

# S5000 IPBX Enterprise

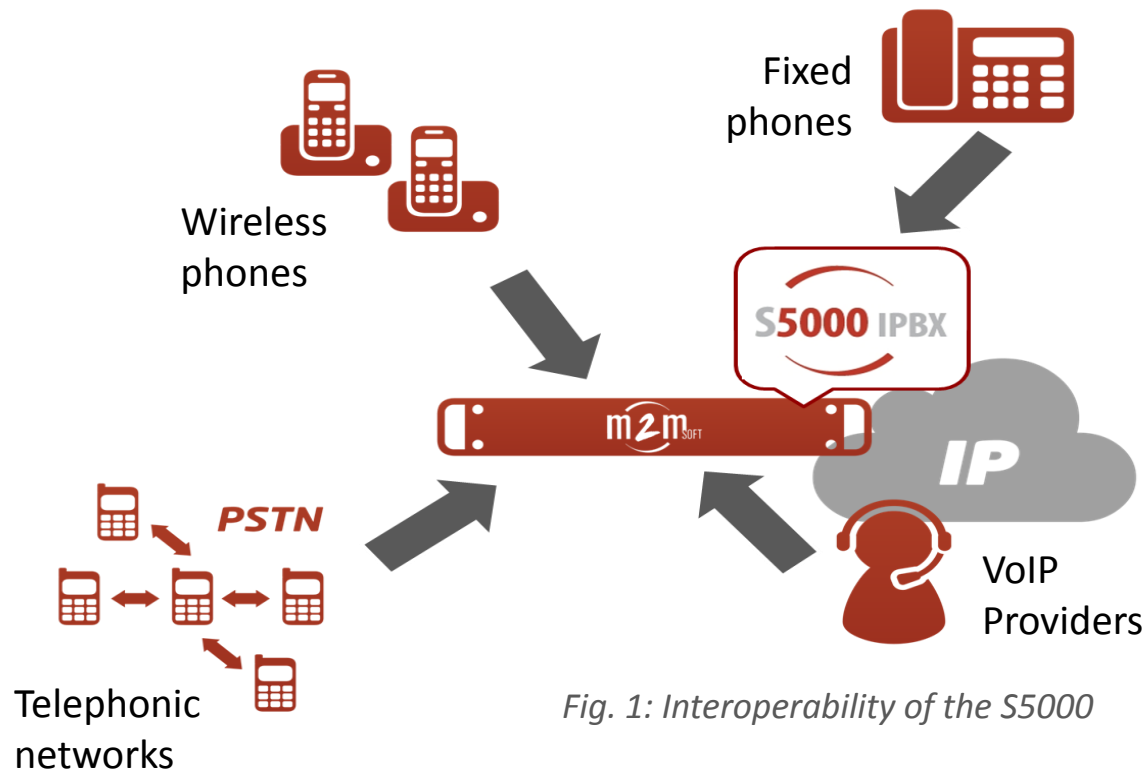


Fig. 1: Interoperability of the S5000

## Overview

The S5000 Enterprise is an IPBX integrating all the advanced functionalities of voice, video and mobility.

Software solutions or integrated on servers, the IPBX by M2Msoft is adapted to all types of environments, workforce, activities.

The selection of the M2Msoft telephony solution is ensuring you a total interoperability with the service providers and the autocomes of the market, an easy deployment and a fast return on investment.

## To order

Contact the sales department of M2Msoft at 0033 820 200 263 or via [sales@m2msoft.com](mailto:sales@m2msoft.com).



## Advantages of the solution

- **All in one solution:** The IPBX M2Msoft integrates all the advanced functionalities of professional telephony (voice messaging, Personal Assistant, group conferencing, interactive voice response, call recorder, ...). With a programming interface, the S5000 can be fully configured.

- **Licensing evolution of capacities:** From 4 to 40 000 posts that can be connected to the system with a strong flexibility on the choice of configurations and evolution possibilities with a simple license adding.

- **Robust and secured systems:** Deployed in constrained environments, the M2Msoft systems have been developed for intensive use and high strength needs. The Enterprise range benefits from those specificities offering a functional system to its users, resistant and protected from every potential attack on the networks. It is also equipped with a redundant system (clustering).

- **Strong interoperability:** Based on the SIP v2 protocol, the S5000 is compatible with every equipment of the same type without any additional hardware. The analogical or numerical systems can be kept thanks to the adding of gateways or certified cards.

- **A fast return on investment:** Thanks to the SIP trunks, the Enterprise clients can benefit from free calls or economic ones between their national or international sites via subscription to IP providers allowing an important diminution of telephonic spendings.

Benefit from a system easily deployed and from an advanced support.



Fig. 2: Rack 2U

# S5000 IPBX Enterprise



## Functionalities of the solution

- Autoprovisionning of phones
- Multi-lines / Comes and goes
- Global journal of calls
- Central directory
- Outlook personal directory
- Distribution of calls (cyclic, multi-ringing)
- Interception of calls
- Calls on hold
- Conference
- Transfers (blind, with consultation)
- Calls forwards (if busy, on no-answer, systematic)
- Supervision of lines
- Identification of the caller (CLIP/CLIR)
- Customized music on hold
- Audio creation tool
- Pre-answering
- Customized holding lines
- Messaging
- Personal Assistant
- Messaging waiting indicator (MWI)
- Reception of voice message by email
- Answering machine
- Click2Talk
- Calls grouping (simultaneous, linear, cyclic)
- Group conferencing (audio, video)
- Conference rooms
- Emergency calls
- Holding lines
- Interactive voice response
- Distribution through agents (ACD)
- Supervision of calls on hold
- Billing
- CDR and statistics
- Recording of communications
- Discrete listening
- Advanced routings
- Video calls
- BLF indicator (Busy Lamp Field)
- DnD (do not disturb)
- SMS/Paging
- Mail2Fax/Fax2Mail
- Secured calls (encryption in option)
- Protection against external VoIP attack
- User Web Page
- Connections for providers/Unlimited SIP trunks
- PSTN connections in option (BRI/PRI)
- Java and C programming interfaces for the development of customized services
- Management of DTMF codes
- Media server integrated (MTP): bank of media channels, music on hold, ...
- Codecs transcoding
- Redundancy / IP Cluster
- SBC (Session Border Controller)
- Automatic NAT
- Gateways SIP/H323
- RTP connectors
- Web interface

## Autoprovisionning of a wide range of phones



## Technical characteristics

### Configuration

- Wizard – Installation assistant
- Linux integrated
- OS supported: Windows XP, Vista, 7, Mac OS
- Web management console
- Integrated web server
- Self service user portal
- Identification
- Database
- Tunnel compatible NAT
- Management of IP phones from a distance
- Blacklisting (per name, per number)
- Management of alarms – syslog
- Management of network parameters
- SIP accounts management
- RTC interfaces management
- Integration of distant sites
- Available and ready to be used on Set Top Box or rack servers or in a software version

### Protocols

- H323v4, H225.0, RAS, Q931, H245, H450, T120, H323 Fast Start, H245 Tunneling, GRQ (Gatekeeper discovery), H261, H263, H323 Annex G, LRQ, switchable routings H335 and H245
- SIP v2 (RFC 3261) on UDP, TCP and TLS, support of RFC 3261, 9581, 2833, 2246, 3515, 2976, 3428, 3325, 3323, 3265, 3311, 4028, 3407, 3420, 3264, 4412.
- Multicast SIP Registrar Discovery
- TLS 1.0 for secured applications and SRTP in option
- RSVP (RFC 2205, RFC 2210 and RFC 2215) for bookings on media channels
- T38 / UDP