

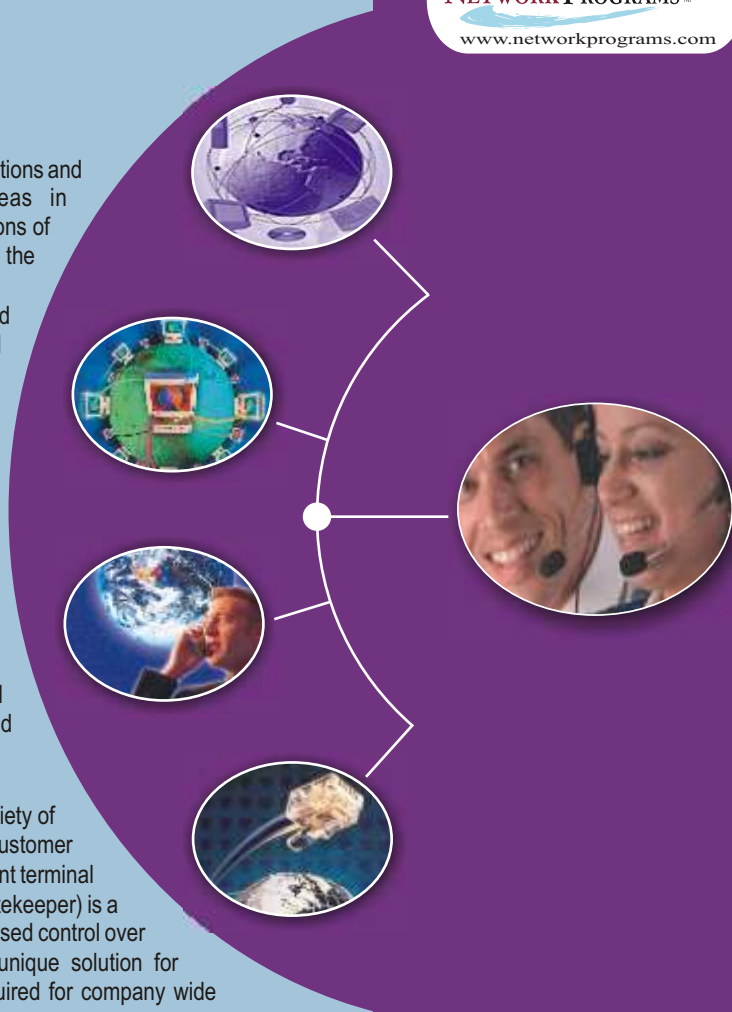
Network Programs is a global corporation providing products, software solutions and system services to customers in leading edge technology areas in telecommunications, networking technology and E-solutions. The operations of Network Programs not only help support the customers better but bring all the advantages of a global organisation to its clients.

We have proven capability in the areas of switching, call processing and performance management for ATM & STM switches, switch-related applications, IP routing, IPQoS, IPSec, and MPLS. We have been active in the field of Embedded Software Development, Device Driver Related Applications & in the field of Protocols such as GSM, IS-41, Ss7, H.323, etc. Network Programs has developed protocol stacks, provided stack based solutions and switching.

The Internet has brought about a revolution in how people communicate. The cost effectiveness and robust nature of the network combined with simplicity of access has resulted in the Internet gaining a phenomenal reach to every corner of the world. Meanwhile, PC hardware has evolved equally fast and today's multimedia PCs pack sufficient processing power to deliver high-quality audio and video - all this at extremely economical rates. This is translating into a demand for communication using voice and video, the natural way for all people, over the IP network.

The Net Whisper™ family of products from Network Programs offers a variety of Voice over Internet Protocol (VoIP) solutions to fulfill a variety of customer requirements. The Net Whisper™ (Terminal) is a full-fledged H.323 compliant terminal application for point-to-point voice communication. The Net Whisper™ (Gatekeeper) is a H.323 compliant gatekeeper application that provides a means of policy based control over VoIP calls within a corporate environment. Then Net Beeper™ is a unique solution for enterprises to facilitate one-to-many voice communication, typically required for company wide message broadcasting.

At the heart of these products lies the modular H.323 based Net Stack developed by Network Programs. It was created using object oriented principles and provides customised VoIP solutions to customers interested in special purpose VoIP enabled applications.



