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FOR IMMEDIATE RELEASE:

TII NETWORK TECHNOLOGIES APPOINTS
DR. MARK THOMAS BRADSHAW, CPA TO BOARD OF DIRECTORS

COPIAGUE, NY - May 21, 2003 - TII Network Technologies, Inc. (Nasdaq: TIII), a leading provider of telecommunications network protection and management products, today announced the appointment of Dr. Mark Thomas Bradshaw, CPA to its Board of Directors.

Dr. Bradshaw is an Assistant Professor of Business Administration in the Accounting and Control Area at Harvard Business School. He received his Ph.D. in Accounting from the University of Michigan Business School (Ann Arbor, Michigan) in 2000 and B.B.A. and M.Acc. degrees from the University of Georgia (Athens, Georgia) in 1989 and 1995. He is a Certified Public Accountant and previously worked for Arthur Andersen & Co. in the attestation services division of their Atlanta office from 1988 to 1994, where he specialized in publicly traded companies including Delta Air Lines, Continental Airlines, and The Southern Company.

In his research at Harvard Business School, Dr. Bradshaw has examined how sell-side financial analysts incorporate accounting information in their earnings forecasts, common stock valuations, and investment recommendations. In addition, he has analyzed management reporting of modified GAAP earnings figures to the stock market. More recently, he has begun investigating the impact of accounting method choices in cross-border investments.

Professor Bradshaw is widely published, with many articles and research working papers focusing on accounting and compliance issues in financial markets. He is regularly quoted in the mainstream financial press and is a frequent speaker at industry and academic conferences and seminars. He is an ad hoc reviewer for several scholarly journals and is a member of the American Finance Association, the American Accounting Association, and the American Institute of Certified Public Accountants.

Timothy J. Roach, President and Chief Executive Officer, stated: "We are very pleased that Dr. Bradshaw has agreed to join our Board of Directors. He will contribute greatly to our Board with his knowledge of the workings of the capital markets and the role that accounting and financial disclosure play in the new financial markets environment. We look forward to benefiting from Mark's considerable financial and business experience."

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About TII Network Technologies, Inc.

TII is a proven technology leader specializing in providing the telecommunications industry with innovative, network protection and management products, including station protectors, network interface devices, DSL protectors, filters and splitters, power and data-line protectors and a multi-service residential gateway, as well as creative, custom design solutions to meet customers' individual requirements.

Statements in this release that are not strictly historical are "forward-looking" statements and should be considered as subject to the risks and uncertainties that exist in the Company's operations and business environment. These factors include, but are not limited to, general economic and business conditions, including the regulatory environment applicable to the communications industry; weather and similar conditions; the Company's ability to continue to make sales to its principal customer at or above present levels; the Company's ability to develop additional customers; competition; potential technological changes, including the Company's ability to timely develop new products and adapt its existing products to technological changes; potential changes in customer spending and purchasing policies and practices; the level of inventories maintained by the Company's customers; loss or disruption of sales to major customers as a result of, among other things, labor disputes at these customers, third party labor disputes, political unrest in or shipping disruptions from countries in which the Company's contract manufacturers produce the Company's products; labor disputes at the ports from which the Company imports its products; the Company's ability to market existing and new products; its ability to retain and win contracts; risks inherent in new product introductions, such as start-up delays and uncertainty of customer acceptance; dependence on third parties for products and product components; the Company's ability to maintain its relationship with or reduce its dependence upon one of its principal contract manufacturers which is an affiliate of a customer; the Company's ability to attract and retain technologically qualified personnel; the Company's ability to fulfill its growth strategies; the Company's ability to maintain the listing of its Common Stock on the Nasdaq SmallCap market; the availability of financing on satisfactory terms; and other factors from time to time discussed in the Company's SEC reports.

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