

ERICSSON-LG ENTERPRISE COMMUNICATIONS SOLUTIONS



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Ericsson-LG Enterprise Communications Solutions

Ericsson-LG, a joint venture between Ericsson and LG-Electronics, is a global leader in providing innovative technology and business communications solutions. Ericsson-LG enables enterprises to boost revenue, reduce costs, enhance customer service, and increase productivity.

With more than 40 years of experience, Ericsson-LG recognizes and understands customers concerns and requirements when selecting a communications solution. As a reliable business partner Ericsson-LG offers customized solutions to small and large enterprises with a portfolio ranging from mobile, fixed network infrastructure, voice and data solutions.

Ericsson-LG focuses on the following core values when delivering enterprise communications solutions;

- Convergence** Ericsson-LG meets customer's needs for converged services including voice capabilities, applications suites, data networking and management tools.
- Compatibility** Ericsson-LG protects your investments through feature enhancements in your existing environment and the seamless migration to a converged IP world when it works best for your business.
- Efficiency** Ericsson-LG offers total solutions including management platforms for UC, Mobility and Security which are designed to improve efficiency.
- Future proofed** Our R&D investment is focused on continuous technology leadership in IP Communications. The innovative technology enables easy expansion in either features or system capabilities as your business needs change.

Ericsson-LG ensures your competitiveness through delivering end-to-end communications solutions that provide the answers for your business.

ENTERPRISE BUSINESS

iPECS Platforms

The value of any solution to an enterprise must be tied to the quantifiable results it can deliver to the organization. As an enterprise expands, these results become apparent as their workforce becomes mobile, global, and dependent on ease of communications and collaboration. For the business to perform and stay competitive, enterprises need tools that interoperate well together and bring fast, well informed, critical decision making that facilitates faster, more efficient performance in the work environment.

To meet the enterprise needs, Ericsson-LG offers the iPECS, converged IP Enterprise Communications Solutions, that delivers a complete product lineup for unified communications including voice, data and applications for small to large enterprises. iPECS Platforms, including call servers and gateways are at the heart of the iPECS solutions that have highly reliable hardware and software, fully distributed IP architecture and rich set of easy to use features.



APPLICATIONS

Empowering Business Communications and Collaboration

To enrich the business communications experience and empower collaboration, applications are critical in addition to IP telephony platforms. Ericsson-LG provides a variety of software applications for business communications and collaboration. Unified Communications Solution (UCS) is designed for enterprise business customers, Phontage is an IP based soft client that can fully replace a desktop keyset. TAPI based office CTI application and PC based attendant console are also available with all the platforms.

Server based unified messaging solution can improve users' productivity when combined with iPECS platforms. Management applications for network, systems and phones provide customers convenience in administration and management.



Soft Clients

IP based Soft Phone Applications

Soft clients turn your PC, laptop or mobile phone into a complete IP terminal with many additional features. These are ideal for users who communicate frequently, manage multiple calls, set up ad-hoc conferencing, and need to be highly available. The solutions provide users with anytime, anywhere access to unified communications capabilities including voice calling, audio conferencing, corporate directories, and communications logs.



Phontage

Phontage is a multi-media communications tool that integrates the extensive iPECS voice communications capabilities with communications aware applications on your PC, PDA or Symbian Smartphone. The Phontage user friendly interface enriches your communications experience and eases access to contact databases.

Powerful communications tool

- All the features of an IP multi-button desk phone
- Link to the users desk phone with simultaneous ring
- Phone book, Call log, Scheduled dial, SMS, Video calling and Application sharing features

Simple personal contact management

- Personal phone book with links to the users' PIM (Personal Information Manager) such as Microsoft Outlook, GoldMine, and ACT!
- Synchronizing the DB with Outlook contacts and scheduler for simple data management

Variety of client types

- Available in several versions; Basic, Deluxe and PDA
- Basic: powerful tool for users with intense communications needs
- Deluxe: users who need one-on-one multimedia collaboration
- PDA: perfect multi-tasking mobile communicator



[Android]



[iOS]

iPECS Communicator

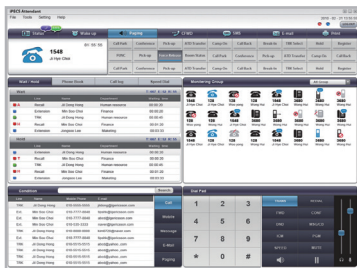
iPECS Communicator is a software application resident on mobile smart phones running Android and iPhone operating systems.

iPECS Communicator is a SIP based softphone for users who need to keep seamless communications with one number either using a mobile or office phone. Basic call features including dial, pick up, hold, transfer and other features such as Short Message Service (SMS), call log, phone book are supported.

