

SAMSUNG OFFICESERV 7100 - MEDIUM BUSINESS TELEPHONE SYSTEM



The Samsung OfficeServ 7100 Telephone System is the new entry-level OfficeServ platform which, together with the OS 7200 and OS 7400, completes the OS 7000 family.

The **Samsung OfficeServ 7000** series hybrid communications platform provides a traditional or IP-based wired and wireless solution for voice and data communication. Businesses can deploy Samsung **OfficeServ 7000** systems to build sophisticated telephony applications, secure data



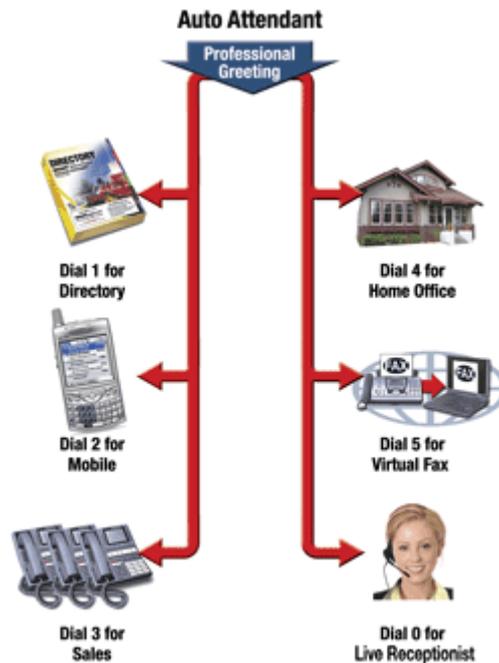
communications infrastructure and policy-driven networks.

The **Samsung Office Serv 7100 Phone System** is designed specifically for the small to medium sized company, supporting up to 32 extensions and a maximum of 30 trunk lines with either analogue or digital connections. It is highly configurable and can be tailored to your individual requirements, so that you do not pay for features and functions that you do not require. At the same time the **Samsung Office Serv 7100 Phone System** can be upgraded easily and expanded as business needs change. It is fully compatible with larger systems in the **Office Serv7000 series**, protecting your investment in Samsung solutions.

<p>All-in-One IP Convergence Key System</p> <ul style="list-style-type: none"> • Wired & Wireless, Voice & Data • Router, Firewall, IDS, VPN (MP11) • 2 Universal Slots & 7 daughterboard within 1 cabinet • upto 32 users 	<p>All Flexible Configuration</p> <p>Multiple configurations available by using new universal board and daughterboard combination</p> <ul style="list-style-type: none"> • Trunk Boards: 4TRM, 2BRM <ul style="list-style-type: none"> ◦ Station Boards: 4DLM, 4SLM, 4SWM
<p>Embedded Voice Mail & Media Gateway</p> <ul style="list-style-type: none"> • MP card has embedded support for voicemail and MGI • 2 or 4 port Voice Mail • 1-8 channel media gateway • Controlled by software license 	<p>Compatibility & Scalability</p> <ul style="list-style-type: none"> • Provides support for common OfficeServ 7200, 7400 boards & applications • SPnet connectivity with OfficeServ 7200, 7400

SIP Trunking

The **Samsung OfficeServ 7100**'s media gateway is integrated into the main processor so the system can also be supplied as an 'out of the box' solution for VoIP telephony with IP handsets. As VoIP solutions, **OfficeServ 7100** can support SIP trunks and therefore is an ideal telephony system in this class for a SIP Trunking solution.



Messaging

The **Samsung OfficeServ** messaging server is also integrated into the main processor. As well as standard voicemail functionality users can intelligently route callers with different greetings and employ call-routing based on time of day, day of week CLI and DDI. This means greetings and call routing can be customised for callers, users and groups, making the process more professional and more efficient. Voicemail messages can be converted to email files, allowing users to access all their messages regardless of the original medium used. It also enables users to copy, forward or store messages on their laptop or PC for future reference.

Auto-attendant

This functionality is part of the overall messaging solution. The auto-attendant can answer multiple calls simultaneously, providing different greetings for different departments. External callers are prompted for the required individual or department, without the need for a receptionist to handle the call. If no extension number is dialled within a specified time, the call is automatically connected to a receptionist or to another specified extension.

Personal productivity

The Samsung **OfficeServ 7100** Telephone System boasts a range of standard solutions for computer-telephony integration (CTI). CTI functionality provides on-screen dialling from MS Outlook and screen popping capability using OS Call, whilst OS Easyset software allows staff to set up their handsets in a simple and straight forward way to make them work most effectively for each user. Other CTI applications include OfficeServ Manager for easy system administration, OfficeServ Dataview, a statistical reporting application and OfficeServ Operator, a PC based operator console.

Multi-site Operation

Multiple sites can be securely connected over standard internet connections. Using the powerful features of the **Samsung OfficeServ 7100's** built-in router – including, firewall, VPN, intrusion detection and prevention, encryption and packet shaping – secure inter-site communications for both voice and data are made simple.

