Unified communications solution for SMB

iPECS

LIK

# IP PBX System for the SMB

IP PBX SOLUTIONS DESIGNED TO MEET THE NEEDS OF THE SMB, DELIVERING FULL PBX FUNCTIONALITY FOR ORGANIZATIONS RANGING FROM 5 TO THOUSANDS OF USERS

## Our Unique Selling Proposition

Manufactured by LG-Ericsson, a global company, and based on modular, reliable, solid state technology and industry standard protocols, the iPECS IP PBX phone system is built around a true distributed platform, allowing any component, including gateways to be placed anywhere, locally or remotely, providing full enterprise class failover and redundancy of systems, gateways, trunks and power. Each system can scale to 1200 SIP/VoIP/Digital or Analog phones and can be seamlessly connected in a 250 location network. The system features a superb UC client that enables productivity and innovation amongst users, and features integration with the most popular CRM, Fax origination and termination, Soft Phone, Mobile extensions and supporting all PSTN interfaces including SIP natively.

## Minimizing Total Cost of Ownership

The iPECS IP PBX features the lowest total cost of ownership in the industry. We do this by using simple, reliable, inexpensive modular components, that can be placed anywhere in any of your locations. Unlike any other system today, there are no user licensing costs, and when you purchase a 100 or 300 or 600 or 1200 user system, you get exactly that. Additionally, we have built in the "box" standards like SIP (without the need for 3rd party sloppy components that do not integrate. With the iPECS system, get the best of all worlds. Deploy digital, IP, SIP or even Analog phones, all seamlessly connected to our Gateways. There is no need to re-wire that Cat 3 building either. Enable all your locations and make it all work together with our own modules. What's more? How about remote teleworkers do not require VPN, while maintaining strong security encryption across the WAN. Eliminate complexity and costs: the iPECS delivers full power and features at reasonable costs and built to stay that way, backed with a 2 year all inclusive warranty on all components, including Firmware updates!

## Distributed Architecture

Using IP as the core switching architecture, the iPECS call server, modular gateways and phones connect over your LAN or WAN on a single data network. The iPECS distributed architecture provides robust survivability capabilities to alleviate potential network and power outages. High availability and redundancy is everywhere and renders the LG-Ericsson system to be a true Enterprise platform with full functionality and failover everywhere, down to the power supply.

## Native Remote Solution

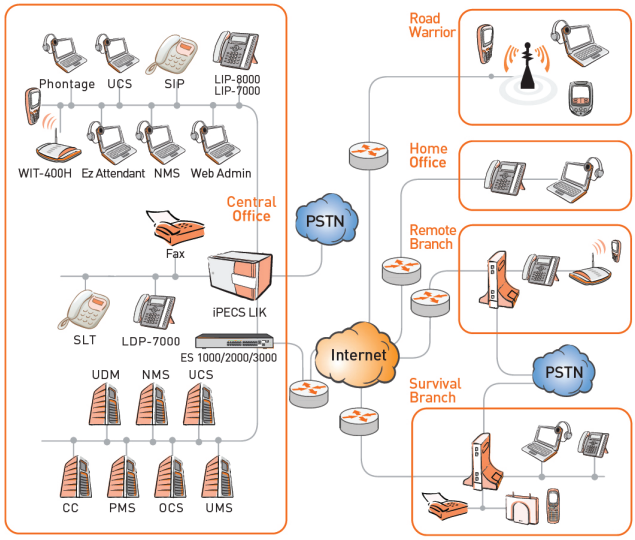
Thanks to the native IP structure, you can deploy the iPECS in remote offices and traveling workers. Branch offices and traveling workers connect to the main office from anywhere where internet is available. With the iPECS, link all your employees together, and all your locations together. As many as 250 systems in a single common communications network without VPNs; can seamlessly work together. And last, the unique Remote Services Gateway (RSGM) solution gives home office workers full access to the main system, all while preserving E911 and analog phone access and redundancy. Did your Internet connection at home fail? Don't worry – with the RSGM module, you will have access to your analog line to make and receive calls.

## It is a PBX

The iPECS system delivers all the functionalities of a traditional PBX and more, as an example, all the traditional features that you are so used to (like call Whisper, barge, and monitor, or call record) are preserved. While other IP PBX systems have forgotten the classic features, the iPECS system integrates all traditional features into an IP modern infrastructure. Now, use the functionality and power of the traditional system, all while using your newest IP infrastructure. Get the best of both worlds. Last, we introduce a very wide choice of Phones: IP, SIP, Digital, Video Phones, Wireless Phones, Soft phones and much more

## Application Platform

iPECS LIK AIM (Application Interface Messaging) technology combines industry-standard TAPI with advanced information and control capabilities. Choose from a variety of 3rd-party developer applications from LG-Ericsson partners, as well as a host of business-ready applications available directly from LG-Ericsson including soft-phones, PC Attendant, Network Management, Unified Communications, Unified Messaging and more. iPECS LIK also provides feature sets for the hospitality industry: the latest PMS integration with Micros Fidelio, global leader in hotel applications, makes the iPECS a logical and practical choice.