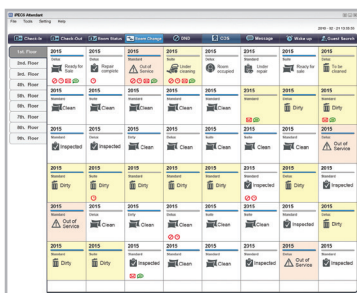
Software Attendant Console

Operator and Information Solutions

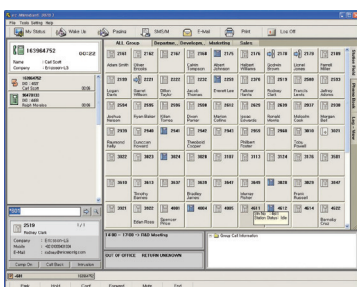
Ericsson-LG provides PC-based software attendant consoles that integrate telephony with external call data and workforce information. The applications simplify call handling and meet evolving communications requirements. As the operator consoles for Ericsson-LG's communications systems, ez-Attendant and iPECS Attendant give highly efficient telephony connections for attendants, receptionists and secretaries. They allow operators to quickly and easily provide communications and presence information for any telephony connection request.



[iPECS Attendant Office Version]



[iPECS Attendant Hotel Version]



iPECS Attendant

iPECS Attendant is the IP attendant console that extends the features of ez-Attendant features with soft phone function, hotel features and an improved user interface. Based on the iPECS Platforms that integrated with iPECS Attendant, the supported features are various.

Embedded softphone functions

- Operating without the need for an external phone
- High quality voice communications using PC

Easy to use interface

- Easier and more intuitive design and display icons
- Flexible display options

Various productivity enhancement features*

- Call Recording from the application
- Video call
- Call statistics for each operator
- Recent call history display

Hospitality features

- Check in / out, wake up call, room status, room cut off, etc.
- iPECS Attendant Hotel for basic PMS functionality with iPECS-LIK / MG
 - Check-out billing service, Custom billing format
 - System Information update in real-time (PMS DB sync)
 - DND service, message service
 - Room class (COS) setting, Room change

* Only applied to iPECS-CM / LIK

ez-Attendant

ez-Attendant works in conjunction with the Attendant's IP phone providing enhanced attendant features and efficiency.

Easy to use attendant and flexible call handling

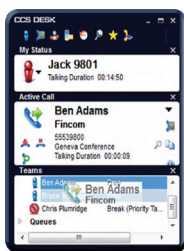
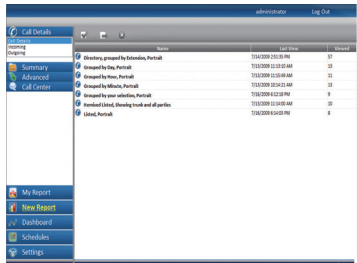
- Mouse point and click or programmable hot keys to select features
- Real time presence showing the status of users
- Drag and drop the call from the queue to another station for handling

Directory management

- Local and corporate contact database integration for quick access
- Compatible with Outlook, Excel, ACT! and GoldMine

iPECS CCS

Compact Contact Center Application for iPECS



Ericsson-LG offers a contact center suite designed for small and medium business. iPECS CCS(Contact Center Suite) is a multi-channel IP contact center solutions package best integrated with iPECS Platforms. iPECS CCS consists of ACD, CTI and Reporting modules as part of the basic package and many optional value added function modules.

