Unified communications solution for SMB

iPECS LIK

PURE IP SYSTEM FOR SMB

IP PBX SOLUTION DESIGNED TO MEET
NEEDS OF SMB.
SPECIFICALLY DESIGNED FOR 20 TO 1,000 USERS
WHILE DELIVERING FULL PBX FUNCTIONALITY.

Grows as your business grows

Select the iPECS LIK call server that best fits the size of you business from 20 to 1000 users. Then select the modular gateway component interfaces to address your needs. As your business grows and changes, the modular architecture lets you expand and change your iPECS LIK by adding new modules to your network.

It is a PBX

iPECS LIK delivers all the functionality of a traditional PBX and more with features to simplify your business operations and improve productivity. The uncompromising design assures you of the highest reliability and convenience for your business communications.

Minimizing TCO

iPECS LIK employs IP to let you deploy a single network infrastructure and modular components to lower your CAPEX. Managing a single infrastructure, employing modular components to expand your system, simple implementation for remote offices and traveling workers, enhanced productivity applications and advanced network management services all allow your business to lower your OPEX.

Application platform

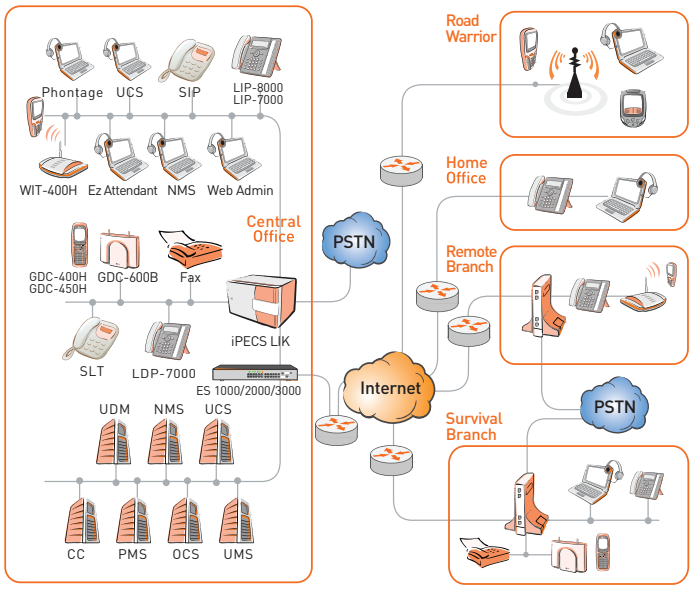
iPECS LIK AIM (Application Interface Messaging) technology combines industry standard TAPI with advanced information and control capabilities. Choose from a variety of 3rd party developer applications from LG-Ericsson partners. Or, select from a host of business ready applications directly from LG-Ericsson including soft-phones, PC Attendant, Network Management, Unified Communications, Unified Messaging and more. iPECS LIK also provides perfect feature sets for hotel business. Latest PMS integration with Micros Fidelio which is a global market leader in hotel industry makes iPECS much more attractive.

Distributed architecture

Using IP as the core switching architecture, the iPECS LIK call server, modular gateways and terminals connect over your LAN to implement a single voice and data network. iPECS LIK distributed architecture provides robust survivability capabilities to alleviate potential network and power outages without adding over-head costs.

Native remote solution

Thanks to the native IP structure, you can deploy iPECS LIK with remote offices and nomadic employees. Branch offices and traveling employees connect to HQ anywhere there is an IP network. The unique RSGM solution gives home office workers full access to iPECS LIK. Link as many as 250 systems in a single common communications network. With iPECS LIK, there is no need for any employee or office to be stranded on a communications island.



LG-ERICSSON

Call servers

- MFIM50A/B 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, DECT
- Toll by pass with system LCR: Automatic routing using remote trunk
- System networking up to 250
- Modular type gateway: PRI, BRI, Analog CO, IP trunk, SLT, DKT, DECT 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

- IP DECT Network based solution: Full feature system DECT
- Wireless IP Phone: Proprietary system terminal
- Mobile extension: GSM/CDMA linked as a system extension. One number service

	MFIM50B	MFIM50A	MFIM100	MFIM300	MFIM600	MFIM1200
Max Channel No.	50	50	100	300	600	1200
Max Trunk Channel	42	42	42	200	400	600
Max Station Channel	50	50	70	300	600	1200
Built in Trunk	2BRI + 2BRI*	4 CO	-	-	-	-
Built in SLT	2	2	-	-	-	-
Built in VoIP ch.	4(8**)	4(8**)	6	6	-	-
Built in VM ch.	6	6	6	6	-	-
VM recording time	270min.	270min.	210min.	210min.	-	-
PFTU	-	1 port	4 ports	4 ports	4 ports	4 ports
BGM	1 Int. + 1 ext.	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 & LKD, GDC-400B/600B, GDC-400H/450H, WIT-400H					
Applications	Phontage, UCS, NMS, UMS, 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					

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

LG-ERICSSON

Presence Management

"LG-Ericsson, It's not all we know, But it is all we Sell"

LG-Ericsson Co., Ltd. www.lgericsson.com
GS Tower, 679 Yoksam-dong, Kangnam-gu, Seoul, 135-985, Korea

This document is for general guidance purpose only. The information provided in this document is valid as of the date of its publication and is subject to change without notice. LG-Ericsson Co., Ltd. assumes no responsibility for any errors or omissions in this documents that result in your misunderstanding.
Copyright 2010. LG-Ericsson Co., Ltd. All rights reserved.