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## Call Servers

- Micro for < 20 users : All in one single box solution.
  : Built in SIP trunks, VM, and SLT I/F
- MFIM50A for 20+ users : All in one single box solution.
  : Built in PSTN trunk, VM, VoIP and SLT I/F
- MFIM100 for 50+ users: Built in VM and VoIP
- MFIM300 for 200+ users: Built in VM and VoIP
- MFIM600 for up to 500 users: Dedicated call server
- MFIM1200 for up to 1,000 users: Dedicated call server

## Distributed Architecture

- Remote device connection Gateway: IP phone
- Toll by pass with system LCR: Automatic routing using remote trunk
- System networking up to 250 devices
- Modular type gateway: PRI, BRI, Analog CO, IP trunk, SLT, DKT, MCIM, VMIM, RSGM
- Flexible mounting options: 19" rack mounting, Wall mounting, Desktop mounting

## Centralized Management

- Built in system Web admin: Call Servers include built-in Web server
- Easy to use GUI: Full feature and all device access
- Multiple level ID management: User/Administration/Maintenance ID, Editable access control per each level of user ID
- Zone base device management: Logical device grouping
- Station user admin: Web admin for station configuration

## Session Initiation Protocol (SIP)

- SIP trunk interface: Interoperable with major softswitch
- SIP extension: Basic call ,Hold, Transfer, 3 way conference

## Survivability

- System redundancy: Active & Standard call server duplication
- Local survivability: WAN failure back up. Central mode & local mode
- Power redundancy: Cabinet based PSU back up

## Conference

- Multi party voice conference up to 32 party with MCIM
- Virtual conference room, Conference group call, Ad hoc conference

## Powerful System Functions

- Built in ACD, Fixed line SMS, Hot desking, Individual call routing, Automatic call recording
- ICLID base call routing, T.38, Built in voice mail, Multi language Auto Attendant, Email notification of VM and more

## Mobility

- Wireless IP Phone: Wi-Fi Phone
- Mobile extension: GSM/CDMA linked as a system extension. One number service

| | MICRO | MFIM50A | MFIM100 | MFIM300 | MFIM600 | MFIM1200 |
|---|---|---|---|---|---|---|
| Max Channel No. | 31 | 50 | 100 | 300 | 600 | 1200 |
| Max Trunk Channel | 5 | 42 | 42 | 200 | 400 | 600 |
| Max Station Channel | 26 | 50 | 70 | 300 | 600 | 1200 |
| Built in Trunk | 2 basic + 3 additional | 4 CO | - | - | - | - |
| Built in SLT | 2 | 2 | - | - | - | - |
| Built in VoIP ch. | 2(5*) | 4(8*) | 6 | 6 | - | - |
| Built in VM ch. | 4 | 6 | 6 | 6 | - | - |
| VM recording time | 280min. | 280min. | 210min. | 210min. | - | - |
| PFTU | - | 1 port | 4 ports | 4 ports | 4 ports | 4 ports |
| BGM | 1 Int. | 1 Int. + 1 ext. | 1 Int. + 2 Ext. | 1 Int. + 2 Ext. | 1 Int. + 2 Ext. | 1 Int. + 2 Ext. |
| Local Survivability | Yes | Yes | Yes | Yes | Yes | Yes |
| System Redundancy | No | No | Yes | Yes | Yes | Yes |
| System Gateways | PRIM,BRIM2/4,LGCM4/8,VOIM8/24,SLTM4/8/32, DTIM8,WTIM4/8,POE8, MCIM,VMIM,RSGM | | | | | |
| System Housing | MCKTE, 1URMB, PSU, WBRKTE, WHLD, DHLD & DHE | | | | | |
| System Terminals | LIP-8000 & 7000, LDP-7000, WIT-400H | | | | | |
| Applications | Phontage, UCS, NMS, UMS, UDM, ez-Attendant, IP Networking, 3rd party interfaces(TAPI, SMDR, SMDI, ACD, AIM) | | | | | |
| IP Security & QoS | IPSec, SRTP, 802.1p/Q, IP TOS, Diffserv pre-tagging, TLS 1.0, SSL 3.0 | | | | | |
| VoIP Interface | H.323 v4, SIP(Trunk/Extension), RTP/RTCP, STUN, G.711/G.723/G.729, T.38 | | | | | |
| Application protocol | HTTP, FTP,TFTP,DHCP,PPPoE,SNMP | | | | | |

**No of available channels only using G.711*
***License code required for channel activation*

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