Best suite for small & medium-sized contact center

- Cost effective bundles for basic contact center with iPECS Platforms
- Flexible add-on and optional modules for additions functionalities
- Easy installation and operation with intuitive and simple functions
- Built-in CRM interface for major CRM Solutions

Benefits of all software solution

- Software based media processing through SIP
- No PSTN media interface card

Next generation single multi-media solution

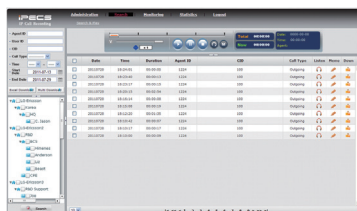
- E-mail, Voice Mail, Fax, Web chat support
- Social media interface – Twitter, Facebook
- Multi-Media Outbound Tele-marketing

Web based reporting tool

- Real-time monitoring and historical reports on a range of call accounting, billing, call analysis, etc.
- Integrating with Voice Recording or CRM/Database in the contact center to show comprehensive reports
- Business intelligent Dash Board

iPECS IPCR

IP Call Recording



iPECS IP Call Recording (IPCR) is a call recording and monitoring solution tightly integrated with iPECS Call Servers optimized for small and medium sized offices and contact centers. IPCR is designed as a simple and cost effective solution, while it delivers powerful value added features. iPECS IPCR can meet the needs of robust call recording to ensure regulatory compliance and quality management.

All-in-one cost effective solution

- Single server solution
- Low total cost of ownership

Feature rich solution

- Basic monitoring and statistics reporting functions
- Powerful value added features including voice packet encryption, local survivability, remote maintenance, and fault alarms

Flexible deployment like other iPECS solutions

- Recording, monitoring and saving conversations of remote branch, home office and road warriors either in a central server or local server based on the user demands
- Up to 10 iPECS call servers can be registered with an IPCR server
- Up to 10 IPCR servers per iPECS-LIK server

TERMINALS

Business Communications Phones

To an end user, the telephone that sits on the desk is the system. It is the critical interface that determines how easy it is to use the system, and in turn, how productive, effective and satisfied they can be. That's why Ericsson-LG offers a wide range of user-friendly business sets to fit any business.

Ericsson-LG IP Phones support a comprehensive suite of telephony features and applications with solutions designed to meet varying communications needs from small-to-large environments. The portfolio includes desktop IP phones, IP conference phone and Voice over Wireless LAN handsets.



IP Phones

Enjoy the wide selection of system IP phones. There are 8 types from entry level to professional business terminals, designed to best fit the users' business needs. The Ericsson-LG proprietary protocol provides fully integrated system features just like a conventional feature rich PBX solution.

Simple installation and maintenance are designed into the phones. Managers and administrators can access the system via the web admin from any remote location. The intuitive user interface helps manage sophisticated feature configuration and easy maintenance routines.

LIP-9070

Premium Touch Screen IP Phone

Technological innovation of IP Desktop phone and the growth of improved Graphic User Interface(GUI) provide new end-user experience.

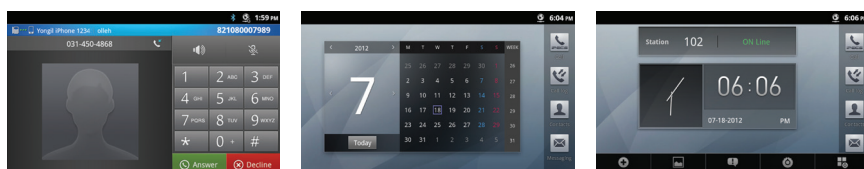
Ericsson-LG LIP-9070 IP Phone is a premium desktop video conference phone with multi-touch user interface. You can easily access video communications with colleagues over the phone and enjoy new experience of various media.



- 7" TFT color display with Capacitive Touch
- Android OS
- WVGA resolution
- Video communications among iPECS video clients (UCS, 8050V, Phontage)
- 1.3M pixel CMOS camera (1280 x 1024)
- Memory: Main 512MB DDR2 / 4GB Storage
- Gigabit support
- Soft flexible buttons: 48 for SIP / 30 for iPECS protocol
- Media play, picture viewer
- Built-in software application

LIP-9070 Software Menu and Application

- Home Page
- Calculator
- Clock
- Gallery
- Station SMS
- Launcher
- Setting
- Calendar
- Contact
- Music
- Call Log
- Camera





LIP-8050E

Color screen IP Phone

- 4.3" Wide Color Graphic screen
- 5 Programmable feature keys
- USB interface [USB 2.0]
- LLDP-MED / 802.1x/EAP-MD5
- VLAN, Open VPN support
- Gigabit support



LIP-8040E

IP phone for executives

- Informative large 9 Line backlit LCD
- User programmable 10 feature keys with LCD labeling
- BLF information with triple color LED
- Professional headset integration via RJ11
- LLDP-MED / 802.1x security support
- Open VPN support
- Gigabit support



