

# ERICSSON-LG ENTERPRISE COMMUNICATIONS SOLUTIONS



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## Ericsson-LG Enterprise Communications Solutions

Ericsson-LG Enterprise, a joint venture between Ericsson and LG-Electronics, is a global leader in providing innovative technology and business communications solutions.

Ericsson-LG Enterprise enables enterprises to boost revenue, reduce costs, enhance customer service, and increase productivity.

With more than 40 years of experience, Ericsson-LG Enterprise recognizes and understands customers concerns and requirements when selecting a communications solution.

As a reliable business partner Ericsson-LG Enterprise offers customized solutions to small and large enterprises with a portfolio ranging from mobile, fixed network infrastructure, voice and data solutions.

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

- Convergence** Ericsson-LG Enterprise meets customer's needs for converged services including voice capabilities, applications suites, data networking and management tools.
- Compatibility** Ericsson-LG Enterprise 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 Enterprise 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 Enterprise 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 Enterprise 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.



# iPECS UCP

Unified Communications Platform  
for UC&C and Mobility Solutions

## Features and Benefits

### Easy and economical UC

- iPECS UCS Standard server is built in iPECS UCP
- iPECS UCS Standard provides various features such as Video, Instant Message(IM), Audio Conference, Visual Voice Mail(VVM) etc.
- iPECS UCS Premium server (External Server) provides more various features than Standard server

### Efficient investment

- Expansion of system capacity is available by a simple license up to Max. 2400 port
- User can reduce initial investment cost
- Ability to expand with licenses as the business grows

### Increased reliability with distributed architecture

- Geographical Call Server Redundancy & Power Redundancy
- T-Net(Transparent Networking)

### Improved business performance

- Various applications for user (IPCR, Attendant, NMS, Voice Mail, ClickCall, RCC Client for Lync)
- Users can create an efficient communications solution with various applications

### Anytime & Anywhere connectivity

- iPECS UCS Mobile Client, Communicator, Mobile Extension and Wi-Fi Phone are available
- Increased connectivity while both in and out of the office



## Simple, Flexible and Cost-Effective Platform

iPECS UCP is Ericsson-LG Enterprise's unified communications platform designed to meet SMB and Enterprise communications needs. As a ground breaking innovative platform, iPECS UCP provides an out of the box UC and mobility solution. In addition, iPECS UCP is scalable for premium UC.

iPECS UCP is designed as a UC integrated call server. It provides, at a default, many built-in services and various extension options. Customers can optimize the solution for their business. iPECS UCP links with feature rich applications to increase any businesses productivity.

Furthermore, you can easily expand the iPECS UCP's capacity simply by purchasing licenses without the need to change hardware. iPECS UCP's easy and simple expansion license allows you to reduce investment costs for future business.

We provide a customized solution for your current and future business with one hardware, iPECS UCP.



# iPECS-CM

Pure IP Communications for  
the Large Enterprise



## Large Enterprise Unified Communications Solution

iPECS-CM is the next generation IP-PBX that provides, in addition to IP telephony, various flexible high quality multimedia services, and mobility designed for medium and large enterprises.

iPECS-CM consists of a range of call servers and gateways for different requirements, and the platforms are flexible to expand from 500 up to 30,000 ports with 500,000 busy-hour call completion(BHCC).

iPECS-CM media gateways provide a simple interface to VoIP (Voice over Internet Protocol) technology, access to standards based telephony networks and applications for Unified Communications and Collaboration.

iPECS-CM is also compatible with other iPECS solutions including systems, applications and IP Phones. Not only integrating with stand alone iPECS call servers, but also iPECS-CM uses iPECS UCP and iPECS-LIK gateways for remote sites to provide a local survivability option.

With the scalability and functionality fitting for large enterprises, iPECS-CM completes the full iPECS lineup regardless of enterprise size.

## Features and Benefits

### Flexible network architecture

- Flexible and simple network design on a pure IP based modular architecture

### Investment protection and cost savings

- A range of phones supported, from high-end IP phones to existing analog phones (Video, IP / SIP, Wi-Fi, Softphone, Digital phone, Analog phone, Mobile phone client, etc.)
- Communications cost reduction via internal VoIP calls and operational cost reduction by easy to use centralized management

### Maximizing reliability and scalability

- Support maximum 30,000 users and 500,000 busy-hour call completion
- Unlimited scalability by networking multiple servers
- Local Survivability with a range of local call servers
- Geographic redundancy for maximizing service availability
- Multiple redundancy options including Call Server / LAN / control / power unit
- Specialized large enterprise features: Directory Number, Digit Conversion, Mobile Extension, Intelligent Routing

### Enriching customers experience

- Use mixed trunks: Digital Trunk (E1 / T1 / PRI / SS7), Analog Trunk(E&M, RD, LD, CO) as well as SIP trunks
- Easy installation and LLDP, auto registration and management via web-based remote/central management
- Automatic Call Distribution function and report
- Support interfacing with 3<sup>rd</sup> party solutions as well as Ericsson-LG Enterprise's applications

# iPECS-MG

IP Hybrid Solution for the SMB

## Optimized IP Hybrid Solution

Ericsson-LG Enterprise has provided customized telephony solutions to the SMB market for many years. The iPECS-MG continues this tradition, building on field-proven technologies and architecture to satisfy core SMB priorities including simplification, flexibility, efficiency, convergence, compatibility, and environmental responsibility.

The iPECS-MG is a highly reliable, extensible and feature-rich hybrid business platform. iPECS-MG supports complete single network IP solutions as well as mixed deployments consisting of both IP and TDM extensions.



