



DATASHEET

FortiWiFi® Voice-80CS

Integrated Multi-Threat Security and IP PBX

Unified Business Gateway

The Fortinet FortiWiFi Voice-80CS is a multi-function security platform that protects voice and data communications for remote and branch offices. It combines the functionality of a multi-threat UTM security gateway, IP PBX, wireless LAN, VPN with strong encryption, router, and Ethernet switch into a single, integrated device. The FortiWiFi Voice-80CS platform meets the needs of small and medium sized organizations, as well as branch or remote offices. The single platform with its consolidated management console reduces the costs associated with configuring and managing your network security, VoIP security, IP PBX, and wireless LAN.

Embedded IP PBX Feature Set

The FortiWiFi Voice-80CS provides basic and advanced IP PBX functionality, as well as the widest range of threat management technologies available on the market. The IP PBX features include voicemail, message notification and unified messaging with interactive voice response (IVR). It provides support for SIP Trunking (Class 5 PSTN bypass) and supports standard SIP terminals, including hard- and softphones, WiFi phones, and SIP applications. In addition to SIP, the FortiWiFi Voice-80CS also supports integration with POTS and ISDN networks via analog telephone adapters (ATA). It also includes automatic call distribution (ACD), ad hoc conferencing and conference bridges, as well as configurable dial plans and direct inward dialing (DID). Its management features include system monitoring, statistics and logging data as well.

Comprehensive Threat Protection

The FortiWiFi Voice-80CS platform also provides comprehensive threat protection with Fortinet's FortiOS™ enterprise-grade security and networking technologies. It integrates firewall, IPSec and SSL VPN, antivirus, antispam, intrusion prevention and web filtering into a single device at a single price. It includes data loss prevention (DLP), application control, and endpoint network access control (NAC) as well. In addition, Fortinet's Global Threat Research Team is on duty around the clock and around the world, looking for any changes in the threatscape. It delivers dynamic threat updates that protect your network against emerging threats.

Wireless Flexibility

The FortiWiFi Voice-80CS allows you to protect new and legacy wireless LAN environments with its 802.11 a/b/g/n support. It gives you the flexibility to deploy both wired and wireless devices while using a single platform to enforce all network security policies. The Express Card slot enables optional 3G wireless WAN connectivity, ensuring data connectivity in the event of a network failure.



The FortiGate Product Family: Integrated Multi-Threat Protection

The FortiGate/FortiWiFi product family provides cost-effective, comprehensive protection against network, content, and application-level threats. It defends your environment from complex, sophisticated attacks without degrading network availability and affecting application performance.

FortiGate and FortiWiFi platforms combine the purpose-built FortiOS™ security operating system with custom FortiASIC processors and other hardware to provide a comprehensive and high-performance array of security and networking functions.

The FortiGate/FortiWiFi product family delivers the highest level of network, content, and application security for enterprises of all sizes, while reducing total cost of ownership. With Fortinet, you deploy the network security you need to protect your intellectual property, preserve the privacy of critical customer information, and maintain regulatory compliance.

Features

Integrated data and VoIP security and IP PBX

Single device reduces costs

Benefits

Enables small and medium businesses, and ROBOs of larger organizations to deploy enterprise-grade voice and data security

Manages all security and IP PBX functionality from a single console, lowering costs and reducing deployment challenges

