WORLD WIDE WALKIE TALKIE®

VoSKY®
EXCHANGE 9040/ 9080

Business Class PBX Gateway for Skype
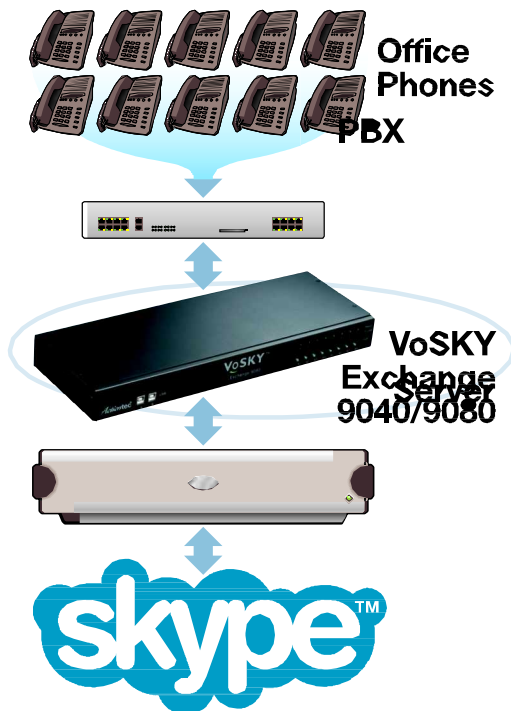
Actiontec Electronics breaks through another technological

Model # 9080 above & Model # 9040 below

barrier with the VoSKY™ Exchange 9040/9080, the first Skype™ certified solution for virtually every type of PBX equipment. With this rack-mountable, business class, PBX gateway for Skype, small and medium-sized businesses (SMBs) can finally take advantage of the largest free VoIP network in the world to connect, communicate and collaborate with employees, customers and partners.

Save Money and Skype-enable Your Existing PBX/KTS Phone Systems

A major advantage of the VoSKY Exchange is its seamless integration with existing PBX/KTS phone systems. SMBs are able to preserve the investment in their existing PBX/KTS phone systems while enjoying the cost savings and flexibility of Skype without a major forklift in equipment.

Eliminate Long Distance Calls... Start Reaping Benefits from Skype Now

Skype is the world's largest VoIP network with over 113 million users, and the VoSKY Exchange seamlessly connects your existing PBX/KTS phone system to it. With VoSKY Exchange and Skype, SMBs can substantially reduce their communications costs due to FREE Skype to Skype calls and ultra-low SkypeOut rates. In addition, SMBs can greatly improve their efficiency with more effective collaboration with customers and partners. This is a World-Wide-Walkie-Talkie.

Easy to Use – Simply Pick up the Phone & Dial... No End User Training Required

After installation, anyone in the office can access a Skype line. Just pick up the phone and press a preset number (8, for example), and VoSKY Exchange finds an open line. And, since Exchange routes Skype calls through the office PBX, calls are now made and received through existing office phones.

4 Simple Ways to Reduce Your Communication Costs

1 Reduce the number of Telco POTS lines you have by replacing them with Exchange/Skype lines.

2 Create a Voice Intranet with Exchange/Skype for FREE intra-office calls between locations.

3 Encourage partners & suppliers to use Skype for FREE calls to and from your company.

4 Reduce 1-800 costs with Web-based Click-to-Dial using Exchange/Skype.

VoSKY Exchange 9040/9080

Supports Full Skype Experience

The VoSKY Exchange gives you a seamless Skype experience on your office phone system. It supports Skype's dialing and speed dialing formats, as well as other Skype features such as SkypeOut™ and SkypeWeb™. The Exchange is also Skype-Certified, meaning that it has passed the rigorous Skype certification process and meets Skype's technical requirements for quality of service and usability. And, if you should run into trouble, integrated Skype Status Detection and Crash Detection automatically come to the rescue.

Ideal for SMBs. . . Connect, Communicate and Collaborate on the World's Largest FREE VoIP Network

The VoSKY Exchange is ideal for SMBs that are looking for ways to improve communications and collaboration efficiency while reducing communication costs. It is perfect for companies with multiple locations, remote workers, or customer-centric organizations looking to bridge the gap between the Company and their customers, both domestically and internationally.
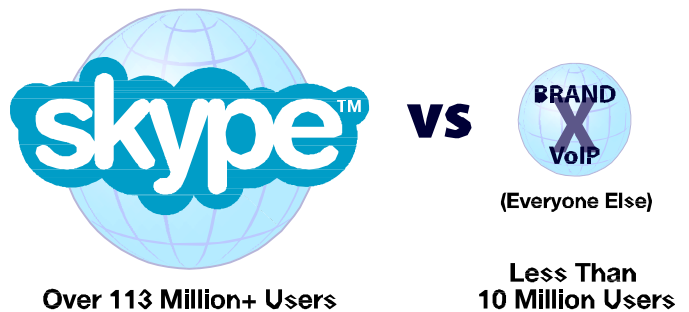
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Other Key Advantages

- Simplify the management of Skype on one server to give MIS better control
- Secured VoIP communication with end-to-end Skype encryption Achieve fast ROI with cost-effective VoSKY Exchange and Skype
- Automatic firmware checks for new revisions every 24 hours
- Rack mountable & stackable

About Skype

Skype is the world's largest free VoIP supplier, with over 100 million users. Skype aims to delight you by offering free global telephony to make unlimited, superior quality voice calls via its next-generation peer-to-peer software. Skype is a wholly-owned subsidiary of eBay.