## Features and Benefits

### Smarter operation for Green IT

- Energy consumption is reduced by efficient power management

### Simple and flexible architecture

- Built-in communications features and services for a customized platform
- Cost effective expansion using a simple architecture
- Easier operation and maintenance

### Efficiency with enhanced features

- Future-ready technology, open standards based architecture and the latest PBX functions
- Various applications for SMB
- Centralized and remote management and monitoring for the complete system

### Various terminals and multimedia communications interfaces

- Fax, analog, digital, IP phone, IP soft phone, DECT, video phone and various soft clients for UC and collaboration

### Converged solution

- Combined with a full range of terminals and applications
- Integrated with secure networking capabilities
- Centralized management with Ericsson-LG Enterprise data products

### Compatibility

- Smooth migration path from ipLDK-100 / 300 in Ericsson-LG Enterprise portfolio
- Former investment in TDM extensions and trunks is protected and leveraged
- Enhanced IP platform and open standards based architecture for the future

# SMALL AND HOME OFFICE

## Smart and Efficient Solutions

New technologies in the realm of telephony bring communications advances that influence changes in business. Traditional imperatives in the SOHO telephony market are cost effectiveness and ease of operation and maintenance; the latest generation technologies provide both without requiring significant technical training and support. Ericsson-LG Enterprise provides communications solutions that fit the needs of small businesses to help accelerate business opportunities and provide better customer satisfaction with sophisticated service options - while, giving them full-control to manage the system for themselves. In the end, no matter what size your business is, Ericsson-LG Enterprise delivers business critical solutions that give you a competitive advantage.





# iPECS eMG80

## Hybrid Communications Platform

As mobile offices increase, people need a more cost-effective and efficient system. iPECS eMG80 is designed as simple expansion architecture. Users can expand capacity as business grows.

iPECS eMG80 adopts VoIP technologies running on an optimized IP/TDM hybrid switching platform. The ability to communicate seamlessly over IP networks delivers advantages over existing hybrid technologies permitting SMBs to access efficient and productive applications with iPECS eMG80 in a simple and cost effective manner.

iPECS eMG80 is the perfect system for users who are looking for a small, cost effective system that also provides a mobility to increase business productivity. Experience a feature rich and cost effective communications solution with iPECS eMG80.

### Seamless expandability

- From 8~12 users to more than 100 users as business grows
- Multi-cabinet architecture
- Configure dynamic system with four types of basic KSUs and one type of expansion KSU

### Cost effective VoIP Technology

- Advanced VoIP technology supporting low cost SIP trunking
- On/Off-premise mobility
- Remote connectivity and multi-site networking

### Rich features and applications

- The rich feature set spans all the basic features and functions of a modern communications platform such as Transfer, Caller Id, MOH, etc
- Integrated multi-level Auto Attendant and Voice Mail with both mobile and E-mail notification
- iPECS Communicator and iPECS UCS for mobility

### Simple installation and maintenance

- HTML5 based Web admin which is simple solution to system configuration and maintenance
- The Web Manager Install Wizard presents the basic installation in a series of simple steps for an easy basic installation in English or other local languages



# iPECS SBG-1000

## Smart Communications in a Single Unit

iPECS SBG-1000 is a truly converged communications platform tailored for small businesses and SOHO integrating IP telephony, data networking, wireless, security and IT needs in a single unit. iPECS SBG-1000 is optimized to deliver small businesses with limited budgets and resources the advanced communications capabilities of the larger enterprise yielding smart business outcomes.

iPECS SBG-1000 is a next generation smart platform for multiple communications services designed to easily integrate with service providers' advanced managed services such as high speed broadband access and value added services while minimizing the installation and maintenance effort. iPECS SBG-1000 is the right answer to today's converged communications needs.



### Advanced effective communications

- Value added applications including VM, a range of IP Phones and soft phone
- Maximum 24 IP extensions with up to 6 SIP trunks without using DECT
- Options for PSTN back up trunk including 1CO, 2CO, 4CO, 1 BRI or 2 BRI

### Advanced and comprehensive data networking

- Embedded routing protocols, Gigabit WAN, 8 port FE LAN ports with 4 PoE, and Quality of Service
- Advanced 11n Wi-Fi with MIMO and DECT technology for anywhere anytime connectivity

### IT Service functions

- Embedded print server, file server and USB interface to build a shared storage network connecting external USB devices
- FAX / PoS connect and relay for door control or alarms

### Easy installation and management

- Simplified installation and configuration using embedded smart installation wizard
- Local and remote management through an intuitive web-based GUI

# ARIA SOHO Simple Communications for SOHO

New technologies in telephony bring advancement in communications which in turn influence changes in business from large-sized enterprises to small ones. ARIA SOHO is a latest offering, delivered on Ericsson-LG Enterprise's digital technologies, to address the needs of communications in small and medium-sized enterprises and homes.

- Simple and smart telephone system with Plug & Play functionality
- Affordable scale up to 48 extensions and empowering analog extensions
- Services to monitor and restrict outgoing traffic (as needed) in order for a manager to control communications costs.
- Easy hands-on methods for maintenance and operation



# ETHERNET SWITCHES

Simpler and Smarter  
Networking for the SMB



Today, SMBs are facing more and more challenges with the growing complexity of IT solutions from its limited budgets and resources, however, they have to operate in the same business environment competing against larger enterprises. With the vision to deliver an optimized solution to best solve these challenges, the new iPECS Ethernet Switch families are designed to be simpler to install, smarter to manage, highly reliable and affordable. The new iPECS Ethernet Switch solutions perfectly solve the needs from the varying environments and challenges with less effort and lower investment now and in the future.

## Easy to Install

The iPECS Ethernet Switches have plug and play capabilities such as Auto-negotiation of speed and duplex mode, Auto-MDI / MDIX, at-a-glance intuitive status LEDs right on top of the ports. And also its intuitive web user interface makes the installation and administration much easier.

## Advanced Quality of Service (QoS)

Prioritization of the data on the network is essential in order to ensure that mission critical applications such as voice are delivered in a timely manner. The iPECS Ethernet Switches are able to classify packets into different priority queues and deliver each packet in the priority queues using WRR (Weighted Round Robin) or SPQ (Strict Priority Queuing) method.

