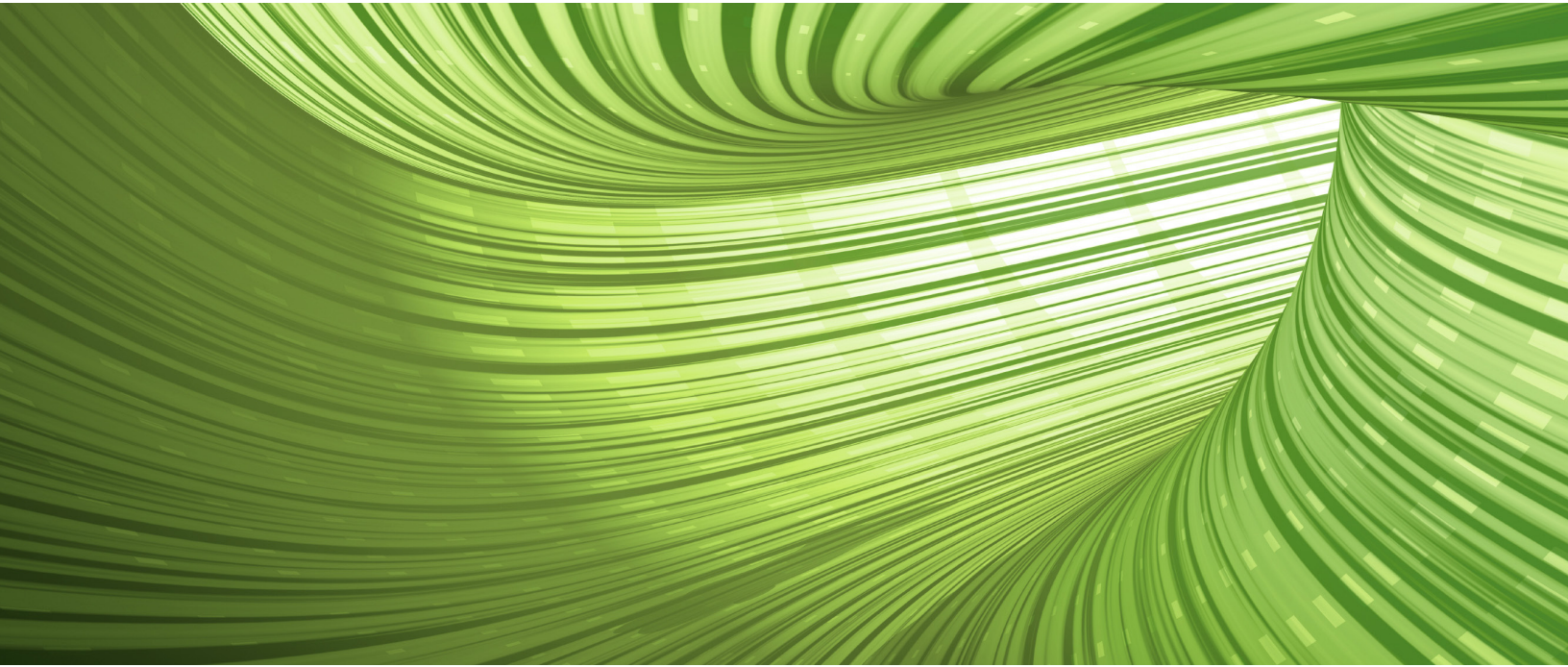


# DYNAMIC IP SIP TRUNKS



## WHAT IS SIP TRUNKING?

Windstream's Dynamic IP service offers you the ability to optimize and fully integrate your voice, Internet, and WAN (Private IP) needs on a single network – enabling data and voice services to share all bandwidth with no artificial business line limitations. The Windstream Dynamic IP suite of products offers several flexible and affordable options which allow you to maximize the features and reduce the costs associated with your on-premises IP network. Among them is Dynamic IP SIP Trunking.

# OPERATE YOUR BUSINESS MORE EFFICIENTLY

SIP Trunking provides a Session Initiation Protocol (SIP) interface directly to your VoIP-enabled PBX, reducing unnecessary conversions and costs. With Windstream Dynamic IP SIP Trunking, your calls are routed over the Windstream IP network, which is backed with Service Level Agreement (SLA) guarantees. Windstream’s network gateways will automatically convert and route calls originating from or terminating to the legacy public switched telephone network (PSTN), providing a seamless VoIP/ PSTN transition and elimination of on-site gateway costs.

