Simply Unifying
For Small and Medium Business Communications, iPECS-LIK

As a core of Ericsson-LG Enterprise unified communications solution, iPECS-LIK brings together voice, messaging, video, and mobile and desktop applications to enable companies to increase productivity, improve their competitive advantage, and deliver a rich media experience across any workspace.

Grows as your business grows

Select the iPECS-LIK call server that best fits the size of your business from 20 to 1,000 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.

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.

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.

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.

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 Ericsson-LG Enterprise partners. Or, select from a host of business ready applications directly from Ericsson-LG Enterprise including, soft-phones, mobile client, PC Attendant, Network Management, Unified Communications, Unified Mes-

saging and more.
iPECS-LIK also provides perfect feature sets for hotel business. Wakeup, room status, check-in / out, and many hotel features are supported from the iPECS-LIK. In addition, PMS interface to integrate various Hotel PMS solutions is provided. The PMS integration with Micros Fidelio which is a global market leader in hotel industry makes iPECS much more attractive.

Ericsson-LG Enterprise iPECS-LIK is IP communication solution designed to meet needs of small and medium business, specifically designed for 20 to 1,000 users while delivering full PBX functionality.

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, Desk top 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 soft switches
- SIP extension for 3rd party SIP phones (with license) : Basic call, Hold, Transfer, 3 way conference
- SIP VM / UMS with license for server / client

Survivability

- System redundancy : Active & Standby call server duplication
- Local survivability : Survivable with LIK and CM, WAN failure back up, Central mode & local mode
- Power redundancy : Cabinet based PSU back up

Hospitality

- iPECS Attendant Hotel version : PMS features, suite room control, guest language change
- Check-in/out, wake-up, Room status, emergency call, register mini-bar information in room, pre-paid call, SMS
- PMS interface, Micros Fidelio PMS certified interface

Conference

- Multi party voice conference up to 32 parties 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
- Incoming Caller ID base call routing, T.38, Built-in voice mail, Multi language Auto Attendant, Email notification of VM and more
- Personal call routing : Re-routing to other destination, wait on the phone or leave message wait

Mobility

- Full feature IP and system DECT
- Wireless IP Phone : Proprietary system terminal
- Mobile extension : Mobile phone linked as a system extension, One number service
- Call park / Paging / Conference room service, Call recording, CLI call back, Delayed mobile extension
- iPECS UCS for Desktop and smart phones(Android and iOS)
- iPECS Communicator for smart phones(Android and iOS)

	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	270+270*	270+270*	210	210	-	-
PFTU	-	1 port	4 ports	4 ports	4 ports	4 ports
VMIM	1 (9 hours)	1 (9 hours)	1 (9 hours)	1 (9 hours)	6 (54 hours)	6 (54 hours)
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, BRIM 2 / 4, LGCM 4 / 8, VOIM 8 / 24, SLTM 4 / 8 / 32, DTIM8, WTIM4 / 8, POE8, MCIM, VMIM, RSGM					
System Housing	MCKTE, 1URMB, PSU, WBRKTE, WHLD, DHLD & DHE					
System Terminals	LIP-9000, 8000 & 7000, LDP-9000 & 7000, IP DECT(GDC-800Bi, GDC-800R, GDC-800H)					
	GDC-600BE, GDC-450H & 500H, WIT-400H & 400HE, ACT-50					
Applications	Phontage, UCS, NMS, UMS, ez-Attendant, IP Networking, 3rd party interfaces (TAPI, SMDR, SMDI, ACD, AIM , Micros Fidelio)					
	iPECS UCS, iPECS Communicator, iPECS ClickCall, RCC Client for MS Lync, iPECS CCS, iPECS Report Plus,					
	iPECS Attendant, iPECS IPCR, SIP VM / UMS / IVR / Color ring / Call recording					
IP Security & QoS	IPSec, SRTP, TLS 1.0, SSL 3.0, 802.1p/q, IP TOS, DiffServe pre-tagging					
VoIP Interface	H.323 v4, SIP(Trunk / Extension), RTP / RTCP, STUN, G.711 / G.722 / G.723 / G.729, T.38					
Application protocol	HTTP, FTP, TFTP, DHCP, PPPoE, SNMP					
Web Browser	Microsoft Internet Explorer, Google Chrome, Mozilla Fire Fox					

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

iPECS is an Ericsson-LG Brand

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