

Verizon IP Trunking for Cisco CallManager

About Verizon Voice over IP (VoIP)

Verizon Business offers a comprehensive portfolio of network and premises based VoIP solutions built on Verizon Business' expansive global IP backbone.

Verizon VoIP technology combines voice and data traffic onto a single network, enabling customers to manage networks more efficiently, and leverage leading-edge business applications.

Verizon Business' award winning VoIP productivity-enhancing solutions are interoperable and address a range of size and infrastructure needs while preparing for the next generation of technology.

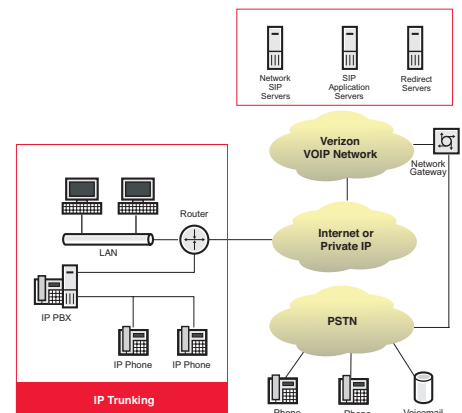
Large organisations like yours make a lot of calls and you know that you could benefit from using the same connection for both your data networking and voice traffic. But you have made significant capital investment in Cisco CallManager, and have developed management and staff expertise in using it. There is a solution that leverages this existing infrastructure while allowing you to eliminate PSTN and ISDN lines and make more efficient use of your combined IP bandwidth.

Verizon Business has a close partnership with Cisco. We have used this relationship and our combined expertise to develop Verizon IP Trunking for Cisco CallManager. IP Trunking offers you all the benefits of Verizon's leading IP network, today, and takes you a step further on the path to convergence — without sacrificing your existing functionality or the investment that you have made.

Why Verizon IP Trunking?

Because Verizon IP Trunking works seamlessly with Cisco CallManager 4.1(3) and CallManager Express IP PBXs and IP phones, you can benefit from the switch to a converged IP network while protecting your existing investments. Verizon IP Trunking:

- Leverages your existing Cisco CallManager installation
- Retains familiar functionality and interface
- Obviates the need to retrain staff
- Avoids the disruption associated with changing systems
- Requires no additional customer premise equipment (CPE)



Voice Quality

Voice quality is assured through network-based Quality of Service (QoS) or QoS devices installed behind the router. QoS segments and prioritises IP traffic into voice, and data such as FTP, e-mail and web. Each class of traffic is subject to industry leading Service Level Agreements (SLAs).

Security Built into the Network

The Verizon Business IP network that carries Verizon VoIP is more than just fibre; it is a global, a fully redundant powerhouse with built-in intelligence. Security isn't just an afterthought; it is engineered into the very core of the network. Verizon Business manages the equipment, the capacity, the power redundancy, the technology upgrades and the security to provide you with the optimum performance.



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Why Verizon Business?

Verizon Business has the expertise, experience and technology to ensure a smooth transition from traditional voice communications to a converged IP voice and data network.

Verizon Business has been in the IP network and Internet business since 1988 and has been instrumental in designing and implementing much of the public Internet.

We manage a large, global IP and Internet customer base, which includes 94% of Fortune 500 companies. Verizon Business is driving the development of SIP technology, having worked closely with industry leading vendors to develop and implement SIP-enabled technology for Verizon VoIP.

Verizon Business owns and operates the world's most expansive Internet network¹ providing connectivity in over 150 countries at speeds up to 10 Gbps (OC-192). Owning the network ensures the delivery of high-quality, high-performance, cost-effective solutions to our customers.

The performance of the Verizon Business network and its engineering team is recognised the world over, and is endorsed by independent third parties. When you choose Verizon Business, you gain access to extensive reach, reliability, service and expertise:

- A global backbone
- Global and local reach
- Some of the best peering and transit relationships in the industry
- Global latency SLA
- Global packet-delivery SLA
- Global jitter SLA

¹ Based on the number of Points of Presence (POPs).

Voice Service Options with IP Trunking

You have the option to use IP Trunking as:

Simple PSTN replacement: Verizon IP trunking can simply replace your existing access to the PSTN Network transparently to the user. This includes all inbound and outbound calls: including all local, national, international, mobile, non-geographic and emergency numbers.

IP-based voice VPN: Easy-to-use web-based tools make it simple to create private dial plans, force on-net routing and add and remove network features from your own IP-based voice VPN.

With Verizon IP Trunking, you will benefit from:

- **Unlimited voice calling and Internet access through a single network:** leading to improved performance and lower network overheads through more efficient use of bandwidth and elimination of voice circuits
- **Quality of Service (QoS):** monitored and managed with embedded tools
- **No disruption:** no additional CPE is required and all your existing functionality is retained
- **Future-proofing:** IP Trunking can be combined now, or at any point in the future, with the other products in the Verizon VoIP portfolio to create a fully converged solution for all your sites

For more information, please contact your account manager or visit verizonbusiness.com



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