SIP Trunking offers numerous advantages over traditional local services. For instance, SIP Trunking provides up to 48 concurrent calls on a single 1.5 Mbps delivery method – traditional PRIs provide up to only 23 calls using the same amount of bandwidth. In addition, Windstream offers free site-to-site calling between Dynamic IP locations, eliminating the need for you to create elaborate inter-office dialing plans. Furthermore, Web-based real-time control allows for hands on management of your SIP Trunking service:

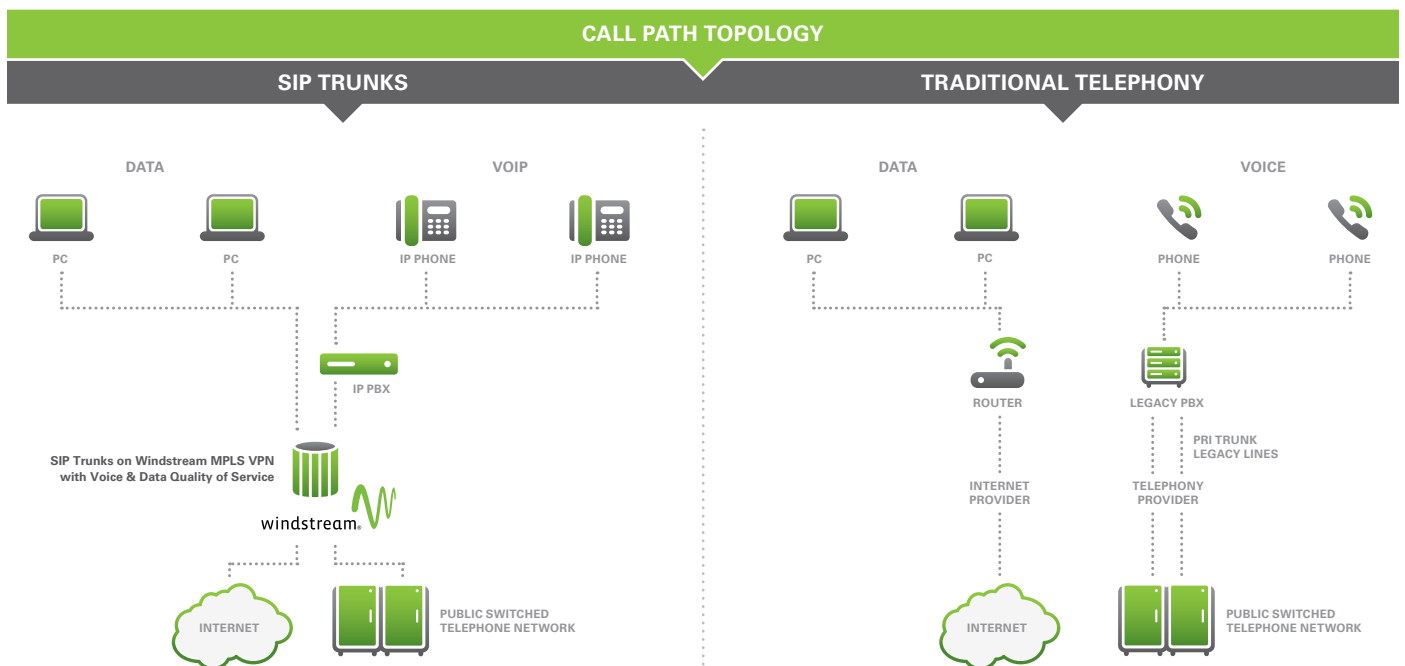
- Access automatic, easy-to-use Business Continuity options
- Change call routes on a per DID (telephone number) level in real-time
- Assign and configure features on a per DID level
- Overflow routes to handle unanticipated spikes in call volume
- Create varied access levels for control of multiple physical locations, single locations, or single DIDs

## DYNAMIC IP SIP TRUNKING FEATURES

All businesses today, whether large or small, have some form of voice and data needs. In fact, most could not survive without their voice and data networks. Unfortunately, these needs often vary greatly and can be extremely difficult to predict.

