

VoxIP: SIP

SIP Trunking technology incorporates the use of Session Initiation Protocol (SIP) to establish voice and data communications through connectivity to NuVox's private, Cisco Powered Network. SIP is designed for customers that deploy or upgrade to an IP PBX system. SIP offers a modern alternative to traditional TDM trunks, enabling improved utilization of network capacity.

Advantages of VoxIP

- ▶ **Convergence:** Offers your business a combination of voice, Internet, and networking services.
- ▶ **Dynamic Bandwidth Allocation:** Channels on the T1 alternate "on demand" between voice and Internet.
- ▶ **Voice Prioritization:** Calls coming into and going out of your business always receive priority.
- ▶ **Quality of Service.** NuVox leverages its state-of-the-art, fully-redundant IP network and on-premise integrated access devices to ensure the highest quality of service.
- ▶ **Cisco Powered Network (CPN Certified):** The NuVox IP network is built using flexible and reliable Cisco-Powered Technology.

With the Benefits of SIP

- ▶ **Centralized Access:** SIP Trunking allows for main and branch offices to share hardware and access at the main site when partnered with VoxNet Gold MPLS WAN solution. Local call and 911 routing can be supported in areas within Nuvox footprint.
- ▶ **Cost Efficient:** Dynamic Bandwidth Allocation, Silence Suppression and the SIP Trunk Compression feature work together to provide the most efficient use of customer's bandwidth. Free Calling Between locations saves customers' money on Long Distance.
- ▶ **Robust Features:** Features such as Compression (G.711, G.729, G.726 and G.723) which allows for improved utilization of bandwidth and T.38 which provide enhanced faxing capability are available and optional.

SIP provides an optimal foundation for other NuVox IP-based products and services. To learn more about how your business can enjoy the ease and flexibility of VoxIP, contact your NuVox sales representative.

