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**FOR IMMEDIATE RELEASE**

TIMOTHY J. ROACH, TII NETWORK TECHNOLOGIES' PRESIDENT,  
CHIEF EXECUTIVE OFFICER AND DIRECTOR, RETIRES

COPIAGUE, NY – August 14, 2006 – TII Network Technologies, Inc. (Nasdaq: TIII), a leading provider of telecommunications network protection and management products, today announced the retirement of Timothy J. Roach who has resigned as President, Chief Executive Officer and Director in a planned transition. Mr. Roach will continue as a consultant to the Company.

Charles H. House, Chairman of the Board of Directors, stated: "We wish to acknowledge Tim's contributions to TII. It's been a pleasure for me and the members of our Board of Directors to work with Tim and his team over the years. We're happy that he has chosen to remain a consultant to our Company, allowing us to continue to draw upon the value of his many years of experience."

Mr. Roach will be succeeded by Kenneth A. Paladino, who has been elected President, Chief Executive Officer, and a Director of TII Network Technologies, Inc. Mr. Paladino has been Chief Operating Officer since 2005 and Chief Financial Officer of the Company since 2000.

The Company also announced that a search for a new Chief Financial Officer is currently underway, and the selection process is expected to be completed soon.

**About TII Network Technologies, Inc.**

TII Network Technologies, Inc., designs, produces and markets network protection and management products, including lightning and surge protection products, network interface devices ("NIDs"), DSL, VoIP and other station electronics products and a multi-service residential gateway system.

Certain statements in this Report are "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. When used in this Report, words such as "may," "should," "seek," "believe," "expect," "anticipate," "estimate," "project," "intend," "strategy" and similar expressions are intended to identify forward-looking statements regarding events, conditions and financial trends that may affect the Company's future plans, operations, business strategies, operating results and financial position. Forward-looking statements are subject to a number of known and unknown risks and uncertainties that could cause the Company's actual results, performance or achievements to differ materially from those described or implied in the forward-looking statements. These factors include, but are not limited to: exposure to increases in the cost of the Company's products, including increases in the cost of the Company's petroleum-based plastic products, and the limited ability of the Company to raise the selling prices of its products; dependence for products and product components from Pacific Rim contract manufacturers, including on-time delivery that could be interrupted as a result of third party labor disputes, political factors or shipping disruptions, quality control and exposure to changes in costs and changes in the valuation of the Chinese Yuan; dependence on, and ability to retain, its "as-ordered" general supply agreements with its largest three customers and win new contracts; continued dependence on the traditional copper-based telephone operating company ("Telco") market which has been declining over the last several years due principally to the impact of alternate technologies and competition from multi-system operators; the effect of rising interest rates on new housing starts which account for a large percentage of NID sales; the level of inventories maintained by the Company's customers; the ability to market and sell products to new markets beyond its principal market – the copper-based Telco market; the ability to timely develop products and adapt its existing products to address technological changes, including changes in its principal market; weather and similar conditions, particularly the effect of hurricanes or typhoons on the Company's manufacturing, assembly and warehouse facilities in Puerto Rico and the Pacific Rim; competition in the Company's traditional Telco market and in the new markets the Company is seeking to penetrate; potential changes in customers' spending and purchasing policies and practices; general economic and business conditions, especially as they pertain to the Telco industry; dependence on third parties for certain product development; risks inherent in new product development and sales, such as start-up delays and uncertainty of customer acceptance; the ability to attract and retain technologically qualified personnel; and the availability of financing on satisfactory terms.

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