## Flexible Power over Ethernet

The Ericsson-LG Enterprise iPECS Ethernet POE switches are designed to support both 802.3af and 802.3at standard POE. Therefore, SMBs can flexibly and cost effectively connect standard and high powered devices on a single Ericsson-LG Enterprise POE switch. In addition, the PoE control and monitoring can be easily managed via the intuitive web user interface. (POE models only)\*

## Green Ethernet

iPECS Ethernet Switches incorporate the latest green Ethernet technology to help you save energy costs. The switches use either Energy Efficient Ethernet (EEE) or are able to detect link status and cable length allowing each port to dynamically configure providing maximum power efficiency. (Gigabit models only)\*

## Secure Networking

iPECS Ethernet Switches support key security features like RADIUS authentication and authorization as well as multi-layer filtering. The web management sessions can be secured with HTTPS encryption.

## Smart Management using UDM

Ericsson-LG Enterprise offers an unique management tool, the Unified Device Manager (iPECS UDM), which enables the management of all iPECS product lines from IP Telephony to Data Networking via a single management interface. iPECS UDM simplifies network administration and management through the use of a single consistent and familiar interface.

- System / switch device registration using Site Profile
- Device parameters & inventory information
- Web admin interface
- Telnet / serial command line interface (ES-3000 only)
- Device / port info & traffic monitoring using SNMP
- Ping / traceroute test
- Windows layout control & excel report export
- Topology map display, edit & export

## iPECS ES Series

### iPECS ES-4500 Series L3 Switches



#### ES-4526G

- 24 10/100/1000BASE-T Ports
- 4 Shared SFP Ports
- 2 10G Uplink Slots
- High Availability
- IPv4 and IPv6 routing support



#### ES-4550G

- 48 10/100/1000BASE-T Ports
- 4 Shared SFP Ports
- 2 10G Uplink Slots
- High Availability
- IPv4 and IPv6 routing support

### iPECS ES-3000 Series L2 Managed Switches



#### ES-3026

- 24 10/100BASE-TX Ports
- 2 Gigabit Combo Ports (25~26)



#### ES-3026P

- 24 10/100BASE-TX Ports
- 802.3af/at PoE for all ports (Max 185W)



#### ES-3024G

- 24 10/100/1000BASE-T Ports
- 4 Shared SFP Ports (21~24)



#### ES-3024GP

- 24 10/100/1000BASE-T Ports
- 802.3af/at PoE for all ports (Max 185W)



#### ES-3052G

- 48 10/100/1000BASE-T Ports
- 4 SFP Ports



#### ES-3052GP

- 48 10/100/1000BASE-T Ports
- 802.3af/at PoE for all ports (Max 410W)

### iPECS ES-2000 Series



#### ES-2026

- 24 10/100BASE-TX Ports
- 2 Gigabit Combo Ports (25~26)



#### ES-2026P

- 24 10/100BASE-TX Ports
- 802.3af/at PoE for ports (Max 185W)



#### ES-2024G

- 24 10/100/1000BASE-T Ports
- 4 Shared SFP Ports (21~24)



#### ES-2024GP

- 24 10/100/1000BASE-T Ports
- 802.3af/at PoE for ports (Max 185W)



