

Visual Nexus Version 4.2 Secure Transport

The Visual Nexus® Secure Transport software enables video calls and virtual meetings to securely traverse corporate firewalls and network boundaries.

Virtual meetings between users in different locations and even different organizations are secure and simple. The technical obstacles created by the vital security features of global networks, such as firewalls and network address translations (NAT) are not risked, or compromised.



VIRTUAL MEETINGS

Face-to-face virtual meetings from your personal computer or video conferencing systems.

AS GOOD AS BEING THERE

You can see and hear the other participants in virtual meeting rooms from two to hundreds of colleagues. Includes all the data sharing and collaboration tools to make your meetings as productive as if you were in the same room

USE FROM ANYWHERE

Join a meeting from a video meeting room, from home or your desk at work. All you need is a connection to the Internet

Solution Overview

Secure traversal capabilities provide true mobility for dispersed teams enabling them to participate in virtual meetings wherever they have a broadband IP connection, be it at work, home, in a hotel, the airport – almost anywhere.

Visual Nexus Secure Transport simplifies the design and implementation of multi-media networks, as no changes are required to existing infrastructure. This software product works in conjunction with any firewall/NAT router and acts as a 'border controller' and proxy for video calls and conferences that need to traverse the network boundary.

Using Visual Nexus Secure Transport people on different networks can securely communicate across the public Internet using voice, video and data collaboration. It can be used as a standalone product or as part of the Visual Nexus virtual meeting solution.

Product Highlights

- **A Transparent Solution**
No change to existing infrastructure or behavioral change from multi-media devices is required.
- **Fits into Existing Corporate Security Policies**
Supports configurable traversal ports.
- **Multi-Vendor and Multi-Device Support**
Supports devices and endpoints from all major manufacturers. Can be managed by existing gatekeepers.
- **Any Size Deployment**
Scales from one to thousands of traversals.
- **Privacy When You Need It**
Strong encryption option available for all media.

Visual Nexus virtual meetings are as good as being there.

Achieve More; Travel Less

MULTIPLE MEETING TYPES

Virtual meetings can be

- ad-hoc: making a call to other online users,
- Scheduled: where invites are sent out to others to join a private meeting
- Moderated: where a meeting chairman decides who can speak or present
- Lecture mode: where participants only see the presenter, but the presenter can see all participants.

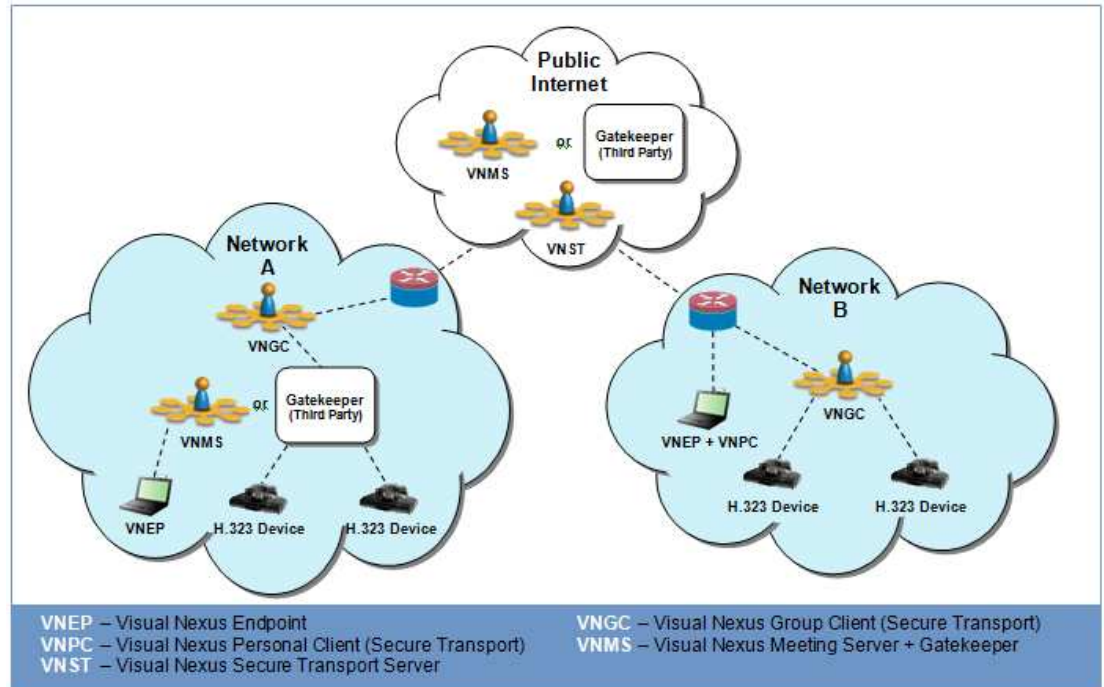
IN HOUSE OR HOSTED

Visual Nexus can be deployed as a private in house system or used to create a hosted service.

MORE INFORMATION

Visit the Visual Nexus website at

www.visualnexus.net



Specifications

Protocols	H.323 version 4 and above, H.460 , H.239 Additional Media Channels
Interoperability	Multi-vendor support – any H.323 device
Firewall / Nat Traversal	Client-Server transparent tunneling model. Only “outbound” initiated connections on configurable port or port range. TCP only tunneling or TCP/UDP tunneling modes. Client located with application (Personal Client), or on local network (Group Client). Server located in DMZ, or public Internet. Server acts as full proxy dealing with any network address translation (NAT).
Default Traversal Ports	TCP port 8081, UDP Ports 8081, 8082 (optional)
Clients	Personal Client for mobility or personal deployments Group Client for multiple devices in single LAN
Server Software	REDHAT Linux: Enterprise Server 4 and 5; Advanced Server 4 & 5 CentOS 4.4 and 5
Minimum Hardware Requirements	Intel® Pentium® 4 processor, 3GHz or higher, Intel® Xeon® processor, 2GHz or higher (Dual-processors are supported), 1GB memory or higher; 100BASE-TX network interface
Load Balancing & Redundancy	Client fails over to secondary server Central licensing shared by multiple servers allows load balancing
Privacy	AES encryption of H.323 audio video and data (128, 192 and 256 bit)
Scaling	Scales linearly by adding additional servers

In our constant effort to improve solutions we reserve the right to change or modify features and specifications without notice.



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