About Actiontec

Actiontec is a leader in high-performance devices and known around the world for creating robust, carrier-class broadband products that are easy to install, manage, and use. Founded in 1993, Actiontec introduced the world's first integrated "Instant Home Wireless Network" solution for telecom providers, and its products are used by millions of broadband users, in both their homes and offices. Today, Actiontec manufactures DSL Modems, Gateways, and VoIP equipment for some of the world's top broadband providers.

ABOUT WORLD-WIDE-WALKIE-TALKIE®

World-Wide-Walkie-Talkie is a global leader in the Global Walkie Talkie® industry providing robut wireless communications products and services to its customers around the world and is also known for its world class *International-Walkie-Talkie*® network which provides high speed internet and wireless VoIP Walkie Talkie global telephone services

* When used with standard feature set.
** Costs vary by country – most only 24¢/minute.

VoSKY Exchange 9040/9080 -

WORLD-WIDE-WALKIE-TALKIE®

Features

- Supports 4 or 8 inbound and/or outbound calls concurrently, depending on model

- Automatically finds a free line/port for the incoming or outgoing Skype call

- OFFHOOK or ONHOOK detection

- Busy tone generation or detection to prevent line locking.

- Excellent sound quality with Skype

- Centralizes all Skype activities to a single computer, simplifying account management, usage and billing

- Speed Dial
  – Works with Skype & SkypeOut Speed Dial
  – Supports up to 10,000 pre-programmed speed-dial numbers
  – Each dialing code can be up to 16 digits in length
  – Able to remotely configure the speed-dial book

- Programmable Voice Menu to prompt callers

- Personal Phonebook: Allows users to create and manage their own phonebooks

- Works with the existing PBX to provide other telephony features such as Call Transfer, Call Pickup, Call Hold, Call Waiting, Conference Call… etc. (PBX dependent)

- Software auto-detects new revision and generates a pop-up window on the computer screen

- Troubleshooting:
  – Skype Status Detection
  – Skype Crashed Detection
  – USB Unplug Detection
  – Line Locking Detection

- Notification on troubleshooting and SkypeOut credit amount

- Call log for inbound and outbound calls

- Remote access via VNC web administration

- System Log

- Skype Features Supported
  – Skype Call
  – SkypeIn***
  – SkypeOut
  – SkypeWeb

- Supports NAT Transversal (based on Skype)

- Supports proxy server (based on Skype)

- Polarity Reversal Generation supported

***Only in areas where SkypeIn is available

VoSKY Exchange 9040/9080

Technical Specifications

Features	Descriptions
Main System	Integrated 4 ARGO SE402 (48MHz 16 bits RISC Processor)
	USB 1.1 Host Controller (compatible with USB 2.0)
	USB Audio Device Class 1.0
	USB HID Class 1.0da
	Audio: 16-bit mono linear PCM audio in 8 KHz sampling rate
PC Interface	1 USB Port for 9040, 2 USB Ports for 9080, (Type B Connector) for PC connection
Telephone Interface	4 FXS Ports for 9040, 8 FXS Ports for 9080, (RJ11 Modular Jack) for PBX analog FXO trunk connection ports
PBXs Supported	Works with most PBXs
Power Consumption	4.5 ~ 5.5 V DC per port, supplied through the USB port Operating Current of FXO port: Typical 130 mA per port, Peak (Ringing at 2 REN) 400 mA per port
FXS Ports	Impedance: 600 Ohm
	On-Hook Voltage(standby): 48V DC
	Off-Hook Loop Current: 25 mA DC
	Ringing Voltage: 130V Peak to Peak, 20/25 Hz/ Adaptable, 80% Duty Cycle Square Wave, 60 Vrms REN (Ringer Equivalence Number): 2
	Caller ID(FSK, Type I) generation
	Interface: 2-wire, loop start
	Frequency Response: 200~3400 Hz
	Call Progress Detection: ONHOOK, OFFHOOK, DTMF, FLASH
	Call Progress Generation: Dial tone/Voice Prompt, Busy Tone, Ring Back Tone, Ringing Cadence, DTMF
	Generate "wink" for remote hang up signaling
	LEC (Line Echo Cancellation) Supported
	Full Duplex Voice Channel Supported
	Inbound/Outbound DTMF Relay Polarity
	Reversal Generation Supported
Service Tone Country Support	Brazil Chile China Colombia France Germany Hong Kong SAR of China Japan — Mexico Netherlands Taiwan Thailand United Kingdom United States Additional countries supported via firmware upgrade
User Interface	Console Application (Show Line Status, Configuration of Region/Voice Prompt/DTMF Dispatch)
	Web Speed-Dial Management: add/delete speed dial numbers

Features	Descriptions
Upgrade	Automatic Firmware version verification (Every 24 hours)
Environmental	Operating Temperature: 0° C ~ 55° C
	Operating Humidity: 0% ~ 70%
	Storage Temperature: -20° C ~ 70° C
	Storage Humidity: 0% ~ 95% (Non-Condensing)
Certifications and compliance	CE FCC
Physical Specifications	Dimensions: 430mm x 150mm x 45mm Weight: 1500 g

Minimum System Requirements

- PC Server
  9040: Intel Pentium 1V 3.0 GHz, FSB 800MHz; 512 MB RAM; 400 MB free HDD space; CD-ROM; 1 free USB 1.1/2.0 port
  9080: Intel Core 2 Duo Processor E6600; CD-ROM; 2 free USB 1.1/2.0 ports

- OS: Windows XP Professional with SP2

- Application: Skype V 2.0. Skype V 2.5 is recommended

- Internet Connection: Broadband
  9040: Data rate downlink ≥ 1 Mbps, Uplink ≥ 128 Kbps
  9080: Data rate downlink ≥ 2 Mbps, Uplink ≥ 256 Kbps

- PBX with Auto Attendant and 4/8 free FXO (analog trunk or coaxial) ports

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