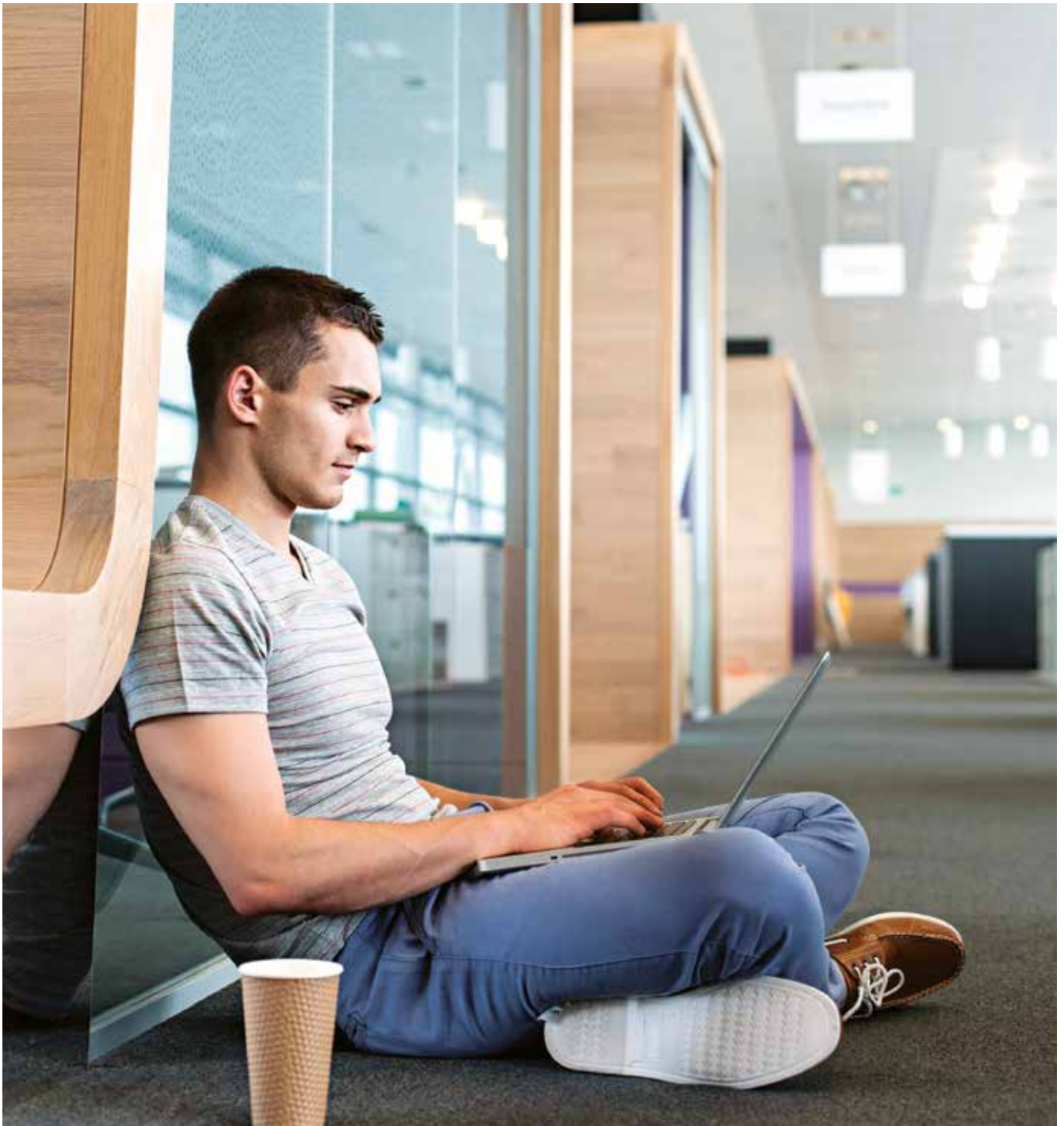
# APPLICATIONS

## 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 Enterprise 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.



# iPECS UCS

## Enhancing Business Performance

iPECS Unified Communications Solution(UCS) is a powerful multimedia collaboration and productivity enhancing tool designed for small to large enterprises. Its single server architecture helps SMB's start experiencing the next generation communications solution without investing in enterprise level equipment. The rich features, capability and the ability to integrate 3rd party solutions are well-suited for large enterprises' UC environment.

*\* UCS features depend on standard and premium version.*



[ iOS ]



[ Android ]



[ Desktop ]

### Audio Call / Conference

- Call popup shows caller's information based on CID
- Outlook popup shows caller's contact information in Outlook based on CID
- Call memo available during a call
- GUI Based Audio Conference Manager
- Based on built-in audio conference system
- Easy conference building by graphical user interface and drag & drop
- Features for conference control (Invite / Master change / Mute / Lock / Record)

### Video Call / Conference

- One-to-one video call from UCS Desktop and Mobile client
- QCIF, CIF, 4CIF video resolution
- Face to face conference at anytime and anywhere
- Max. six party, and eight group video conference (Support only 1:1 on Mobile)
- QCIF, CIF, 4CIF video resolution
- Ad-hoc Conference
- Meet-me conference and e-mail notification
- Application sharing during conference
- Remote monitoring, Still shot, Recording
- Presentation mode(1:32)

### Instant Messaging, SMS and Note

- Various chatting mode 1:1, 1:N, Ad-hoc, and Meet-me
- Inviting others by drag & drop
- Packet encryption by AES
- Send and receive text message to other internal iPECS system or external SMS users
- Leave a note for offline UCS user

### Call Control

- Instant decision on reachability by status color following traffic signal
- Save time and cost through real-time communication with people who are available for collaboration.
- Integrated DND setting is available UCS and Phone at the same time
- Call control in bound desktop phone on UCS desktop client.
- Most call control function can be executed by one click or drag & drop
- Answer / Drop / Deny / Transfer / Hold / Park

## iPECS ClickCall

Significant change  
in your office  
communications



iPECS ClickCall is a smart application used to make communications simpler and easier when working with a PC.

All you need to do is drag a telephone number from any Windows application such as a web site, Windows document or any application running on your PC.

You don't need to memorize a phone number to make a call from a desktop phone. You can even reduce the chances of delays or mistakes made by pressing buttons when making a call in desktop phone.

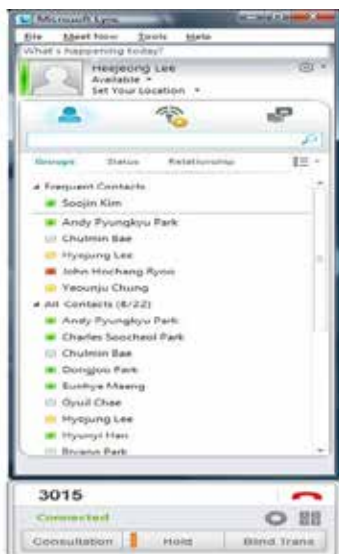
You will be satisfied with the result of a very simple and small change.

### Features

- Make desktop phone calls from your PC
- Support outgoing call
- Show dialed call log(10ea)
- Setup dialing information
- Multiple language support
- Exit/setup through the icon in the Windows tray

## RCC Client for Lync

Remote Call Control client for  
Lync work with RCC gateway



iPECS RCC Gateway solution for linkage with Microsoft Lync composed with "RCC Gateway" and "RCC Client". It's possible to handle outgoing/incoming calls with a simple click. iPECS RCC Gateway solution's various scenarios and features increase staff's productivity and efficiency.

### RCC Client features

- Linkage with both desk phone and Lync client presence
- Desk phone control in RCC Client

### RCC Gateway features

- EV call(PC) option / RCC call(Phone) option
- When user get incoming call, RCC Client and Desk phone provide pop-up and ring together(Dual ring)
  - EV Pop-up --> EV call (PC)
  - RCC Pop-up --> RCC call (phone)
- Outgoing call with simple click on Client(Trunk or Extension)
- Desk phone control on Client(Disconnect, Hold, Call transfer)
- CM mobile extension feature for both desk phone and client support pairing feature
- User can recognize other user's client or desk phone presence

# Soft Clients

## IP based Soft Phone Applications

Soft clients turn your PC and laptop 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.



[ 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.

