



ADTRAN, Inc. is a leading global provider of networking and communications equipment, with a portfolio of more than 1,600 solutions that address a broad range of needs from data connectivity to VoIP/IP Telephony, security, broadband, fiber, and Wi-Fi access. Widely deployed by carriers and enterprises, ADTRAN solutions enable voice, data, video, and Internet communications across copper, fiber, and wireless network infrastructures. ADTRAN solutions are currently in use by every major U.S. service provider and many global ones, as well as by thousands of public, private and governmental organizations worldwide.

For more information, contact the company at 800- 923-8726 or via email at [info@adtran.com](mailto:info@adtran.com). On the Web, visit [www.adtran.com](http://www.adtran.com).

## Product Overview

ADTRAN offers a broad range of IP solutions for converged networking applications including premises-based VoIP. Our NetVanta® Series of routers, switches and IP business gateways are helping carriers grow their VoIP services to new heights with flexible, value-driven solutions designed specifically for small and medium businesses (SMBs) and distributed enterprise customers. These products address today's highest networking priorities including Internet access, bandwidth expansion, VoIP migration and network security.

## Products

### ▪ NetVanta® Power over Ethernet Switches

The remarkably versatile NetVanta® 1200 Series is part of a family of full-featured, managed Layer 2 Ethernet, Power over Ethernet (PoE) and Gigabit Ethernet switches. The NetVanta 1234 PoE (24 port) and the NetVanta 1238 PoE (48 port) are managed Layer 2 switches with Gigabit uplink capability, built-in wireless access controller software, cable diagnostics, and automatic configuration. The NetVanta 1534 PoE supports the same software capabilities as the 1200 Series, but support 24 Gigabit Ethernet connections. All three products include as standard the features necessary to implement Voice over IP (VoIP) applications, including standards-based 802.3af PoE, Quality of Service (QoS) and Virtual LAN (VLAN) trunking.

### ▪ NetVanta Multiservice Access Routers

Delivering greater throughput, the NetVanta 3448 and NetVanta 1335 Multiservice Access Routers offer a variety of networking functions wrapped into a single chassis. These VoIP-ready routers include a modular WAN interface, IP router, PoE switch (Layer 2 or Layer 3), firewall and VPN. The NetVanta 1335 takes this integration concept one step further by including an 802.11a/b/g Wireless Access Point (WAP). In addition, all NetVanta Multiservice and Modular Access Routers include a stateful firewall with VoIP traversal.

### ▪ NetVanta and Total Access® IP Business Gateways

ADTRAN's Total Access 900/900e Series is ideal for transitioning to VoIP. These platforms provide a Session Initiation Protocol (SIP) gateway, robust router, and a number of analog and digital interfaces to interface to existing phone equipment or the combination of IP PBX and analog fax/phone or modem. The NetVanta 6355, a SIP gateway plus router with PoE switch, is ideal for networks with all IP endpoints, including IP PBX, phones, wireless access points, etc. This series of IP Business Gateways provides a number of standard premise configurations for trunking and premise or hosted VoIP applications.

## Solution Overview

The ADTRAN® and ShoreTel® converged voice and data solution is ideal for small and medium businesses, multi-site and distributed enterprises seeking a reliable, cost-effective means to integrate VoIP functionality into the business network. ADTRAN's widely-deployed NetVanta multiservice access routers, Ethernet switches, and market-leading Total Access IP business gateways coupled with the ShoreTel IP PBX system offer a single-source solution for unified voice and data communications. This series of enterprise-class networking equipment is specifically designed to simplify operations while reducing the cost of VoIP implementations, without compromising performance or reliability.

ADTRAN solutions introduce a new level of value into network operations with savings that extend well beyond the initial purchase price. All ADTRAN platforms provide robust routing, switching, Quality of Service (QoS) and security features needed to deploy a world class business VoIP solution. This joint solution delivers best-in-class VoIP and data performance while lowering Total Cost of Ownership, making the economics of VoIP work for SMBs.

## Key Features/Benefits

### Voice Quality

ADTRAN and ShoreTel offer high-performance, secure network solutions that reduce latency and jitter, resulting in high-quality voice communications. Wide band audio codecs deliver outstanding voice quality.

### Increased Productivity

Dynamic bandwidth and robust, high-quality, low-cost communication facilitates collaboration among employees, resulting in higher productivity.

