

## AddPac VoIP Traffic Optimizer Client AP-VTO200



AddPac VTO service is a high performance VoIP Traffic Optimization service which can reduce bandwidth usage in VoIP call termination up to 80%. This means that call termination service provider can deliver improved VoIP calling service with much lower VoIP traffic cost. Also, AddPac VTO service supports the VoIP anti-blocking service features and can help to provide mobile VoIP termination service in locations where VoIP service is completely blocked. In addition to basic VoIP Traffic Optimization service features, AddPac VTO service supports real-time VoIP traffic monitoring service such as VoIP packet loss rate, up/down link status, etc in between VTO server and VTO client site each. This can help to provide real-time VTO technical support service. Also, AddPac VTO service supports gsm gateway remote http web access service via VTO manager server. This means there is no need team viewer service for gsm gateway remote management. Team viewer software requires large bandwidth compare to http based web access scheme because its architecture is based on PC screen video compression technology. In each customer sites, due to Team Viewer software traffic shares

with VoIP traffic for call termination in bandwidth, it damage to VoIP traffic quality. Normally AddPac VTO service is very easy to use because AddPac GSM VoIP gateway provides the VTO client service features internally besides GSM VoIP gateway service features. This means there is no need an external Linux server for VTO service and complex installation procedure. User just does new firmware upgrade for AddPac GSM gateway VTO client package. GSM VoIP gateway service concept supporting VTO client service is a new architecture and design concept. This concept reduces the hop count and enhances the VoIP QoS like as jitter, delay. As a result, this architecture increases the ASR, ACD that are most important factors in call termination service area.

For other vendor gsm gateway service environment, we support external VTO client device like as AP-VTO200 device. This concept is very similar architecture to conventional bandwidth compression service provider service architecture.

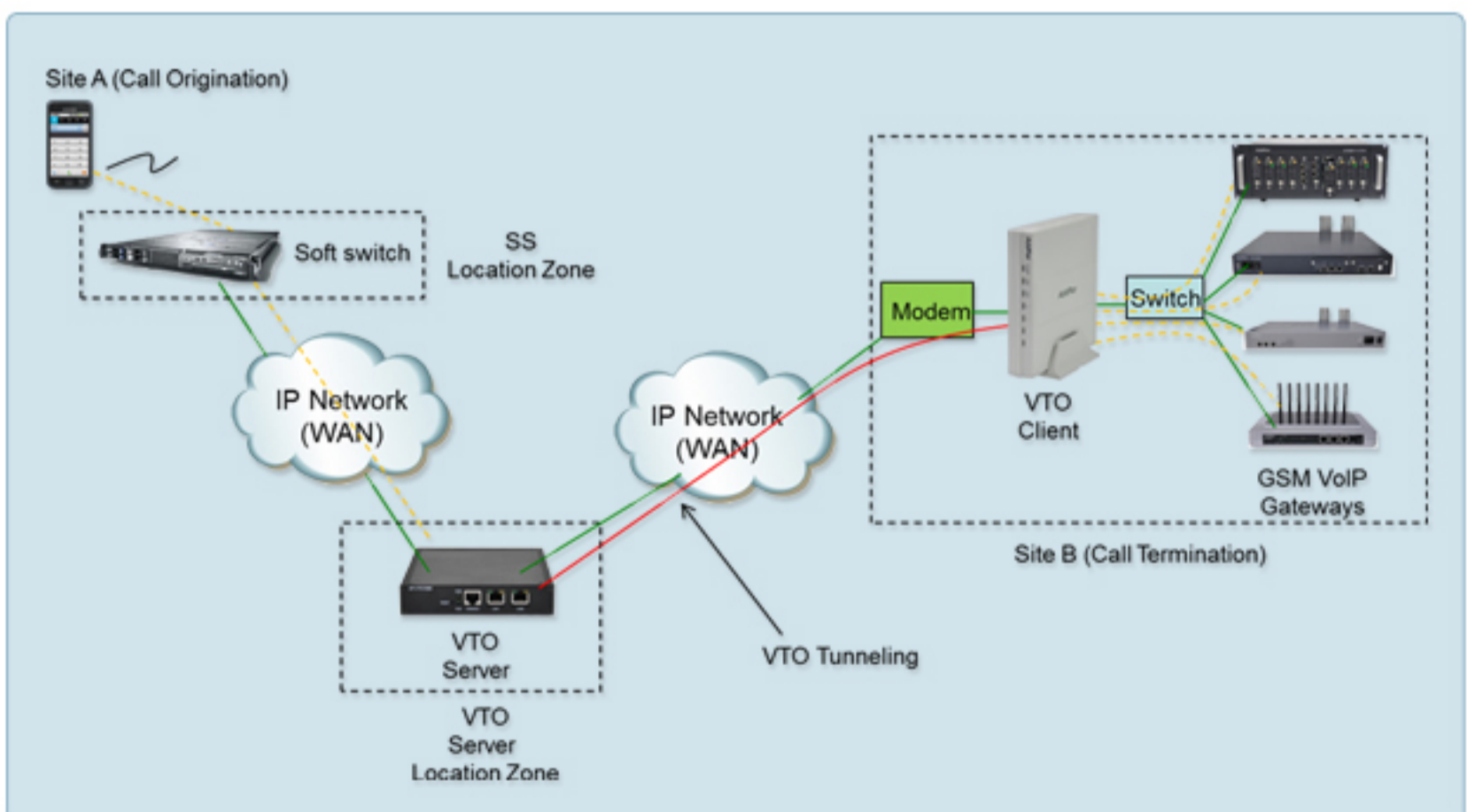
## Major Feature

### Overall Features

- › High Performance VTO(VoIP Traffic Optimizer) Solution
- › Compact & Light Embedded H/W Platform
- › Real-Time Operating System for VTO Service
- › VTO Server & Client Architecture
- › Bandwidth Usage Reduction Scheme for VoIP Call Termination
- › Support various VoIP codecs like as G.729, G.723.1, G.711, etc
- › Support various different internet network like as 3G, WiFi, WiMax, Broadband, etc
- › Support various VoIP Equipment like as PSTN(Analog, Digital), GSM, CDMA, 3G, etc
- › NAT and Firewall Support
- › Multiple VoIP Equipment Support for bandwidth saving efficiency
- › Transmit Scheduling Support for Jitter Control
- › VoIP Anti-Block Service
- › Two(2) 10/100Mbps Fast Ethernet Interface



## Network Diagram



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