#### Mobile office for business

- Business Mobile SIP client
- IP telephony, FMC and various UC feature through mobile phone
- Client for various user environment  
(In/Out of office, Home office and Remote smart office)
- Various call scenario for mobile office environment

#### Enhanced features

- Call Back, Call Through
- VCC(Voice Call Continuity)
- TLSv1.0, sRTP, AES/ARIA
- Outbound selection
- mVoIP, QoS display

#### Various features with iPECS platforms

- Call features : Hold, Transfer, Pick up, Call Forward, DND and more
- Outbound selection : Over 3G voice, 3G/LTE data or Wi-Fi voice call
- Conference call
- Phone book(Contact list) integration and management
- Call accept/decline option
- Voice mail notification
- Call recording to .wav

#### Enhancing the communication experience

- High quality voice engine
- Support call from cellular to Wi-Fi network
- Cost reduction by communicating through Wi-Fi or 3G/LTE





## Phontage

Phontage is a multi-media communications tool that integrates the extensive iPECS voice communications capabilities with communications aware applications on your PC or laptop. 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 and Deluxe
- Basic: powerful tool for users with intense communications needs
- Deluxe: users who need one-on-one multimedia collaboration

### User friendly interface

- Always-on-top Call assistant, Smart system tray
- Audio tuning wizard, Wireless hook-switch integration

### Enhancing the communication experience

- With links to your contact manager simply dial by name
- Register Phontage with desk phone and seamlessly switch voice from PC by just lifting the desk phone handset
- With incoming calls, the Phontage delivers a pop-up with details from your contact manager
- Scheduled dialing adds to the power of the Phontage as a personal assistant

# Software Attendant Console

Operator and  
Information Solutions

Ericsson-LG Enterprise 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 Enterprise's communications systems, iPECS Attendant gives 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 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

- Optional station field display mode: icon or list type
- Intuitive display icons: Monitoring window, Queue window and tool bar
- Busy Lamp Field (BLF) and status information display
- Local language selection
- Shortcut keys for frequently used functions
- Pre-selected and customized station status message setting
- Station setting modification: station name, COS, Temporary COS, attendant cancel, music selection
- Attendant status change: Day / Night / On demand / Weekend / Auto ring / Forward

### Simple directory/database management

- Local phone book import and export
- Database and system component back up to the local hard disk drive
- Multiple local database interface
- Phone book management: register / edit / delete, 17 database fields, dynamic search / sort / filter
- Various options for conducting queries

### More productivity enhancements

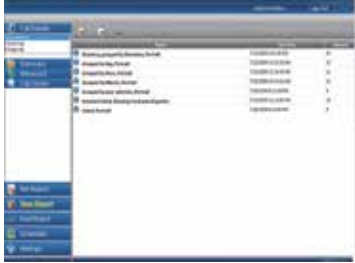
- Internal Text messages can be sent and received
- Wake-up call management: Multiple wake-up, group set, optional set
- Multiple attendants
- Trunk monitoring
- Making outbound call: keypad dialing, click to call from the phone book, station icon, log view
- Superb statistical reporting of all calls

### Hospitality features

- Check in / out, wake up call, room status, room cut off, etc.
- iPECS Attendant Hotel for basic PMS functionality with iPECS UCP / 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

# iPECS CCS

## iPECS Contact Center Suite



Ericsson-LG Enterprise 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 additional functionality
- Easy installation and operation with intuitive and simple functions
- Built-in CRM interface for major CRM Solutions

### Multi channel all in one solution

- iPECS CCS enables you to provide smart customer service enabling customers to communicate any way they choose
- Managing telephone, E-mails, faxes, SMS, web call back, call-back in queue, Web chat, Social Networking
- Different rules for each media or channel

### Single server solution for multi functions

- Virtual server support for multi-functional servers
- Agent use the same iPECS CCS DESK agent for multi-media call handling

### Next generation customer contact

- Enable consistent cross-channel communications
- Social Network Solution support most popular media, Twitter and Facebook
- CRM integration for better service for customers and business integration
- Expert contact leveraging Unified Communications Solutions increase productivity and improve customer service by providing first contact resolution

### 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 CCS consists of basic packages and modularized options for special functions.

- Basic package
  - CCS Q : Multi-channel Inbound CC
  - CCS Desk : Agent's Desktop Software
  - CCS Report : Monitoring and report
- Optional modules
  - CCS Call : Multi-Media Outbound CC
  - CCS Chat : Web chat & instant messaging clients
  - CCS Social : Social Networking with Twitter and Facebook
  - CCS IVR : Interactive Voice Response
  - CCS Record : Voice Recording
  - CCS SMS : SMS Server(TBD)

# 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.

### Real time monitoring and recording Single server for recording all terminals

- All call recording and on-demand recording
- No additional hardware or cabling required
- IP, digital and SLT extension recording
- Graphical agent status monitoring: idle, log in/out, busy
- Live agent call monitoring with a click of mouse
- On-demand recording of the entire call, simply press call recording button any time during the call

### Remote call recording

- Record calls to remote branch, home office, road warriors
- Conversations are saved in a central or remote servers
- Remote packet trans-coding and relay via VOIM
- Multiple codec selection depending on network condition(G.723/G.729)
- Up to 10 systems register and record to a single IPCR server

### Search and play recordings

- Web based search and play
- Keyword search: period, hour, agent, DIC, incoming/outgoing
- Directory search: group or agent selection
- Built-in media player: play, stop, pause, marking, speed control
- Server status and memory monitoring

### Distributed recording

- Traffic balancing employing local IPCR servers
- Local traffic saved in local servers: regional agents, local conversation
- Local survivability
- Up to 10 IPCR servers register and record calls from a single Call Server

### Intuitive display of statistics

- Usage statistics graphs: table, bar chart and line graph
- External calls, internal calls and average talking time
- Hourly, daily, monthly, yearly data and per agent data
- Web display and excel file downloadable

### Conference recording

- From 3 up to 32-party conference recording
- Mixing multi-party conversation paths into one path via MCIM
- Any IPCR registered participants can save the conference



# iPECS UMS

## Unified Messaging Solution



iPECS Unified Messaging Solution (UMS) is a tool that helps business become more dynamic and efficient. Users are able to access all messages from their E-mail to help them manage their time and prioritize message handling.