“Partnering with ADTRAN has been an extremely positive experience for the TKE team. From training, to on-site engineering support, to testing with the carrier, ADTRAN was with us every step of the way. ADTRAN delivered the complete package – product, pricing, and performance.”

-Jim Miller, CIO,  
ThyssenKrupp Elevator

“ADTRAN’s NetVanta routers give us the features we need without asking us to pay for things we don’t need. The performance of the product goes well above the cost of the unit—it is a great value.”

-Alan Focht  
Manager, Field Operations  
TNS Media Intelligence/CMR



901 Explorer Blvd.  
Huntsville, AL 35806  
Phone: 1-800.9ADTRAN  
(256) 963-8000  
Fax: (256) 963-8699  
Technical Support: 1-800-423-8726  
Web: [www.adtran.com](http://www.adtran.com)  
e-mail: [support@adtran.com](mailto:support@adtran.com)

#### **Ease of Use**

With some of the most perceptive product designs and plug-and-play implementation in the industry, ADTRAN and ShoreTel systems live up to their reputation as the industry’s easiest solutions to deploy and use.

#### **Best-in-Class Management**

Centralized management capabilities reduce the time spent on network deployment and maintenance, increasing flexibility and reducing cost of ownership.

#### **Scalability**

ADTRAN and ShoreTel provide solutions to address small to large enterprises with equipment suited for headquarters, regional and remote or home offices.

#### **Customer Value**

##### **Ideal for Small and Medium Businesses and Distributed Enterprise Networks**

When you need a networking solution that fits the unique connectivity requirements of your business, ADTRAN is the smart choice. Our product portfolio offers a wealth of solutions, including a product suite that is tailored to the specific needs of SMBs and distributed enterprise customers. With ADTRAN’s award-winning and innovative NetVanta switches, routers, switch-routers, VPN solutions, wireless and IP telephony products, it’s easy to find a quality solution that’s perfect for your specific network needs.

##### **Reduce Total Cost of Ownership (TCO)**

ADTRAN’s value-based solutions are recognized within the industry as being easy to install, use and maintain—greatly reducing the field support normally required to keep your network connected. The simplified installation and operation of an ADTRAN solution means added value, a lower TCO—and a connectivity solution that you can count on.

##### **Feature Rich and Interoperable**

Every NetVanta solution is based on the ADTRAN Operating System (AOS), making it possible to provide products that are easy to use, easy to manage and cost effective. Features such as IP Routing, stateful inspection firewall, Quality of Service (QoS), IPSec VPN, Network Address Translation (NAT), and Dynamic Host Configuration Protocol (DHCP) are included in all NetVanta platforms. NetVanta products can coexist on a network with third-party routers using standards-based protocols.

##### **Superior Service and Support**

ADTRAN provides all-in-one solutions that deliver the most for your network investment. Every NetVanta product is backed by an industry-leading warranty, best-in-class telephone technical support from our team of degreed engineers, and is eligible for free firmware upgrades.

#### **About ADTRAN**

ADTRAN, Inc. is a leading global provider of networking and communications equipment, with a portfolio of more than 1,600 solutions for use in the last mile of today’s telecommunications networks. Widely deployed by carriers and enterprises alike, ADTRAN solutions enable voice, data, video, and Internet communications across copper, fiber, and wireless network infrastructures. ADTRAN solutions are currently in use by every major U.S. service provider and many global ones, as well as by thousands of public, private and governmental organizations worldwide. For more information, contact the company at 800- 923-8726 or via email at [info@adtran.com](mailto:info@adtran.com). On the Web, visit [www.adtran.com](http://www.adtran.com).

#### **About ShoreTel, Inc.**

ShoreTel is a leading provider of enterprise IP telephony solutions. The ADTRAN-ShoreTel solution provides customers with a number of key benefits, including ease of use, manageability and lower total cost of ownership.

#### **Disclaimer**

To be “ShoreTel Certified” means that Technology Partner’s product will inter-operate with the ShoreTel system, but ShoreTel does not certify that the features or functionality of Technology Partner’s product will perform as specified by Technology Partner nor that Technology Partner’s product will meet your specific application needs or requirements. To inter-operate means that Technology Partner’s product is able to exchange, use and share information with the ShoreTel system.

