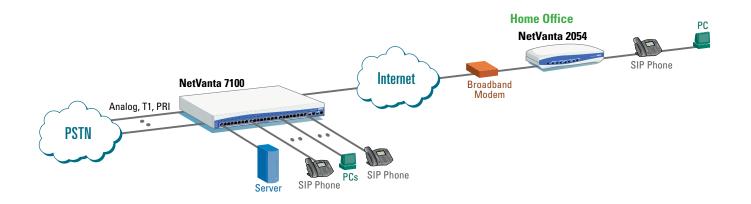
#### Featuring NetVanta 7100 and NetVanta 2054

# Teleworking and Home Office IP Telephony Solution



Many businesses find it extremely useful and productive for employees or owners to work from home, provided they can achieve the same level of functionality they are accustomed to at the business office. Using the NetVanta® 7100 in combination with the NetVanta 2054 at the remote home office, work-at-home users enjoy the same level of voice and data accessibility at an affordable price.

Using the NetVanta 2054 four-port integrated router/firewall/VPN/switch with a high-speed broadband (DSL or cable) Internet circuit, home office users can access the same voice features, company email and data servers, all from the comfort and convenience of home.

When working from home, the ADTRAN® IP telephone functions as if it is directly connected to the NetVanta 7100 IP PBX. Remote users can perform 4-digit dialing, speed dial, conference, retrieve voice mails—all with familiar phone operations.

Users also may install ADTRAN'S IP Softphone on their laptop or home office desktop PC. The ADTRAN IP Softphone is a software application that runs on a MS Windows<sup>®</sup> computer and emulates the desk phone.

With built-in firewall, the system provides authentication and protects against unwanted Internet attacks. The integrated VPN provides encryption and security across the Internet.

Users can now cost-effectively increase their productivity with a fullyfunctional remote office that offers the same features, access, and benefits as in the business office.

## **Solution Features**

- Ideal solution for home office or mobile connectivity
- Phone transparency over IP connectivity
- Enable remote users to have same features as the business office
- Supports IP desk phone or Softphone
- Secure Internet communications using integral firewall and VPN





#### ADTRAN, Inc.

Attn: Enterprise Networks 901 Explorer Boulevard Huntsville, AL 35806

P.O. Box 140000 Huntsville, AL 35814-4000

> 256 963-8000 voice 256 963-8699 fax

#### **General Information**

**800 9ADTRAN** info@adtran.com www.adtran.com

#### **Pre-Sales**

**Technical Support** 800 615-1176 toll-free application.engineer@adtran.com www.adtran.com/support

#### Where to Buy

877 280-8416 toll-free channel.sales@adtran.com www.adtran.com/where2buy

#### **Post-Sales**

**Technical Support** 888 423-8726 support@adtran.com www.adtran.com/support

#### **ACES Installation &**

Maintenance Service 888 874-ACES aces@adtran.com www.adtran.com/support

#### **International Inquiries**

256 963 8000 voice 256 963-6300 fax international@adtran.com www.adtran.com/international

> For the regional office nearest you, visit: www.adtran.com/regional

ADTRAN and NetVanta are registered trademarks of ADTRAN, Inc. All registered trademarks and trademarks mentioned in this publication are the property of their respective owners.

> ADTRAN believes the information in this publication to be accurate as of publication date, and is not responsible for error. Content subject to change without notice.



ADTRAN is an ISO 9001, ISO 14001, and a TL 9000 certified supplier

EN762F\_AOS\_14.1 December 2006 Copyright © 2006 ADTRAN, Inc. All rights reserved

## NetVanta<sup>®</sup> 7100

### **Converged IP Office in a Box**

## **Product Specifications**

#### **IP PBX System Features**

- Analog Trunks (Loop Start/Ground Start; FSK Capture of Caller ID name/number; two integral, 10 max.)
- Analog Stations (Loop Start DTMF; 1500 feet over 26 AWG; two integral, 10 maximum)
- Multilevel, eight-port auto-attendant
- Busy Lamp Field/Direct Station Select (BLF/DSS)
- Call Detail Records
- Caller ID Name/Number Override (internal and external)
- Classes of Service
- Codec support includes G.711, G.729, G.722 (wideband)
- Configurable Dial Plan
- Door Relay
- Door Phone
- Email notification of voice mail message
- Global Call Coverage Lists
- IP Stations (50 maximum; SIP hardphone or softphone)
- Least-Cost Routing
- Operator Groups
- Outgoing Number Substitution
- PRI or integrated voice, data PRI
- Personal phone manager Web page
- Ring Groups (ring all, circular hunt group, UCD, executive)
- System Speed Dial
- T1 or integrated voice, data T1
- Trunk Groups
- Variable length extension numbers (three-digit, four-digit)
- Voice mail (12 hours, eight ports)
- Virtual Extensions (20)
- Voice mail accounts (80)
- 16 DSP resources
- 64ms echo cancellation for VoIP calls

#### **IP Station Features**

- Call Drop
- Call Forward (All, Busy, No Answer)
- Call Forward to Outside Line (cell phone)
- Caller ID Name/Number Call Hold

Mute

- Call Logs Call Park Call Park Retrieve
  - Call Transfer
- Call Waiting Conferencing (3-person) Emergency call override
- Hands free intercom
- Do Not Disturb
- Headset jack
- Missed Call Indicator
- Music on Hold
- Overhead Paging
- Redial Speakerphone
- (Call Coverages) Volume Control

Message Waiting Light

Multiple Call Appearances

Personal Call Routing

- **Router Features** 
  - RIP V1, RIP V2, OSPF, BGP, and Static routes
  - PPP, PPPoE, Frame Relay WAN protocols
  - DHCP Client/Server
  - Class-based Weighted Fair Queuing, Priority Queuing, Weighted Fair Queuing
  - Diffserv aware/mark
  - MLPPP/MLFR

#### **Firewall Features**

- Stateful Packet Inspection
- NAT (1:1), NAPT (Many:1)
- Denial of Service (DoS) Protection
- Access Control Lists
- SIP aware (B2BUA)

#### **VPN Features**

- 50 tunnels
- IPSec
- DES/3DES/AES encryption

#### Ethernet Switch Features

- 10/100Base-T (24)
- 10/100/1000Base-T (2)
- Two SFP slots
- Auto-Rate
- Auto-Duplex
- Auto-MDI/MDI-X
- 802.1d Spanning Tree

Management Features

Command Line Interface (CLI)

HTTP, HTTPS (Web browser)

- 802.1p Class of Service aware/mark
- 802.10 VLANs

Telnet

**Environment** 

SSH

Physical

Equipment

T1

Dual T1

56/64K DDS

ADSL

T1/PRI

NetVanta 7100

Weight: 11 pounds

Power: 450 watts

802.3af Power over Ethernet (15.4 watts for each of the 24 ports)

Operating Temperature: 0 to 50 degrees C

Storage Temperature: -20 to 70 degrees C

Dimensions: 1.7" H, 17.2" W, 12.8" D

AC Power: 100-250 VAC, 50/60 Hz

**Ordering Information** 

Network Interface Modules (NIMs)

Voice Interface Modules (VIMs)

Analog 2-Port Trunk/2-Port Station

Analog 4-Port Station (FXS)

Analog 4-Port Trunk (FX0)

Relative Humidity: Up to 95%, non-condensing

**Chassis:** 1U, 19" rackmountable metal enclosure

Part #

1202862L1

1200872L1

1200869L1

1200861L1

1200690L1

1200691L1

1200692L1

1200695L1

1200796L1