space optics (FSO) businesses. Hypernetics was established in 1972 and is a manufacturer of avionic components for various applications including aircraft antiskid braking, aircraft instrument indicators, solenoids, high purity valves and permanent magnet alternators.

Plaintree’s legacy FSO product is an ultra-secure wireless communication link that uses beams of light instead of radio frequency (RF) allowing for very high rates of throughput without the overhead and interference which plagues RF systems.

Plaintree's shares are traded under the symbol "NPT". Shareholders and Investors can access Company information on CNSX's website and receive full Company disclosure monthly. For more information on Plaintree or to receive stock quotes, complete with trading summaries, bid size and ask price, brokerage house participation, insider reports, news releases, disclosure information, and CNSX and SEDAR filings, visit the CNSX website at [www.cng.ca](http://www.cng.ca) or the Company's website at [www.plaintree.com](http://www.plaintree.com).

Plaintree is publicly traded in Canada on the CNSX (NPT) and in the U.S. on the OTC BB (PTEEF), with **12,925,253** common shares and 18,325 class A preferred shares outstanding.

*This press release may include statements that are forward-looking and based on current expectations. The actual results of the company may differ materially from current expectations. The business of the company is subject to many risks and uncertainties, including changes in markets for the company's products, delays in product development and introduction to manufacturing and intense competition. For a more detailed discussion of the risks and uncertainties related to the company's business, please refer to documents filed by the company with the U.S. Securities and Exchange Commission and Canadian regulatory authorities, including the Company's Form 20-f dated September 27, 2010 and the annual report of the Company for the fiscal year ended March 31, 2010 and related management discussion and analysis.*

*Canadian National Stock Exchange has not reviewed and does not accept responsibility for the adequacy or accuracy of the content of this news release.*

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