



Visual Nexus® is a scalable, flexible and easy to use virtual meeting solution. It combines the collaboration tools of web conferencing with the face-to-face communications of video conferencing, creating a next generation meeting solution available to users anywhere.

In today's business community, enterprises have a combination of office based and dispersed employees, including mobile and home workers. There is also a network of suppliers, customers, outsource agents, and partners. All these people need to communicate effectively in order to work together and move business along. Technology advances provide these communities with systems and equipment enabling communication to take place in many different ways.

The Visual Nexus virtual meeting solution brings an unparalleled degree of flexibility, enabling dispersed teams to work productively and organizations to explore new ways of working. Visual Nexus enables users to access face-to-face virtual meetings from both inside and outside the corporate network. In addition you can share the benefits of Visual Nexus with partners by allocating floating software licenses to them. Results, notes and other data can be shared during meetings, providing access to key data.

Visual Nexus removes the restrictions inherent in using existing room based video systems. With its intuitive user interface and low impact architecture, it eases the deployment and adoption of virtual meetings across the organisation.

## Product Components

1. **The Visual Nexus Meeting Server:** a software product that manages integrated, audio, video and data meetings and conferences, allowing participants to fully collaborate online. A powerful multipoint control unit that can support from two to thousands of users.
2. **The Visual Nexus Endpoint:** a Windows® software program that turns your computer into a powerful visual communication device enabling face-to-face online collaboration with easy to use conferencing and data sharing and collaboration tools.
3. **The Visual Nexus Secure Transport:** software enabling video calls and collaborative conferences to securely traverse network boundaries.
4. **The Visual Nexus SIP Option Gateway:** a gateway between SIP and H.323 voice and video conferencing systems designed to create a bridge between different technology communities.

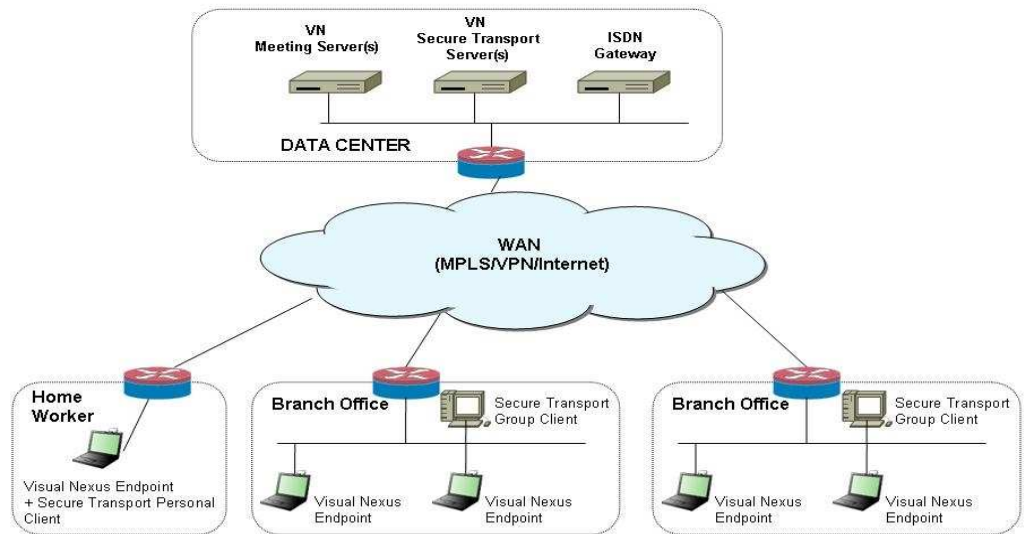


# System Overview

## Deploying on the Public Internet or WAN

The Visual Nexus Secure Transport is deployed when network boundaries must be traversed in order to deliver service to remote endpoints. It enables the Meeting Server and endpoints to communicate correctly and securely across the firewalls and NATs that protect the borders of the various network segments. Secure Transport also provides privacy with encryption when required.

## Visual Nexus Solution



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## Specifications

### Visual Nexus Specifications

Visual Nexus is compatible with the ITU H.323 standards and can interoperate with other standards based solutions and endpoints. It is a software product running on standard Intel desktops and servers. The servers run on Linux and the desktops run on Microsoft Windows and Linux with Windows emulation.

<b>Meeting Server</b>	
Protocols	H.323 V4 and above; Visual Nexus Collaboration (VNC), WebDav Document distribution
Codecs	Audio – G.711, G.722 plus TDAC24, TDAC32 Video – H.261, H.263 and H.264 (video resolution QCIF, CIF & 4CIF)
Scalability	Up to 50 servers in a single cluster, up to 75 users active per server 10 cluster may be neighbored together to form a communication nexus
Gatekeeper	Supports H.323 registrations using H.323 alias, E.164 or IP addressing Multi-tenant administration enabling resource to be allocated by group Virtual meeting rooms with open or chaired mode H.323 presence server for simple calling schemes
<b>Endpoint</b>	
Protocols	H.323 v4; H.239 media channel; WebDav; VNC sharing
Codecs	Audio – G.711, G.722, G.723.1 plus TDAC24, TDAC32 Video – H.261, H.263, H.263+, and H.264 Video Streaming – MPEG3, MPEG4, AVI, WMV Video resolution – QCIF, CIF, 4CIF, HD (720p and 1080p) on request
Video windows	From 1 to 8 window images may be viewed - full screen, large, medium or small
Meeting manager	Click to call presence contacts; Virtual meeting list; meeting controls Document content sharing controls, application sharing controls
<b>Secure Transport</b>	
Protocols	H.323 v4, H.239. SIP available on request, H.460 available on request
Interoperability	Multi vendor support - any H.323 device
Firewall/ NAT traversal	Client-server transparent tunneling model. TCP only or TCP/UDP. Group or personal clients.

In our constant effort to improve solutions, Visual Nexus Ltd. reserves the right to change or modify features and specifications without notice. VN321-03-03-004 Issue 004