SAMSUNG

OfficeServ 7200

The Next Generation
Enterprise IP Solutions

Welcome to the world of convergence

Communication is the driving force behind any organization and the communication infrastructure is the key asset in providing resilient and effective connections to the outside world. Convergence of communication infrastructure advances organization's capabilities and efficiencies.

Samsung's expertise in wireless communications, digital technology, and core networks, combined with IP Technology, has produced the OfficeServ.

OfficeServ 7200, the next generation IP Platform

The next generation of IP platform is the OfficeServ 7200, providing IP based wired and wireless solution for voice and data communication. OfficeServ is the ideal solution for the future and the present office because it can simultaneously support both traditional voice communication, voice over IP, IP based data communication, and wireless solutions through Wireless LAN.

Integrated communication environment

The OfficeServ 7200 makes voice calls and sends/receives data by using the LAN/WAN modules. The user can use the integrated wire/wireless platform (phones, PCs, servers, mobile phones, or peripherals) to make communications easily.

IP based feature server.

The OfficeServ 7200 uses an IP-based feature server to provide an IP solution, which integrates the functions of mail server, Session Initiation Protocol (SIP) server, and Voice over IP Unified Messaging Service (VoIP UMS).
The IP-based feature server is a Linux platform and can continuously add feature server modules to be provided in the future. Examples of the feature servers include the mobile roaming server and Authentication, Authorization, and Accounting (AAA) server.

Higher Quality IP Phone

The OfficeServ 7200 ensures the Quality of Service (QoS) of the voice calls depending on the priorities and grouping of data and voice packets.
- Layer 2 QoS : Priority Processing (802.1p), VLAN (802.1q)
- Layer 3 QoS : Class Based Queuing (CBQ), QTP Priority Queuing, or the on demand management of the bandwidth Wide Area Network (WAN).

WAN/LAN Functions

The WAN and LAN interface modules are installed in the OfficeServ 7200; thus data can be sent/received via the interface of the 10/100 base T Ethernet in both the Internet and the Intranet without any data equipment.

Wireless LAN, Mobility in your office

OfficeServ WLAN liberates you from the confines of your office and provides you with significant cost efficiencies because the qualified voice and data service of OfficeServ WLAN removes needless cabling and maintenance. With its support for the WIP-5000M WLAN phone, OfficeServ provides full voice-data convergence not only for fixed network connections but also on Corporate Wireless LANs. Samsung's Enterprise IP Solution gives you the freedom to run high bandwidth wireless data applications along with a superior quality voice service on the same network

The OfficeServ 7200 uses both standard Access Point and combined Access Point, which offers services by separating the data from voice, and supports handoff and QoS.

WIP-5000M

- IEEE 802.11b, SIP Protocol
- Voice Codec: G711/G729A/G723.1
- Size: 125(W)x43(L)x19(H)mm
- Weight: 95g
- Battery: 3.7V Li-Ion/1000mA
- Talk Time: 2.5 hour
- Standby Time: 25 hour

WBS24

- Hand-off
- Power feeding (Combo Type)
- Wireless Standard: IEEE 802.11b
- Ethernet: 10/100 Base-T

IP UMS

Samsung OfficeServ supports IP UMS that provides you unified messaging service of telephone, IP Phone, e-mail, voice mail, and FAX. You are able to access to your communication devices through Samsung UMS whenever and wherever you want because Samsung UMS is Web based sophisticated solution.

Text-To Speech (TTS) Responses

The OfficeServ 7200 converts text messages such as e-mails to voice messages and allows the users to listen to the messages through phones. Also, it recognizes the voices and responds to them.

Mail Server and Instant Messaging

The OfficeServ 7200 integrates voice messages and e-mails to function as an e-mail server, which converts the integrated messages depending on the users' needs and resends them, and sends/receives instant messages.
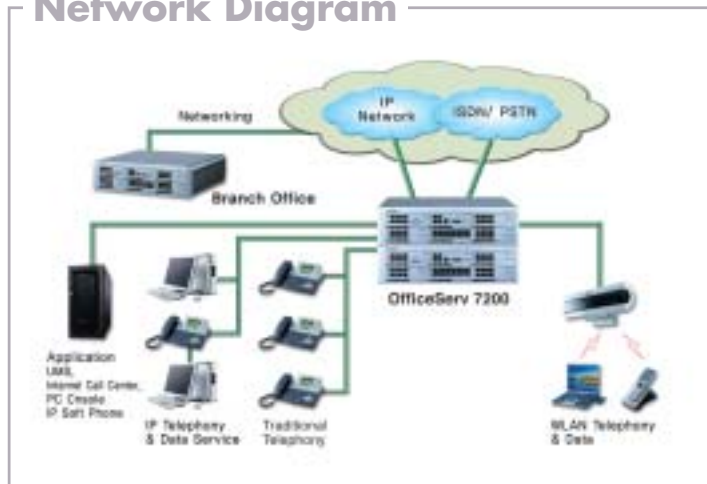
Enhanced application

The OfficeServ 7200 offers enhanced applications such as OfficeServ News, EasySet, Internet Call Center, PC Console R-NMS, Internal board-type voice mail solution, integrated facsimile server, and digital integrated recording systems.

OfficeServ 7200

Maximum Capacity	1 Rack: Max. 122 voice users, Max. 80 LAN ports, Max. 20 xDSL prots
	2 Rack: Max. 216 voice users, Max. 160 LAN ports, Max. 40 xDSL ports, Max. 120 WLAN Phones.
Trunk	TEPRI, 8TRK
Station	16DLI, 8DLI, 16SLI, 8SLI, 8HYB
Data	WIM: WAN Interface module. DMZ port, LAN port, V.35 serial port LIM: 10/100 BASE-T Ethernet ports 16. 4DSL: long distance Ethernet ports 4. Max. 1.2Km, Up/Down link : 5 Mbps
Voice Application	MGI: Media gateway module WLI: WLAN Access Point Interface Module
CPU	MPC855T, 50MHz
AC Input	AC: 110V/220V 60Hz DC: +5V, -5V, -48V.
Size	1 Rack: 440(W) x 123.8(H) x 410(D) mm 2 Rack: 440(W) x 247.6(H) x 410(D) mm

Network Diagram