

Main/Branch Office VoIP

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Challenge

Since Internet bandwidth is enlarged by ISP and VoIP technology has been improved dramatically, enterprises are looking for an alternative to reduce telephone bills and facsimile costs.

- Some enterprise office are located in different state even in different country. Each branch office and headquarters communicate each other regularly and seeks a way to save the internal phone bills.
- Sales dept. want to reduce the international phone bills whenever the sales representatives call out to their customers.
- The staffs of Sales dept. need a password when they make a international phone call or national long-distance call via the VoIP system.
- Quality of service must be guaranteed for Internet access, and VoIP.
- Internet security protection in the network must be provided.



SP5008
VoIP 8FXS Gateway

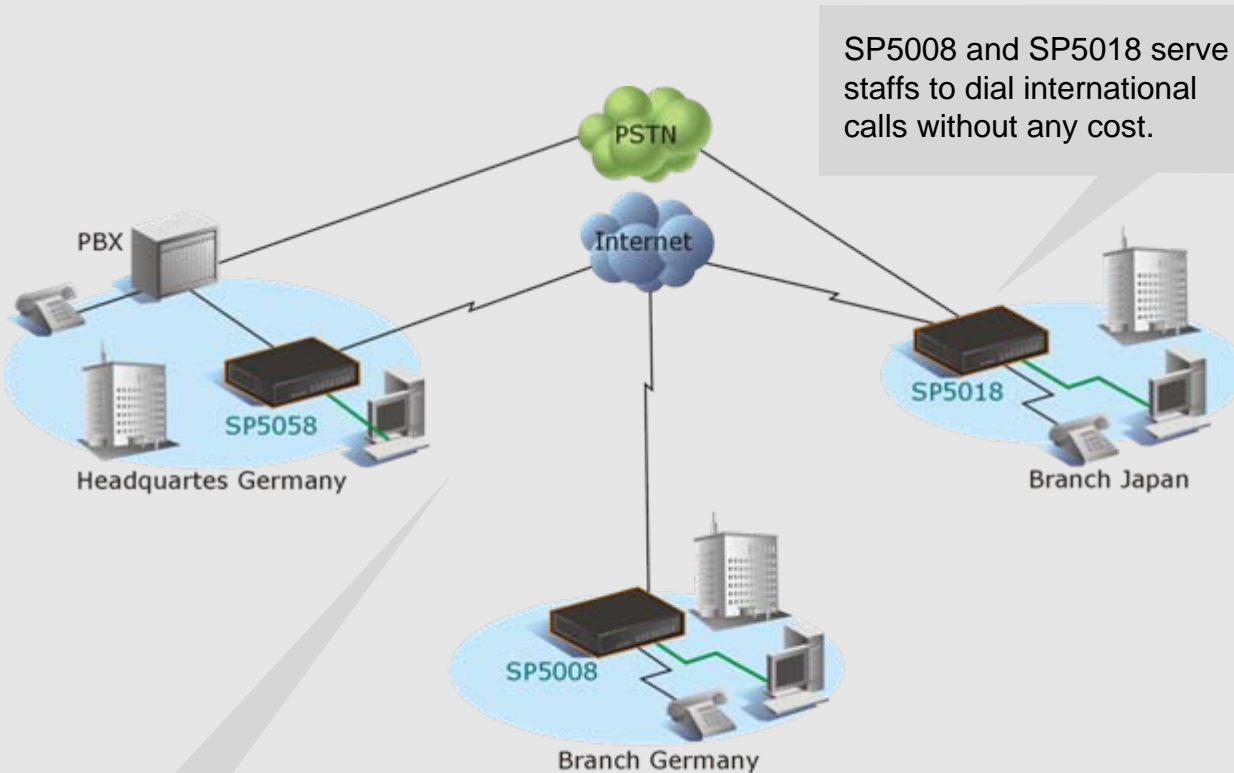


SP5018
VoIP 4FXO + 4FXS
Gateway



SP5058
VoIP 8FXO Gateway

Main/Branch Office VoIP



SP5008, SP5018 and SP5058 VoIP gateways build an IP-based voice communication platform among headquarters and branches. SP5058 is connected with legacy PBX and serves HQ staffs with existing dial rules of dialing extension number to branches. FXO ports of SP5018 and SP5058 serve calling-end from other site to dial to local PSTN with local phone bill.