Mobility

The Samsung **OfficeServ 7100 Telephone System** offers location-independence for users, with both mobile and remote teleworking supported by the system. Our IP handsets can be connected to the system via an internet connection from anywhere in the world giving full feature access and allowing staff to make and receive calls using their office DDI. The Samsung **OfficeServ 7100 Telephone System** also supports a softphone client application which can be used with mobile data devices such as laptops and PDAs. With the ability to easily connect individuals and groups to the system in any location through an internet connection, **OfficeServ** makes home and brand working a simple reality – and also allows informal call centres using remote teleworkers to be established.



Handsets

The Samsung **OfficeServ 7100 Telephone System** can be used with Samsung's extensive range of desktop and mobile handsets which share a common look and feel for ease of use. Advanced feature handsets are available as well as WiFi handsets which enable users to take their extensions with them away from their desk, so they can work from anywhere in the office.

The Samsung **OfficeServ** range integrates the latest developments in Internet Protocol (IP) technology with the intelligence and stability of traditional telecommunications technology. Whatever the business size – a small company with one office or a multi-national enterprise, the **OfficeServ** range has a suitable converged communications solution in its 7000 series (**OfficeServ 7100, OfficeServ 7200, OfficeServ 7400**).

OfficeServ 7100 Specifications

PSTN Analogue Lines (max)	24
ISDN Basic Rate Digital Lines (equiv. channels)	6 (12)
ISDN Primary Rate Digital Lines (equiv. channels)	1 (30)
Total Extensions	32
Digital Stations	24
IP Stations +WIP	32
Analogue Stations	24
Data Extensions (ISDN 128kbits)	12
Music Sources	
Internal	1
External	1

WIP Base Stations (SMT - R2000)	8
WIP Handsets	24
CTI	
Network	Yes
TAPI	Yes
Digital Voicemail	Yes
Direct Indial Numbers	999
Calling Line Identification (CLI)	
PSTN / ISDN	Yes
Trunk Groups	11
Stations Groups	20
ACD Groups	10
Pick up Groups	20
Account Codes	999
Authorisation Codes	500
CLIP Numbers (translation table)	1000
CLIP Review Blocks	1000
Auto Attendant	
Channels	4
Least Cost Routing	Yes
Total Speed Dial Locations	2000
System speed dialling	950
Station speed dialling (max per station)	50
External Page Zones	4
Internal Page Zones	5
SIO Ports	0+LAN
Remote Programming / Support	Yes
LAN Ports	1
Virtual Extensions	
SLT	8
Digital	16
S.I.P. Extensions	
Standard	32
Trunks	16

THE SAMSUNG OFFICESERV 7100 PHONE SYSTEM PROVIDES FOR AN INTEGRAL COMMUNICATION ENVIRONMENT

The **Samsung OfficeServ 7100 Phone System** can be rack mounted in a standard 19" data rack, wall mounted or set on a desktop. Its compact cabinet design, RJ45 connectors, and CAT5 cabling allows it to easily integrate into any data centre environment along with existing data equipment.

Expanding the OfficeServ 7100 Telephone System is both economical and easy. With a single cabinet providing 2 universal card slots, its low and high density card design allows greater flexibility when configuring a telephone system for the right combination of lines and stations.

A removable software pack MMC+ makes it convenient to upgrade to future feature packages.

Flexible Configuration

The **Samsung OfficeServ 7100 Phone System** offers a variety of interface cards that allow connection to the public telephone network or to private networks using either analog or digital circuits. Proprietary digital phones called "keysets" connect to Digital Line Interface modules



(DLM). In addition to these conventional digital keysets, Samsung offers a complete line-up of IP terminals. These IP terminals use the latest Voice over Internet Protocol (VoIP) technology and can be deployed over LANs or WANs. They are ideal for distant (remote) locations providing all the benefits of the OfficeServ 7100 to home and remote workers. Standard telephones generally called "single line telephones" connect to single line interface cards (SLM). In addition DLI station ports are used to connect peripheral devices such as door phones and add-on modules. Miscellaneous circuits are built-in to allow such optional features s external paging, music on hold, background music, and common audible devices.

THE SAMSUNG OFFICESERV 7100 PHONE SYSTEM PROVIDES VARIOUS VOICE OVER



INTERNET PROTOCOL, VOIP INTERFACES AS FOLLOWS:

- Voice Over Internet IP Networking
- H.323 Voice Over Internet Gateway VoIP Gateway
- SIP Voice Over Internet VoIP Gateway
- SIP Server
- System SIP User Agent (UA)
- IP Telephone
- Standard SIP Telephone

Reliability

The materials and parts used for the **OfficeServ 7100** hardware are robust and satisfy the mechanical and electric features required for communication systems.

- The cabinet of the OfficeServ 7100 complies with the industrial standards and is assembled by robust and stable metal welding.
- The OfficeServ 7100 hardware does not generate poisonous or corrosive gas, which might be harmful for human bodies or affect the system operation.
- The OfficeServ 7100 hardware is made of materials considering the feature of Electro-Magnetic Interference (EMI).
- The OfficeServ 7100 hardware has a failure-tolerant design to protect the system from the damage caused by an over-voltage situation.