### Powerful Unified Messaging and more

- Unified messages for voice, E-mail and fax
- Easy to manage and access: via phone or E-mail clients
- Accessible from any remote phone
- Text to speech

### Powerful Auto attendant and voice mail

- Flexible scenario management: Maximum 25 vocal menu levels, multi-language company greeting options
- Easy to edit using web administration interface
- Easy to handle personal greetings
- Fax-on-demand service, company directory look up

### Desktop call control

- Simple incoming call handling, call pop-up with caller ID
- CID-based call screening

# iPECS NMS

## Multi-site Management Tool for SMB



iPECS Network Management Solution (NMS) is a powerful tool for managing fault information, monitoring real time status, maintaining call statistics and databases of multiple iPECS Call Platforms and Switches.

iPECS NMS is a web based application enabling communications managers to access NMS via Internet Explorer from any PC. Providing services for up to 500 iPECS Call Servers except iPECS-CM, iPECS NMS employs standard SNMP (Simple Network Management Protocol) to identify and “trap” events should a problem occur.

### Fault management and real-time system monitoring

- Monitoring registered systems in real-time to deliver fault and alarm event statistics.
- Automatic E-mail alerts defined as critical by the system manager
- Network topology diagram as tree or circle format including zooming & exporting

### System information management

- A list of the resources and components for all registered systems including call servers, gateways, terminals, soft phones, and software associated with systems and components

### Various traffic statistics

- Easily analyzing the traffic data to determine under or over usage of resources and usage trends to adjust system configuration
- Detailed and summary data for call accounting and cost allocation

### Switch information management

- Real-time CPU & memory utilization
- Switch and port related information and configuration

# 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 Enterprise offers a wide range of user-friendly business sets to fit any business.

Ericsson-LG Enterprise 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 13 types from entry level to professional business terminals, designed to best fit the users' business needs. The Ericsson-LG Enterprise 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 Enterprise LIP-9070 IP Phone is a premium desktop video phone with multi-touch user interface. You can easily make one-to-one video calls with colleagues over the phone and enjoy a new experience of various media.



- 7" TFT color display with Capacitive Touch
- Android OS
- WVGA resolution
- Video calls with iPECS video clients (UCS, LIP-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
- Gallery
- Setting
- Music
- Calculator
- Station SMS
- Calendar
- Call Log
- Clock
- Launcher
- Contact
- Camera





## LIP-9040

---

### Professional Gigabit IP Phone

- 9 lines gray graphic with backlit(320x144)
- 36(12x3page) programmable feature keys with 3 color LED
- WB voice for Handset / Speaker phone
- PoE(802.3af)
- LLDP-MED / 802.1x security support
- Open VPN support
- UC enabled (IM Presence of UC client with UCP)



## LIP-9030

---

### Mid range Gigabit IP Phone

- 7 lines gray graphic with backlit(320x112)
- 24(8x3page) programmable feature keys with 3 color LED
- WB voice for Handset / Speaker phone
- PoE(802.3af)
- LLDP-MED / 802.1x security support
- Open VPN support
- UC enabled (IM Presence of UC client with UCP)



## LIP-9020

---

### Standard Gigabit IP Phone

- 5 lines gray graphic with backlit(320x80)
- 10 programmable feature keys with 3 color LED
- WB voice for Handset / Speaker phone
- PoE(802.3af)
- LLDP-MED / 802.1x security support
- Open VPN support



## LIP-9010

---

### Simple functionality for a basic-level IP Phone

- 3 lines gray graphic with backlit(320x48)
- 5 programmable feature keys with 3 color LED
- WB voice for Handset / Speaker phone
- PoE(802.3af)
- LLDP-MED / 802.1x security support
- Open VPN support



## LIP-9002

Professional IP Phone

- 2 lines gray graphic(128x32)
- 4 programmable feature keys with 3 color LED
- Headset / Speaker phone
- PoE(802.3af)
- LLDP-MED / 802.1x security support
- Open VPN support



LIP-9012DSS



LIP-9024DSS



LIP-9024LSS

	LIP-9012DSS	LIP-9024DSS	LIP-9024LSS
DSS keys	12 w/ color LED	24 w/ color LED	12 w/ color LED (2 Page)
Underlay	Paper	Paper	LCD
Support	LIP-9020/30/40	LIP-9020/30/40	LIP-9020/30/40





## 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 Enterprise 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

# DECT

## Business DECT Solution

GDC-800H, GDC-500H and GDC-450H are excellent choices for a business DECT solution.



### GDC-800H (IP DECT)

---

- Feature rich 2" full color LCD
- Polyphonic ringtone
- 25 call list storage capacity
- 100/200 phonebook(local/central)
- Emergency key
- Duplex speaker phone
- Headset jack(3.5mm)
- 16 Languages
- Voice encoding : G.711/G.722
- Standby 180 hrs / Talking 16 hrs



### GDC-800Bi

---

- Base station for GDC-800
- 8 simultaneous calls, 300m RF distance
- Scalable from 1 to 40 bases in a zone
- Software Upgrade Over The Air-sync(SUOTA)
- IP Security TLS, sRTP
- Statistics (Call data, System data, DECT data)



### GDC-800R

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- Professional DECT repeater with extended call
- Max 6 repeaters per base station
- Max 3 repeaters in daisy chain
- Range(open/building) : Up to 300/50m



