

SPECIFICATIONS

ShoreTel Mobility Router


ShoreTel Mobility Router is an innovative network appliance that extends voice and UC capabilities to mobile devices, while supporting leading enterprise PBXs, wireless LANs and cellular carriers.

ShoreTel Mobility enables businesses of all sizes to integrate leading smartphones and tablets with existing enterprise communication applications and infrastructure securely, simply and cost effectively. The solution consists of the patent-pending and highly scalable ShoreTel Mobility Router, either ShoreTel provided appliance or virtualized using VMware and the integrated Mobility Client application for mobile devices.

ShoreTel Mobility is designed to:

- Reduce enterprise telecom costs
- Secure enterprise communications for mobile workers
- Enable IT to control enterprise mobile communications while allowing personal device use
- Create a more responsive and accessible workforce
- Simplify deployment and management

ShoreTel Mobility Router platforms

					
Model		ShoreTel Mobility Router 2000	ShoreTel Mobility Router 4000	ShoreTel Mobility Router 6000	Virtual SMR
Users		10 - 100	10 - 1000	10 - 5000	10 - 1000
Feature Options		Secure Remote Voice	Secure Remote Voice High-Availability	Secure Remote Voice High-Availability Hardware Encryption/Decryption Hardware VoIP Acceleration	Secure Remote Voice High-Availability - VMWare vSphere vMotion are supported.
Processor		1 x Intel Xeon X3430 2.4 GHz Quad Core Processor with 8MB Cache; single socket	1 x Intel Xeon X3460 2.8 GHz Quad Core Processor with 8MB Cache; 1333 FSB (8 Virtual Cores/4 Physical Cores; single socket)	2 x Intel Xeon Processors, E5520 2.26GHz Quad Cores	4 Virtual CPUs, minimum
Memory		2 x 1GB PC3-10667 DDR3; 32GB Max	2 x 2GB PC3-10667 DDR3; 32GB Max	6GB Memory (6x1GB), 1066 MHz Single Ranked UDIMM, DDR3	4G RAM
Storage		1 x Seagate Barracuda 7200.12 160GB 8B Cache SATA 6.0 Hard Drives	2 x Seagate Constellation 160GB 32B Cache SATA 3.0 Hard Drives (2.5)	2 x 500GB 7.2k RPM Serial ATA 3Gbps 2.5-in Cabled Hard Drive(136096)	100G disk space
Physical Dimensions		16.8"W x 1.7"H x 14"D	16.8"W x 1.7"H x 14"D	17.2"W x 23.5"D x 1.7"H	Customer provided
Weight		17 lbs (7.7 kg)	18 lbs (8.2 kg)	44 lbs (20 kg)	Customer provided
Environment		Operating Temperature: 10° to 35° C (50° to 95° F)			Customer provided
Interfaces Supported		Two 10/100/1000 RJ-45 Ports One DB9 Serial Port			2 network interfaces
Power		Low Noise High-Efficiency Power Supply, 100-240VAC, 50-60Hz, 4-2A Max, 200W	Low Noise High-Efficiency Power Supply, 100-240VAC, 50-60Hz, 4-2A Max, 200W	Dual Redundant Power Supply 120-240 VAC, 50/60 Hz 7A-3A Max, 650W	Customer provided
MTBF (Mean Time Between Failures)		42216.91 Hours	42216.91 Hours	60264.84 Hours	Customer provided

For more information, contact your ShoreTel reseller.

Find one by visiting shoretel.com/findareseller

Specifications

Mobile UC features supported

- Calendar integration
- Peer-to-peer video conferencing
- Enterprise one number (simultaneous ring of desk phone/mobile, enterprise calling on WLAN and mobile networks)
- Enterprise one voicemail (unanswered business calls route to enterprise voicemail system; unanswered personal calls route to mobile carrier)
- Enterprise VoIP calling (WiFi, 3G/4G)
- Extension dialing
- Click-to-call support
- Call transfer
- Transfer to desk
- Do not disturb
- Hold/unhold
- Multiple call support
- Call forwarding
- Ad-hoc conferencing
- Mobile directory lookup (LDAP and ShoreTel directory)
- Message waiting indicator
- Business and personal calls
- Location-aware presence
- Presence-enabled directory
- Instant Messaging (Microsoft OCS/Lync, ShoreTel)

Additional Features

- Single-touch simple participation in conference calls
- Secure Remote Voice (Provides SSL (DTLS), VoIP and UC capabilities from non-enterprise locations)

- High availability (Synchronizes configuration and call state to active standby ShoreTel Mobility Router)
- High Availability on vSMR is supported using VMWare vSphere vMotion.

