

OfficeServ 7200 Data Communication Solutions

- Data-Networking



The OS7200 data-networking modules provide a common communications transport for your business applications. Secure voice and data services can be delivered wherever there is IP connectivity.

Samsung Business Communications has developed a suite of applications that enhance the OfficeServ 7200 data-communications modules to ensure the best possible quality for your voice communications and to protect the integrity of your Data Network.

Interface Modules:

- LAN – Layer 2/3 Ethernet switches
- WAN – Resilient Multi-port Router

Enhanced applications:

- VPN tunnelling for secure location-independent communications
- Firewall and intrusion detection
- Policy Management and QoS

These applications combined with OfficeServ Telephony functionality make it possible for you to deliver every aspect of advanced business communications, regardless of the user's location. Basic transport is enhanced with advanced security and prioritisation to deliver crystal-clear voice calls and reliable data-communications.

LIM: Layer 2/3 Ethernet switches

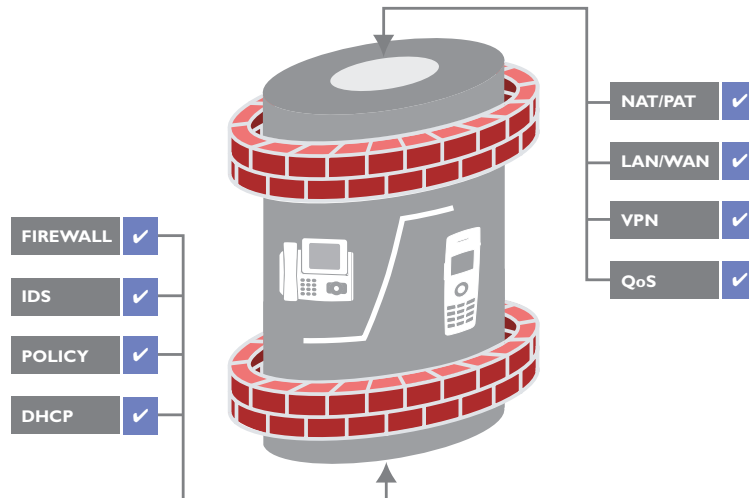
The OfficeServ 7200 Switch module contains 16 auto sensing 10/100baseT Ethernet ports. On its own, it acts as an unmanaged Layer-2 switch. When combined with the WIM, it becomes a powerful Layer-3 switch, pre-configured to prioritise your mission-critical voice communications.

WIM: Resilient Multi-port Router

The WIM is a flexible state-of-the-art router for connecting your sites and to the Internet. It incorporates a Firewall, Intrusion Detection System (IDS) and Virtual Private Networking (VPN) software ensuring your network is secure and reliable.



Secure Communications Architecture



Specifications

Router	Firewall
RIPv1	IPSec, PPTP
RIPv2	DES, 3DES
OSPFv2 Open Shortest Path First	Automated rules update system
PPP	ESP (Extended Services Processor)
PPPoE	Intrusion Detection/Prevention
IP Multicasting	Access List security
HDLC	Web-based management
Frame Relay	
Packets per second processing = 50Kpps	Switching
WAN Serial interface (V.35)	802.1Q tagging
ADSL interface for connection to Internet	802.1p
NAT (Network Address Translation)	802.3x Layer 2 flow control
DHCP Client and server	Layer 3 Routing
SNMP (Network Management) MIB II images	Switching Capacity (min/max) – 3.2/25.6 Gbps
WFQ (Weighted Fair Queue)	Multicasting
IP Precedence	VLANS – 32
Inter-VLAN Routing	Mirrored ports for troubleshooting
Command line configuration	SNMP (Network Management) MIB II support
Web configuration interface	IEEE Ethernet 802.3
Network Analysis	IEEE Fast Ethernet 802.3u
CHAP/PAP across WAN links	IEEE 802.1d Spanning Tree
IGMPv1	IEEE 802.1q VLANs
IGMPv2	Spanning Tree
NAT/PAT	IGMP Snooping
Application Layer Gateway (ALG)	
802.1q QoS	

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OS7200 WIM/LIM/A/0605

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