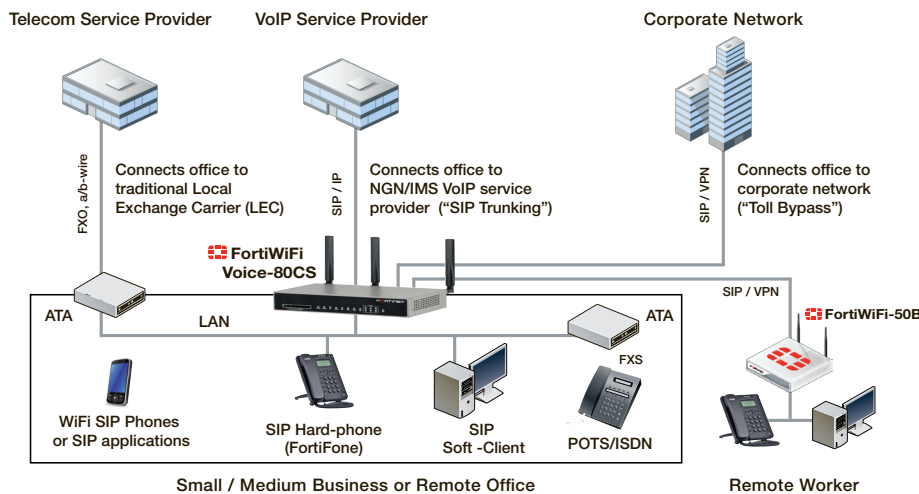
Industry Certification



Technical Specifications		FortiWiFi Voice-80CS
Hardware Specifications		
10/100/1000 WAN Interfaces (Copper, RJ-45)		2
10/100 Switch Interfaces (Copper, RJ-45)		6
10/100 DMZ Interfaces (Copper, RJ-45)		1
Console (Copper, RJ-45)		1
USB Interfaces		2
Express Card Slot		1
Wireless Standards Supported		802.11 a/b/g/n
System Performance		
Firewall Throughput (1518 byte UDP packets)		1 Gbps
Firewall Throughput (512 byte UDP packets)		500 Mbps
IPSec VPN Throughput		100 Mbps
IPS Throughput*		200 Mbps
Antivirus Throughput*		65 Mbps
Gateway-to-Gateway IPSec VPN Tunnels (System / VDOM)		500 / 50
Client-to-Gateway IPSec VPN Tunnels		1,500
Concurrent Sessions		400,000
New Sessions/Sec		10,000
Concurrent SSL VPN Users (Recommended Max)		100
Virtual Domains (Max / Default)		10 / 10
Maximum Number of Policies (System / VDOM)		5,000 / 500
Unlimited User Licenses		Yes
Dimensions		
Height x Width x Length (in)		1.75 x 10.87 x 6.13 in.
Height x Width x Length (cm)		4.45 x 27.61 x 15.57 cm
Weight		3.5 lbs (1.59 kg)
Rack Mountable		No
Antivirus performance is measured based on HTTP traffic with 32 Kbyte file attachments and IPS performance is measured based on UDP traffic with 512 byte packet size. Actual performance may vary depending on network traffic and environments.		

Technical Specifications		FortiWiFi Voice-80CS
Environment		
Power Required		100-240 VAC, 50-60 Hz 2 Amp max
Power Consumption (AVG)		39W
Operating Temperature		32 – 104 deg F (0 – 40 deg C)
Storage Temperature		-13 to 158 deg F (-25 to 70 deg C)
Humidity		5 to 95% non-condensing
Compliance		
		FCC Class B, UL/CUL/VCCI/C-tick, CE
Certifications		
		ICSA Labs: Firewall, AV, IPSec VPN, SSL VPN, IPS
PBX Specifications		
Maximum Number of Registered SIP User Agents		50
Number of SIP Clients Registering per Second		50
Maximum Number of Concurrent Calls		20
Maximum Number of Call Attempts per Second		5
Conference Lines		5
Voice Mail Storage		Approximately 60 hours
VoIP Protocol		SIP v2 (RFC3261), RTCP
Voice Codec		G.711.a/u, G.729 a/b (pass-through)
PBX Features		Voicemail, Unified Messaging, Auto Attendant, Automatic Call Distribution, Direct Inward Dialing, Conference Bridges, Statistics and Logging
IP Telephony Features		Echo cancellation G.168

FortiWiFi Voice-80CS Voice Network



Voice Network Consolidation

The FortiWiFi Voice-80CS platform allows you to consolidate all of your voice traffic into a single platform. Integrating VoIP and POTS into a single point of control enables you to reduce your telephony costs by consolidating multiple products.

The FortiWiFi Voice-80CS gives you the flexibility you need to connect your small offices / branch offices with traditional Telcos, VoIP service providers, as well as the corporate voice and data network.

FortiGuard® Security Subscription Services deliver dynamic, automated updates for Fortinet products including antivirus, intrusion prevention, web filtering, antispam, vulnerability and compliance management, application control, web application firewall, and database security services.

FortiCare™ Support Services provide global support for all Fortinet products and services. Support plans start with 8x5 Enhanced Support with “return and replace” hardware replacement or 24x7 Comprehensive Support with advanced replacement. All hardware products include a 1-year limited hardware warranty and 90-day limited software warranty.

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