Net Whisper™ (Gatekeeper)))

Net Whisper™ (Gatekeeper) is Network Program's H.323 gatekeeper application featuring policy based control of H.323 VoIP zone. It allows organisations to set up robust and secure VoIP networks suitable for high quality corporate use.

Features))

- Based on ITU-T's popular H.323 standard, is compatible with other H.323 compliant applications
- Provides network security by authenticating users who want to access the VoIP system
- Provides user policy control for simultaneous voice calls in network, bandwidth, etc.
- Generates Call Detail Records (CDRs) for use by billing software
- User-friendly, GUI based installation and configuration
- Presently available on WindowsNT and Windows2000 platforms.

VoIP products to fulfill customer requirements

Net Whisper™ (Terminal)))

Net Whisper™ (Terminal) is a H.323 compliant VoIP terminal application that provides a full-duplex point-to-point voice communication over IP networks.

Features))

- Provides user-friendly, personalised, real-time, full-duplex IP based audio communication over private and public networks
- Based on ITU-T's popular H.323 standard for VoIP applications. It works with other H.323 compliant applications
- Easy to use directory support based on Light-weight Directory Access Protocol (LDAP) with address book facility; can use both user-name as well as IP addresses
- In-built answering machine with option to store messages
- Supports mute / Do Not Disturb features; helps maintain privacy
- Supports policy-based Quality of Support (QoS) feature that prioritises audio traffic dramatically improving sound quality
- Optimises valuable network bandwidth by using industry standard GSM/G723.1 audio codec
- Easy to install and configure - available on all Win-32 platforms, Windows-9x/2000
- Easy to use with H.323 Proxy, IP-PSTN Gateways, H.323 Gatekeeper

Net Whisper-323™ Stack))

Here are a few examples of how Network Program's Net Whisper-323™ Stack can be deployed in custom applications for your company.

Web Chat

One of the main reasons for the e-commerce business not realising its full potential is that buyers typically like to consult another person or talk to a company representative before making purchasing decisions. Due to this there is a rush by dot-com companies to add voice to their web pages. The Net Whisper-323™ Stack can be utilised by companies desiring to voice-enable their Web-site and provide a Web Chat feature to enable people to talk to their customer service representatives.

VoIP Call Centre

A typical call-centre is a costly affair with each agent requiring a PC as well as a telephone terminal at his desk, thus requiring dual infrastructure and adding to the maintenance woes. The Net Whisper-323™ Stack can be integrated with the call-centre so that the telephony calls from customers are carried over VoIP to the agents.

Features))

- H.323 based stack
- Source code of H.225.0-RAS, H.225.0-Q.931, H.245, RTP/RTCP protocols
- Designed in a modular manner using OOD principles; coded using C++
- Ability to undertake custom VoIP based application development for clients such as Web Chat.

Net Beeper™))

Net Beeper™ is a one-of-its-kind application from Network Programs specially designed for corporate messaging. Very often there is a need to make a public announcement to all members of a company. So far enterprises have installed and used a public-address system for this purpose.

Net Beeper™ provides a very simple and cost-effective way to solve this problem using the VoIP and IP multicasting technologies. It provides an extra benefit in that the set of recipients can be restricted so that the message does not reach all and sundry.

The solution consists of a server application and many client applications that are installed across the company. Using the server, a person can send a voice message to a group of clients.



Contact Us

For further queries please contact: marketing@networkprograms.com

Network Programs USA Inc.

CA-Mountain View Down Town
800 West El Camino Real,
Suite 180 Mountain View,
CA 94040
Tel : +1-650-903-2210 Fax : +1-650-564-9425
1430 Armitage Way
Mechanicsburg
PA 17050, USA
Tel : +1-717- 728 -8811 Fax : +1-717- 728 -8887

Network Programs Australia Pty. Ltd.

Level 17, BNP Centre
60 Castlereagh Street
Sydney, NSW 2000
Tel : 612-9231-7499

Network Programs (India) Ltd.

B-1-C, Sector - 10,
Noida - 201301
Tel : +91-120-2536622

Network Programs Japan Inc.

Nissho Bldg 3F, 2-2-8,
Ginza Chuo-Ku,
Tokyo-104-0061
Tel : +81-3-3535 8591
Fax : +81-3-3535 8593