



April 20, 2011

NEWS RELEASE

Plaintree Systems Inc. (“Plaintree”) announces Triodetic division has completed another large architectural project.

Arnprior, Ontario — April 20, 2011 — Today the Triodetic division (www.triodetic.com) of Plaintree Systems Inc. (“Triodetic”) announced that it is completing a beautiful and unique Church in Iqaluit, Nunavut.

“This church is a central social point for the entire surrounding region and is replacing the original structure which burned to the ground a few years ago,” said Bill Vangool, President of Triodetic, division of Plaintree Systems Inc. (“Triodetic”). “We invested a lot of time working with the architect, benefactors and the congregation to finalize this appealing and functional design.”

“The church resembles that iconic symbol of the North, the igloo. Everything including the impressive spire and bell towers were engineered and built in our plant,” stated David Watson, CEO of Plaintree.

Triodetic’s portion of this structure will be in excess of \$1,000,000.

Triodetic 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. In addition to industrial structures, Triodetic is an award winning designer and manufacturer of intricate architectural buildings and features.

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 and/or under Plaintree’s name at 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 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 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.cnx.ca or the Company's website at 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.

For further information: (613) 623-3434 x 2261