

NETRIX SD-Voice

VoIP Trunking Software For SD-WANs

- **Improves VoIP QoS over SD-WANs**
- **Compatible with High Definition Voice**
- **Integrates with SD-WAN controllers**
- **Reduces Network congestion**
- **Reduces Network Latency and Jitter**
- **Supports Full Mesh networks**
- **Simple to install and configure**
- **Increases network Security**
- **Runs on independent or existing SD-WAN hardware platforms**

The Netrix Network Exchange **SD-Voice software** from NSGDatacom is virtualized VoIP packet optimization software for voice trunks over SD-WANs. The **SD-Voice software** runs under a Linux or eCos operating system. Easy to install and configure, the software combines voice packets from multiple VoIP calls destined for the same location into a single IP packet stream. Using pre-programmed information and/or real time information provided by the SD-WAN, the **SD-Voice software** optimizes performance over a congested network to reduce packet loss and delay, thereby improving voice Quality of Service. **SD-Voice software** also has the capability to compress the voice payload using **Netrix** military grade algorithms that improve audio quality when bandwidth is at a premium or during periods of network overload.

The **SD-Voice software** supports both PSTN compatible voice standards and High Definition Voice standards, greatly improving capacity and the quality of service of both when used in conjunction with a SD-WAN.

SD-Voice Software is structured for easy integration with SD-WAN devices, and runs as a service within the existing SD-WAN code environment. Alternatively **SD-Voice software** can reside on independent hardware. Control of the **SD-Voice Software** can be independent of the SD-WAN control system, or preferably, integrated into the SD-WAN control system.

Does the quality of VoIP calls over your SD-WAN network degrade with network loading, particularly over LTE wireless or other thin client, 'last mile' branch connections? **SD-Voice software** solves this problem by reducing the effects of network latency and jitter, greatly improving the reliability and audio quality of VoIP calls. It works in both point to point and fully meshed applications and operates completely transparently to users at all times.

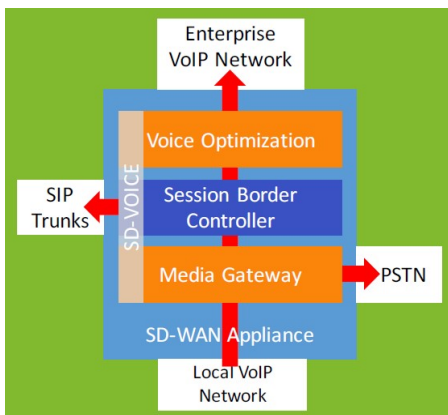
*By using **SD-Voice trunk optimization software** the capacity of an IP data link carrying VoIP traffic is at least doubled and may be increased to over **ten times** its original capacity in some environments.*

The **SD-Voice software** is optimized for use over all terrestrial, wireless and satellite links. Fully supported by the **NetrixView** Network Management System, the NMS interface provides GUI support for remote configuration, diagnosis, statistical call analysis and other management functions with a SD-WAN.

NSGDatacom's Patented **SD-Voice software** is easy to deploy and automatically operates in point to point and full mesh network topologies. VoIP on existing SD-WAN links is immediately improved in reliability and quality.

Originally developed for use by the US Military, **SD-Voice** compression technology is used in mission critical networks worldwide. The Netrix Exchange series of products have a long heritage and continue to provide dependable voice and data transmission in call centers, military, transaction processing, financial, airport, service provider, and enterprise applications.

Netrix **SDVoice software** operates with a wide range of established audio standards, including G.722, G.711, G.723, G.729, etc.



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