LIP-8024E

IP phone for professional call handling position

- 4 Line backlit LCD
- User programmable 24 feature keys
- BLF information with triple color LED
- More informative display with feature icons
- LLDP-MED / 802.1x security support
- Open VPN support
- Gigabit support



LIP-8012E

Everyday use standard IP phone

- 3 Line backlit LCD
- BLF information with triple color LED
- High quality voice codecs
- LLDP-MED / 802.1x security support
- Gigabit support
- User programmable 12 feature keys
- Enhanced quality conference call
- Open VPN support



LIP-8008E

Alternative standard IP phone

- 4 Line LCD
- BLF information with triple color LED
- High quality voice codecs
- User programmable 8 feature keys
- Enhanced quality conference call
- LLDP-MED / 802.1x security support



LIP-8002E / 8002AE

Entry level IP phone

- 2 Line LCD, Grey scale graphic display
- LLDP-MED
- User programmable 4 feature keys
- LIP-8002E (PoE support) / LIP-8002AE (non PoE with adapter)



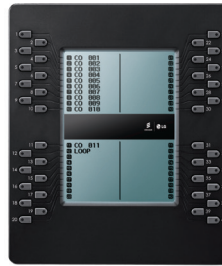
LIP-8012DSS



LIP-8048DSS



LIP-8012LSS



LIP-8040LSS



E-BTMU
(Bluetooth Dongle)

	LIP-8012DSS	LIP-8048DSS	LIP-8012LSS	LIP-8040LSS
DSS keys	12 w/ triple color LED	48 w/ triple color LED	12 w/ triple color LED	40 w/ triple color LED
Underlay	Paper	Paper	LCD	LCD
Power supply	Via keyset up to 2	Via external up to 4	Via keyset up to 2	Via external or PoE up to 9

E-BTMU
Optional Module
Bluetooth v2.1 + EDR
Support smart phone and headset

Wi-Fi Phone

WIT-400HE offers secure mobility connecting to the Ericsson-LG Call Platforms. By using iPECS protocol, it guarantees rich features and better communications quality.



WIT-400HE

- 2" TFT Color LCD
- iPECS Protocol based system terminal
- 802.11 b/g compatible/ 802.11e for WLAN QoS
- Talk time 3hrs / Standby time 50hrs
- WEP, WPA-PSK, WPA2-CCMP
- G.722 Wideband voice codec
- PTT, SMS, Volume control
- 3-way conference, system hold, call back, linked pair and more system call features

Digital Phones

The LDP Series are Ericsson-LG's Digital desktop phones that bring the functionality of iPECS-LIK, iPECS-MG and ipLDK to the desktop with display-based interfaces, call log, self-labeling keys, and simplified administration. Also Ericsson-LG digital telephones meet the diverse requirements for features, reliability, ease of use, and productivity as well as ergonomic user friendly design.



LDP-9030D

- 3 Line LCD with high visibility backlighting
- 30 Programmable buttons
- More extension handling with optional DSS
- Hands-free operation with optional Bluetooth
- 3 Soft keys
- 7 Fixed buttons



LDP-9008D

- 2 Line LCD with high visibility backlighting
- 7 Fixed buttons
- Paper underlay
- Enhanced high quality conference calling
- 8 Programmable buttons
- Wall mountable
- Flexible desktop configuration options via tilting handset



LDP-9048DSS

- 48 Programmable buttons
- Compatible with LDP-9030D
- Paper underlay
- Up to 5 DSS consoles supported



LDP-7024LD

- 9 Line Large LCD
- 7 Fixed buttons
- Call recording
- Additional device port for SLT / FAX
- Navigation
- 3 Soft buttons
- Hands free operation
- 24 Flexible buttons
- Speaker phone
- Wall mountable



LDP-7024D

- 3 Line LCD
- 7 Fixed buttons
- Call recording
- Additional device port for SLT / FAX
- Navigation
- 3 Soft buttons
- Hands free operation
- 24 Flexible buttons
- Speaker phone
- Wall mountable



LDP-7016D

- 3 Line LCD
- 7 Fixed buttons
- Additional device port for SLT / FAX
- Navigation
- 3 Soft buttons
- 16 Flexible buttons
- Speaker phone
- Wall mountable



LDP-7008D

- 2 Line LCD
- Speaker phone
- 8 Flexible buttons
- Headset jack
- 5 Fixed buttons