### GDC-500H

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- Ruggedized design for advanced functionality
- Feature rich 2" full color LCD
- Bluetooth headset support
- Serial port for software upgrade and direct charging
- Different ring tone up to 9
- Speaker phone
- Scanning 5 base stations as candidates for handover
- Standby 100hrs / Talking 10 hrs
- 2.5mm ear mic jack



### GDC-450H

---

- Robust housing for indoor harsh environments
- Scratchproof window and printed buttons
- Feature rich 1.5" full color LCD
- Standby 130 hrs / Talking 20 hrs
- Vibration and Ring LED
- Easy menu via navigation and softkeys
- 2.5mm ear mic jack
- Backlit LCD and keypad



### GDC-600BE

---

- Base station for GDC-500H, GDC-450H and GDC-400H
- 6 simultaneous calls, 300m RF distance
- 3 LED Indicators

# Digital Phones

The LDP Series are Ericsson-LG Enterprise's Digital desktop phones that bring the functionality to the desktop with display-based interfaces, call log, self-labeling keys, and simplified administration.

Also Ericsson-LG Enterprise 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
- 3 Soft keys
- 7 Fixed buttons



## LDP-9008D

---

- 2 Line LCD
- 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



# Analog

## Single Line Telephones

LKA series contains a set of user friendly features and secure connection to Ericsson-LG Enterprise PBXs.



LKA-220C

- 16 Digits, 3 Line LCD
- On hook dial
- Ring lamp / Direct memory (3)



LKA-210

- 16 Digits, 3 Line LCD
- Speakerphone
- Ring lamp / Direct memory (3)



LKA-200

- Simple SLT / Non-display
- 3 Memory buttons
- Redial / Volume control

# Standard SIP Terminals

To exploit the advantages of IP telephony to its fullest, you need the right terminal. Ericsson-LG Enterprise offers the broadest array of IP terminals ranging from a basic entry level IP phone that lets you enjoy the benefits of IP telephony in its simplest form to the highly sophisticated needs of executives and global communicators. The Ericsson-LG Enterprise SIP phones are cost effective, simple to install and easy to use with future proof technology.



## IP8850E

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



## IP8840E

IP phone for executives

- Informative large 9 Line backlit LCD
- Standard SIP protocol / MGCP protocol (IP8840 only) support
- User programmable 10 feature keys with LCD labeling
- Open VPN support
- Gigabit support
- LLDP-MED, 802.1x Security support



## IP8830E

IP phone for professional call handling positions

- 4 Line backlit LCD
- Standard SIP protocol / MGCP protocol (IP8830 only) support
- User programmable 24 feature keys with triple color LED
- Open VPN support
- Gigabit support
- LLDP-MED, 802.1x Security support



## IP8820E

Standard IP phone

- 3 Line backlit LCD
- Standard SIP protocol / MGCP protocol (IP8820 only) support
- User programmable 12 feature keys
- Open support
- Gigabit support
- LLDP-MED, 802.1x Security support



## IP8815E

Basic IP phone

- 5 Line LCD, Grey scale graphics
- Standard SIP protocol / MGCP protocol (IP8815 only) support
- User programmable 8 feature keys with triple color LED
- LLDP-MED, 802.1x Security support



## IP8802 / 8802A

Entry level IP phone

- 2 Line LCD / User programmable 4 feature keys
- LLDP-MED support
- IP8802 (PoE support) / IP8802A (non PoE with adapter)



IP8800 DSS12



IP8800 DSS48



IP8800 DSS12L



E-BTMU  
(Bluetooth Dongle)

	IP8800 DSS12	IP8800 DSS48	IP8800 DSS12L
DSS keys	12 w/ triple color LED	48 w/ triple color LED	12 w/ triple color LED
Underlay	Paper	Paper	LCD
Power supply	Via keyset up to 2	Via external up to 4	Via keyset up to 2

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

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LIP-9000 series  
LIP-8000E series

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LDP-7000 / 9000 series  
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DECT series  
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Enterprise Business Platforms  
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Applications and Terminals  
Support Matrix

# SPECIFICATIONS

## LIP-9000 series

	LIP-9040	LIP-9030	LIP-9020	LIP-9010	LIP-9002
LCD	9 line LCD	7 line LCD	5 line LCD	3 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 BASE-T	2 x 10 / 100 BASE-T
Programmable keys	36 (12x3 page)	24 (8x3 page)	10	5	4
Soft key	3	3	3	-	-
Navigation	Yes	Yes	Yes	Yes	-
Fixed keys	12	12	12	12	10
PoE	Yes (Class 2)	Yes (Class 2)	Yes (Class 2)	Yes (Class 1)	Yes (Class 1)
Speaker Phone	Yes	Yes	Yes	Yes	Yes
DSS Connection	12DSS/24DSS 24LSS/**48DSS	12DSS/24DSS 24LSS/**48DSS	12DSS/24DSS 24LSS/**48DSS	-	-
VPN (Open VPN)	Yes	Yes	Yes	Yes	Yes
LLDP-MED	Yes	Yes	Yes	Yes	-
Codec	G.711,G729AB G.722	G.711,G729AB G.722	G.711,G729AB G.722	G.711,G729AB G.722	G.711,G729AB G.722
UC enabled*	Yes	Yes	-	-	-

\*UC enabled : IM Presence of UC Client with UCP

\*\* 48DSS : will be available in Q4 2015

## LIP-8000E series

	LIP-8050E	LIP-8040E	LIP-8024E	LIP-8012E	LIP-8008E	IP8802 / IP8802A
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	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)

## Wi-Fi Phone

WIT-400HE	
Protocol	iPECS Protocol
Codec	G.711, 729 & 722
Fixed keys	Hold/Save, Trans/PGM, Soft menu keys
Flexible keys	10 feature keys & 12 programmable keys
Wireless Standard	802.11b/g compatible
LCD	2 inch TFT color LCD
Standby Time / Continuous Talking	60 hrs. / 3 hrs.
Wireless Encryption	WEP 64bit & 128 bit