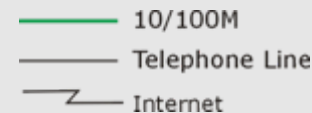
SP5008
VoIP 8FXS Gateway



SP5018
VoIP 4FXO + 4FXS
Gateway



SP5058
VoIP 8FXO Gateway



Main/Branch Office VoIP

Micronet Benefits

- Cost-saving the phone bills between branches and headquarters
 - Make low-cost calls to between branches and headquarters by leveraging VoIP technology.
- Reduce the international phone bills
 - Using SP5008/SP5018/SP5058, users get the best deal by choosing the cheapest offer from ITSP.
- Manage the authority by password
 - SP5008/SP5018/SP5058 support authority assignment for local call, national call and international call.



SP5008
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Micronet Benefits

- Provide the stable voice quality
 - SP5008/SP5018/SP5058 provide quality of service (QoS) within a dedicated network and provides a more stable voice quality in the Internet.
- Built-in firewall Security of Internet Access
 - SP5008/SP5018/SP5058 equipped with VPN/firewall for Internet security of data and VoIP applications.



SP5008
VoIP 8FXS Gateway



SP5018
VoIP 4FXO + 4FXS
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SP5058
VoIP 8FXO Gateway

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Micronet Solution Details

- Cost-saving the phone bills between branches and headquarters
 - Integrating with existing legacy equipment “PBX”, it is no need to migrate to a big whole-new telephony system in each site. Employees make a direct VoIP call between branches and headquarters for free.
- Reduce the international phone bills
 - SP5008/SP5018/SP5058 can connect to 4 ITSP simultaneously by registration. Therefore, the users get the best deal by choosing the cheapest offer from ITSP.
- Manage the authority by password
 - The IVR application generally exists at VoIP gateway. Therefore, only calls that have been authorized are set up, thus reducing the unauthorized callers ,wrong numbers and toll bypass.



SP5008
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SP5058
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Micronet Solution Details

- Provide the stable voice quality
 - IP ToS / DSCP (DiffServ Code Point) classifies digital stream by traffic type, and prioritizes traffic. It ensures voice quality as well as data transmission.
- Built-in firewall Security of Internet Access
 - Rich Firewall security features such as stateful packet Inspection, DoS attack prevention, and URL Content Filtering are integrated to provide users unparalleled protection from hackers' attack.



SP5008
VoIP 8FXS Gateway



SP5018
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SP5058
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Micronet Solution Center



TRACK	CASE	CONTENTS	CHANNEL
TRACK BASICS: Networking for Business	CASE1	SMB Ethernet Infrastructure	SI / Reseller Partner
	CASE2	Central Management Network Infrastructure in the City Hall	
	CASE3	SMB VPN Network Security	
	CASE4	Networking the home PCs with 300Mbps 11N wireless LAN	
TRACK1: Home Networking & Security	CASE5	Networking Home PCs via the Existing Powerline	Retailer
	CASE6	Using IP Camera for Home Security	
TRACK2: WISP Networking	CASE7	WISP Backbone and CPE	Golden Partner
	CASE8	WISP Point to Point Backbone Link	
TRACK3: Advanced Networking	CASE9	FTTx, Metropolitan Network Infrastructures	Golden Partner
	CASE10	Hotel Internet Service via VDSL & WLAN	
	CASE11	Hotspot Internet Access	
TRACK4: IP Surveillance & Security	CASE12	IP Surveillance PoE System Safeguards the Nation Park	Golden Partner
	CASE13	Remote Health Care via IP Camera	
TRACK5: Projector Server	CASE14	Hotel Internet Service via VDSL & WLAN	Reseller Partner or Office Equipment Channel
	CASE15	SOHO Network Infrastructure via Wireless Projector Server	
TRACK6: IP Telephony	CASE16	Main_Branch Office VoIP	Golden Partner and Telephony Channel
	CASE17	VoIP and Internet Service via an IAD	
TRACK7: Digital Signage	CASE18	Campus Bulletin Board by Digital Signage Network Player	Golden Partner, VAR or Installer