LDP-7004D

- 1 Line LCD
- 2 Flexible buttons
- 5 Fixed buttons
- OHD
- Message waiting lamp



LDP-7004N

- 2 Flexible buttons
- 5 Fixed buttons
- OHD
- Message waiting lamp

SPECIFICATIONS

LIP-8000E series

	LIP-8050E	LIP-8040E	LIP-8024E	LIP-8012E	LIP-8008E	LIP-8002E LIP-8002AE
LCD	4.3 inch	9 line LCD	4 line LCD	3 line LCD	5 line LCD	2 line LCD
Backlit	Yes	Yes	Yes	Yes	-	-
Gigabit Support	2 x 10 / 100 / 1000 BASE-T	2 x 10 / 100 / 1000 BASE-T	2 x 10 / 100 / 1000 BASE-T	2 x 10 / 100 / 1000 BASE-T	2 x 10 / 100 BASE-T	2 x 10 / 100 BASE-T
Programmable keys	5	10	24	12	8	4 (w/o BLF)
Soft key	3	3	3	3	3	-
Navigation	Yes	Yes	Yes	Yes	-	Yes
Fixed keys	8	8	8	8	8	8
MWI	Yes	Yes	Yes	Yes	Yes	Yes
PoE	Yes (Class 2)	Yes (Class 2)	Yes (Class 2)	Yes (Class 2)	Yes (Class 2)	Yes(Class 1) / No
Speaker Phone	Yes	Yes	Yes	Yes	Yes	Yes
Bluetooth (E-BTMU)	Yes	Yes	Yes	Yes	-	-
DSS Connection	All DSS/LSS	All DSS/LSS	All DSS/LSS	All DSS/LSS	8040LSS	8040LSS
VPN (Open VPN)	Yes	Yes	Yes	Yes	-	-
LLDP-MED	Yes	Yes	Yes	Yes	Yes	Yes
Codec	G.711, 729 & 722	G.711, 729 & 722	G.711, 729 & 722	G.711, 729 & 722	G.711, 729 & 729	G.711, 729
IP Address	Static/DHCP					
Protocol	Ericsson-LG iPECS protocol					
Security	SRTPw/AES-128					
Major Features	Speed dialing, Redialing, Call holding, Call waiting, Call park/Call pick up, Call forwarding, Conference call, Volume up/down control, Caller ID, Distinctive ring/Multi-ring, Multi-lines, Direct mail/Messaging access, Directory/Phone book and full system features					

LDP-7000 / 9000 series

	LDP-7024LD	LDP-7024D	LDP-7016D	LDP-7008D	LDP-7004D	LDP-9008D	LDP-9030D
LCD	Graphic Large LCD (9 x 32 char)	3 line LCD (3 x 24 char)	3 line LCD (3 x 24 char)	2 line LCD (2 x 24 char)	1 line LCD (1 x 16 char)	2 line LCD (2 x 24 char)	3 line backlit LCD (3 x 24 char)
Flexible button	24	24	16	8	4	8	30
Soft key	3	3	3	-	-	-	3
Feature button	8	8	8	6	4	9	9 + 2 (page L / R)
Navigation	Yes	Yes	Yes	-	-	-	-
Speaker	Yes (Option: Full Duplex)	Yes (Option: Full Duplex)	Yes (Option: Full Duplex)	Yes (Half Duplex)	OHD	Yes (Built-in Full Duplex)	Yes (Built-in Full Duplex)
DSS	Yes	Yes	Yes	-	-	-	Yes
Call Log	Yes	Yes	Yes	-	-	-	Yes
Earphone jack	Yes (Audio Jack)	Yes (Audio Jack)	Yes (Audio Jack)	Yes (Audio Jack)	-	Yes (Modular)	Yes (Modular)
Bluetooth (Hands-free)	Yes (Option)	Yes (Option)	-	-	-	-	Yes (Option)
USB (Call Recording)	Yes (Option)	Yes (Option)	-	-	-	-	-
Additional Device Port for SLT & FAX	Yes	Yes	Yes	-	-	-	-
Wall mountable	Yes (Option)	Yes (Option)	Yes (Option)	Yes (Option)	Yes (Option)	Yes (Built-in)	Yes (Built-in)

The content of this document is subject to revision without notice due to continued progress in methodology, design and manufacturing. Ericsson-LG shall have no liability for any error or damage of any kind resulting from the use of this document.

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