With Windstream Dynamic IP SIP Trunking, businesses utilize an integrated data and voice network with dynamically allocated bandwidth, allowing for both data and voice traffic to occupy the bandwidth as needed. Windstream Dynamic IP SIP Trunking is the ideal solution for any business that is looking to use its networks more efficiently, has unpredictable usage needs, desires converged services, or is simply interested in improved functionality of IP telephony.

Windstream’s Dynamic IP SIP Trunking service combines the ability to optimize your bandwidth with cost efficiency. Our team can assist in planning your migration to IP by offering flexible VoIP solutions with the equipment, access, applications, and feature alternatives you need to achieve operational and capital efficiencies, as well as productivity improvement.





### **LEVERAGE WINDSTREAM'S DYNAMIC IP SIP TRUNKING SERVICE TO CONSOLIDATE YOUR VOICE AND DATA USAGE:**

Offers a full set of traditional voice services and features such as local and long distance calling, as well as additional optional services such as Direct Trunk Overflow (DTO), account codes, and interoffice dialing.

Converged network simplifies network management and allows you to utilize bandwidth more efficiently, providing simplicity and reduced costs as you have only one communications network to manage. Additionally, having only one network may also allow for a reduction of overall bandwidth.

### **WINDSTREAM'S DYNAMIC IP SIP TRUNKS ARE PROVISIONED AS MPLS CIRCUITS WITH QUALITY OF SERVICE (QOS), OFFERING THE FOLLOWING ADVANTAGES:**

**Truly Dynamic Bandwidth** – Allows both voice and data services to utilize the entire circuit simultaneously – bandwidth not occupied by voice calls can be utilized for Internet or secure site-to-site data.

**Security and Performance** – Since traffic does not ride on the public Internet, but rather on Windstream's private, secure MPLS network, you benefit from industry-leading, end-to-end QoS and low latency performance.

**Quality Service** – QoS allows you to prioritize your voice and data traffic according to your business needs in order to ensure the quality of your voice services.

**Control** – Work with Windstream to determine how your bandwidth will be allocated. For example, voice traffic can be set to first priority, but can also be set to never occupy more than 80% of the capacity in order to ensure that there is always at least 20% bandwidth available for data services.

**Windstream's Equipment for Services (EFS)** financing program helps you to obtain the CPE necessary to utilize the Dynamic IP SIP Trunking service with minimal or no capital outlay, helping to keep you within your budget.

## WINDSTREAM - MULTI-LOCATION ENVIRONMENT



### WHY WINDSTREAM DYNAMIC IP SIP TRUNKING?

Windstream's Dynamic IP SIP Trunking service offers businesses an array of key differentiators which truly make it the ultimate choice in IP communications today:

- **Nationwide Coverage** – Windstream offers nationwide SIP Trunking coverage with service to over 70,000 unique area codes and exchanges.
- **Phone System Centralization** – Through the use of Virtual Telephone Numbers (VTN), businesses can employ a single IP PBX to provide dial tone to multiple locations. VTN allows these locations to utilize local phone numbers even though their calls are being routed through an IP PBX at an alternate location.
- **Award Winning** – Windstream's SIP Trunking service received the "Most Innovative Product" award from Telephony magazine in 2008 and the "Voice Value Award" from the research firm ATLANTIC-ACM in 2009.
- **Unmatched Service** – As with all Windstream services, Windstream Dynamic IP SIP Trunking customers will benefit from Windstream's unmatched service and caring culture.

**Business Continuity** – Windstream's Dynamic IP SIP Trunking service offers a multitude of features to support business continuity, and as long as they are forwarded to other Windstream Dynamic IP SIP Trunking locations, these features will never incur long distance charges – even if forwarded across the country. They include:

- **Destination Unreachable** – Automatically forwards a trunk group to an alternate trunk group or individual telephone number when an outage is detected.
- **Capacity Overflow** – Automatically overflows additional incoming calls to preset alternate locations when all call paths to a location are occupied, protecting you during unanticipated spikes in call volume.
- **Web-Based Call Forward Always** – Log into our Windstream Online portal and manually redirect traffic to an alternate phone number.