PBXs supported (line-side integration)

- Avaya Aura Session Manager and Avaya Aura Communication Manager - Version 6.x
- Avaya Communication Manager - Version 5.0 or greater
- Cisco Unified Communications Manager - Version 5.0 or greater
- Cisco Unified Communications Manager w/ AT&T IP FlexReach - Version 7.1 or greater
- Nortel CS1000 - Version 6.0 or greater
- ShoreTel - Version 11.2 or greater

PBXs supported (trunk-side integration)

- Cisco Call Manager - Version 4.x
- TDM-based PBX (supported when deployed trunk-side with TDM-to-SIP voice gateway)

Enterprise IM and presence servers supported

- Microsoft OCS (with CWA)
- Version 2007, Version 2007 R2
- Version 2007 R2 Microsoft Lync (with CWA)
- Microsoft Lync 2010 with Microsoft Communicator Web Access (CWA)

Microsoft Lync (with CWA)
ShoreTel

Smartphone platforms supported

- Android (HTC, Samsung, Motorola, LG)
- Version 4.0 or greater
- Apple iOS (iPhone/iPad/iPod Touch)
- Version 6.0 or greater
- BlackBerry OS (VoIP)
- Version 5.x, 7.x
- BlackBerry OS (non-VoIP)
- Version 5.x, 6.x

Standards

- IEEE 802.11a, b, g, n, e
- Wi-Fi Radio Standards
- IEEE 802.11i
- Wi-Fi Security Standards – WPA/WPA2 (Enterprise+Personal)
- RFC 3261, 3263, 3865, 4028
- SIP and Secure-SIP
- RFC 3550, 3611, 4346, 2818, 4252-4, m2833
- Voice Media and Encryption
- RFC 2865, 2869, H.350.4
- RADIUS, Extensions, LDAP
- RFC 2246, 4346, 2818, 4347
- SSL, DTLS, HTTPS
- RFC 1213
- SNMP MIB II

Authentication

- RADIUS
- Active Directory
- LDAP, LDAPS
- TACACS+ (including accounting)
- Local authentication

Encryption

- Secure Remote Voice
- AES-128, AES-256
- Wireless LAN
- WEP64, WEP128, TKIP (WPA), AES-CCMP (WPA2)

Wireless LAN interoperability

- Cisco (including integration with Wireless LAN Controllers and Mobility Services Engine)
- Aruba (including integration with Wireless LAN Controllers/Switches)
- Motorola
- HP
- Ruckus
- Trapeze
- Aerohive
- Xirrus

Video codecs supported

H.264/SVC
H.264/AVC

Voice over WLAN recommendations

- Enable WMM, WMM-PowerSave(U-APSD), Call Admission Control

Regulatory compliance

- Electromagnetic Emissions & Immunity:
 - FCC Class B
 - EN 55022 Class B
 - EN 61000-3-2/-3-3
 - CISPR 22 Class B
 - EN 55024/CISPR 24
- Safety:
 - UL Listed (USA)
 - CUL Listed (Canada)
 - TUV Certified (Germany)
 - CE Mark (Europe)
 - EN 60950/IEC 60950-Compliant

About ShoreTel

ShoreTel, Inc. (NASDAQ: SHOR) is a leading provider of brilliantly simple IP phone systems and unified communications solutions. Its award-winning on-premises IP-PBX solution and cloud-based hosted phone system eliminate complexity and improve productivity. Recognized for its industry-leading customer experience and support, ShoreTel's innovative business phones, application integration, collaboration tools, mobility, and contact center applications enable users to communicate and collaborate no matter the time, place or device, with minimal demand on IT resources. ShoreTel is headquartered in Sunnyvale, Calif., and has regional offices and partners worldwide. For more information, visit www.shoretel.com.



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