

VoIP

Based Termination

Platform Solution

Who Benefits from the VoIP-Based Call Termination Solution?

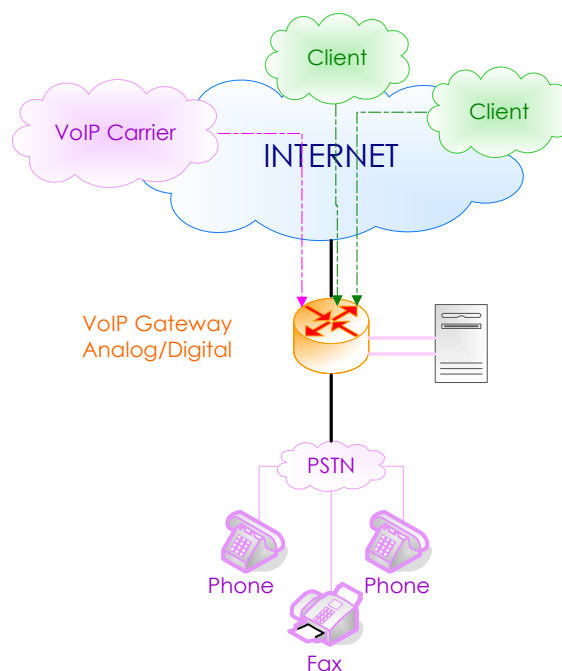
Companies or entrepreneurs looking to terminate traffic that originates from an IP network (VoIP calls) to their local PSTN (telephony network). Most likely you are:

- An ITSP (Internet Telephony Service Provider) with single or multiple POPs (Points-Of-Presence, or simply VOIP gateways) in one or several cities or countries.
- A system owner or even an ISP (Internet Service Provider), with a single VoIP gateway in a given city implementing the low-risk call termination-only solutions as the first step in exploring the VoIP technology and its services.
- An ISP (Internet Service Provider – by land, fixed wireless, or satellite) or Internet Café owner who would like to introduce new telco services by adding to existing infrastructure.

Our Value Proposition

IPsmax offers service providers:

- A complete turnkey Call Termination Solution including a VOIP gateway, Billing Software (TerminaVOIP), full remote installation, and optional maintenance services
- Solution scalability, with one or multiple gateways, starting with as few as 4, 8, or more Analog phone lines, to full-sized Digital solutions with 1, 2, 4, 8 T1/E1, or more lines.
- Any solution with either local billing – where TerminaVOIP and gateway are in one location, remote billing – where TerminaVOIP can reside anywhere in the Internet, or centralized billing – where one central TerminaVOIP serves multiple remote/local gateways.



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Core Elements

The core elements of a VoIP-based Call Termination solution include:

- VoIP Gateway that supports RADIUS/AAA (CISCO, Quintum, etc).
- TerminaVOIP – VoIP Billing Software from IPsmarx tailored for Termination-only solutions. TerminaVOIP is a real time billing software that runs on Microsoft Windows2000 Server using the Microsoft SQL-Server2000 database platform.

How It Works

The main stream of revenues for the service provider is generated from the VoIP carrier traffic that terminates in the city/country of implementation.

- The call originates from the partner VoIP carrier clients worldwide, and is routed over the IP network.
- Before being routed to the local PSTN, the call from the VoIP carrier has been identified, verified, and authorized.
- The TerminaVOIP keeps track of the CDR (call detail record) and its corresponding charges for future reporting.

Key Features

The IPsmarx Call Termination Solution includes:

- Compatibility with most existing VoIP carriers due to its implementation around major gateway vendors like Cisco and Quintum.
- Support of several VoIP-carrier models with flexible call rate tables offering both peak and off-peak rates.
- Standard reporting of CDRs and in-depth analysis per VoIP carrier based on its corresponding traffic and generated revenues.
- A comprehensive warning to the Call Termination system owner, once a carrier has reached its deposit warning percentage.

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