

the **owner friendly**® telephone system for **small business**

talkswitch®
a division of **FORTINET**



“TalkSwitch exceeded our needs
on all counts.”

John Roberge, TalkSwitch customer

Read more customer reviews at www.talkswitch.com

TalkSwitch® telephone systems help small businesses improve image, control costs and stay connected anywhere.

Automatically answer all calls professionally, 24 hours a day, and let callers make selections to reach employees or departments.

Play **music on hold** or your advertising while callers wait.

Get **voicemail in your e-mail**.

Integrate cell phones, home phones and phones in other locations, so that callers dial one number and connect with any employee, anywhere.

Seamlessly **connect multiple locations**, around the block or across the country.

Line callers up in **department-specific hold queues** that agents can answer first-come, first-served.

Use **VoIP or traditional** telephone lines. Or both!

And much, much more.

Features: everything you need to do anything you want is built in to every TalkSwitch system.

Auto attendants
Voicemail
Voicemail to e-mail
Remote extensions
Dial-by-name directory
Music on hold
Call forward
Call cascade
Ring groups

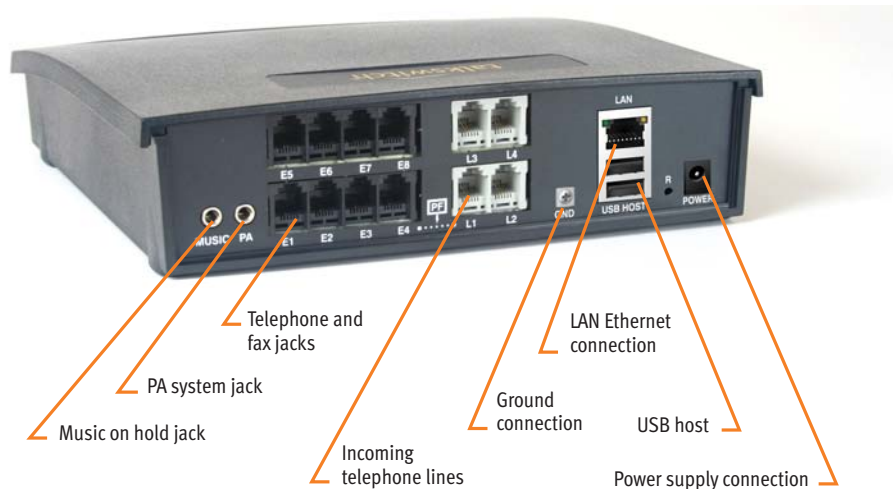
Call back/call bridge
Call hold/park/pickup
Call transfer
Call conference
Intercom
Public address
Paging to select phones
Click-to-dial from Outlook
Call queue

Auto fax detection
Mode scheduling
Call screening
Distinctive ring
Automatic route selection
Toll restriction
Call detail record logging
Local & remote management
System speed dials

Caller-ID-based routing
Automatic hotline calling
Cell/pager/e-mail message notification
Voicemail broadcast
Multilingual prompts and software
Line appearance
(TalkSwitch IP phones)

Every TalkSwitch system comes with free Windows-based management software.





Connections

Music on hold jack: 1/8" mono jack to connect audio devices (CD players, radio or PC soundcards) for music or messages on hold. TalkSwitch can also play .wav files stored on the system.

PA system jack: 1/8" mono jack to connect a PA system to announce calls, or to a speaker to monitor incoming calls and voicemail.

Analog jacks: Standard 2-pin RJ-11 ports. TalkSwitch units support 4 or 8 analog phones or fax machines.

Incoming telephone lines: Standard 2-pin RJ-11 ports.

TalkSwitch units support 2, 4 or 8 incoming lines, with support for Caller ID and distinctive ringing.

Ethernet connection: RJ-45 10/100BaseT Ethernet connection for LAN networking and management. Up to 4 TalkSwitch systems can be networked on the LAN for additional capacity.

USB host: for future functionality.

Power source: 100 to 240 VAC, 50 to 60 Hz — 18 VDC, 1.5 A, adapter included.

TalkSwitch units	24vsx	48vsx	84vsx	Maximum ¹
Extension capacity ²	16 (expandable to 32 ³)	24 (expandable to 32 ³)	32	64
Traditional telephone lines	2	4	8	32
Optional VoIP trunks ⁴	8	8	8	32
Remote extensions	16			64
Auto attendants	20			20
Memory capacity	4 hours, upgradeable to 28 hours ⁵			112 hours

1: Up to 4 units can be combined to extend the capacity to these maximums.

2: Analog phones can be used for up to 4 or 8 of the extensions on each unit. The number of analog phones is based on the number of analog ports, which is indicated by the second digit of the name. For example, a TalkSwitch 48vsx has 8 analog ports.

3: With extension expansion licenses – sold separately.

4: With VoIP trunking license – sold separately.

5: With memory expansion licenses – sold separately.

Technical specifications

System

Power-failure line to extension jacks
(not supported in Australia)

E4 port to L1 port

Analog extension interface

Trunk type
Interface impedance
Loop range
Total ringing load

Loop start
600 ohms
0–600 ohms
5 REN

Analog trunks

Trunk type
Interface impedance
Distinctive ring supported
Caller ID support

Loop start
Supports 600 ohms, 600 complex/
900 ohms, 900 complex
Yes
FSK, all lines

VoIP features

- Embedded SIP server for IP extensions
- G.711 μ -law/A-law
- G.168 echo cancellation
- VAD, silence suppression
- Adaptive jitter buffer
- Packet loss concealment
- 8 concurrent VoIP sessions

With optional VoIP Trunking license:

- Multibranch VoIP networking
- Up to 4 service provider accounts
- G.729a codec
- Fax tone detection

Dimensions (H x W x L)

2.03" x 8" x 8.4"/51 mm x 203 mm x 213 mm

Regulatory Approvals



ACTA TIA/EIA/IS-968A and FCC Part 68 Industry Canada CS-03
FCC Part 15B, Industry Canada ICES-003

System and power adapter comply with UL and CSA

About TalkSwitch

TalkSwitch®, a division of Fortinet®, is a leading developer of owner-friendly® phone systems for small and multi-location businesses. TalkSwitch has sold over 100,000 products that small businesses rely on every day. With a growing global network of resellers, distributors and partners, TalkSwitch is changing the way small businesses communicate. TalkSwitch is a division of Fortinet, a worldwide provider of network security appliances and the market leader in unified threat management (UTM).

Copyright © 2012 Fortinet, Inc. All rights reserved. Fortinet®, FortiGate®, FortiGuard®, FortiCare®, FortiManager®, FortiAnalyzer®, and TalkSwitch® are registered trademarks of Fortinet, Inc. and other Fortinet names herein may also be registered trademarks and/or common law trademarks of Fortinet. Other product or company names may be trademarks of their respective owners.

Rev. 1/4/2012