## DECT series

	GDC-800H (IP DECT)		GDC-500H	GDC-450H
Protocol	SIP Protocol		Ericsson-LG Enterprise Proprietary	
Buttons	3 soft keys, 4 ways navigation		2 soft keys, 5 ways navigation	
Languages	16 languages (English, Italian, Spanish, Swedish, Russian, Turkey, German, French, Portuguese, Dutch, Slovenian, Serbian, Croatian, Polish, Danish, Norwegian)		7 languages (English, Italian, Spanish, Swedish, Russian, Turkey, German)	5 languages (English, Italian, Spanish, Swedish, Russian)
Bluetooth	No		Yes (V2.1, headset profile)	No
Speakerphone	Yes		Yes	No
Recommended Talk/Stand-by time	16 / 180 hrs. Li-ion Battery (1,100mAh)		10 / 100 hrs. Li-ion Battery (1,150mAh)	15/150 hrs. Li-ion Battery (960mAh)
Distance Rate	In building	Up to 50m		Up to 40m
	Outside	Up to 300m		Up to 200m
		Up to 300m (at height of 2m)		Up to 40m

## IP8800E series

	IP8850E	IP8840E	IP8830E	IP8820E	IP8815E	IP8802 / IP8802A
LCD	4.3" Wide 480 x 272 pixels Graphical LCD white backlight	9 line 240 x 144 pixels Graphical LCD white backlight	4 line 240 x 56 pixels Graphical LCD white backlight	3 line 240 x 42 pixels Graphical LCD white backlight	5 line 140 x 48 pixels Graphical LCD	2 line 128 x 32 pixels Graphical LCD
Protocol	SIP	SIP	SIP	SIP	SIP	SIP
Flexible buttons	5	10	24	12	8	4 (w/o BLF)
Network Interface	2 10/100/1000 BASE-TX	2 10/100/1000 BASE-TX	2 10/100/1000 BASE-TX	2 10/100/1000 BASE-TX	2 10/100 BASE-TX	2 10/100 BASE-TX
Voice codec	Narrow & Wideband Audio : Full Duplex Hands-free					G.711/729
Optional DSS	Yes	Yes	Yes	Yes	-	-
Bluetooth (E-BTMU)	Yes	Yes	Yes	Yes	-	-
Web management	Yes	Yes	Yes	Yes	Yes	Yes
Auto/Remote update	Yes	Yes	Yes	Yes	Yes	Yes
PoE (802.3af)	Yes	Yes	Yes	Yes	Yes	Yes (8802 only)
VPN (Open VPN)	Yes	Yes	Yes	Yes	-	-
LLDP-MED	Yes	Yes	Yes	Yes	Yes	Yes

# SPECIFICATIONS

## Enterprise Business Platforms

	iPECS UCP			PECS-MG		iPECS-CM			
	UCP100	UCP600	UCP2400	MG100	MG300	CML-S30K	CML-S10K	CML-S4K	CML-S2K
Processor	-	-	-	-	-	iPECS-CM Certified Server considering CM Capacity License CGS Server / Enterprise Server / Business Server			
BHCC						Max 500,000			
Built in VoIP Ch.	2~6ch	6ch	-	4 VoIP channel or 4 AA	4 VoIP channel or 4 AA	-	-	-	-
Built in VM	4ch, 240min	6ch, 360min.	-	-	-	1,920min			
Extension	100	600	2,400	120	294/324(IP)	30,000	10,000	4,000	1,000
Trunk	100	600	998	80	240	10,000	5,000	2,000	1,000
Trunk Group	200	200	200	24	72	500	500	500	500
Tenant Group	100	100	100	9	9	100	100	100	100
Attendant	50	50	50	5	5	30 / Tenant			
Conference	6/10/14/18ch	6/18ch	-	13ch		128ch			
Slot	10 Slots			6 Slots		1,000 Slots/System, 6 Slots/Cabinet			
Power: Input	110/220V, 60Hz			110/220V, 60Hz		PSUA : AC 230V(+/-20%), 50/60Hz(+/-3Hz) PSUD : DC -48V ~ -58V			
Power: Output	48V			+/- 5V, 30V		PSUA : -54 VDC @ 12 Amps, +5V @ 15 Amps PSUD : +5V @ 15 Amps			

## Small and Home Offices

Applications	Description	iPECS eMG80	ARIA SOHO	iPECS SBG-1000
Maximum Capacity	Built-in VM	8	Trunk 3ch. / Extension 8ch. (1 Digital, 7 Hybrid)	-
	TDM Extension	64	48	1
	IP Extension	32	-	23
	DECT	48	-	6
	Trunk	74	12	4
	IP Trunk	16	-	6(w/o DECT in use)
Network		LAN: 10/100 Base-T Ethernet(IEEE 802.3) 1port, Half or Full Duplex(Auto-Negotiation)	-	LAN: 10/100 Base T 1 port WAN: 10/100/1000 Base T 1 port
Power		AC Input: 100~240V +/- 10% Volt AC @47-63Hz DC Output: +/- 5, +27, +30 Volt	AC Input: 230V +/- 10% Volt AC @47-63Hz DC Output: +/- 5, +27, +30Volt	AC Input: 110~240 +/- 10% Volt AC @50-60Hz DC Output: +48Volt
Size(mm), Rack W x H x D		307 x 294 x 126.6	339 x 288 x 85	278 x 233 x 34

# SPECIFICATIONS

## Applications and Terminals Support Matrix

Applications	Description	iPECS UCP	iPECS-CM	iPECS-MG	iPECS eMG80	ARIA SOHO	iPECS SBG-1000
iPECS Attendant	Windows based PC Attendant	O	O	O	O	X	X
Phontage Desktop	IP Softclient for PC	X	O	O	O	X	O
iPECS Communicator (Android / iOS)	IP Softclient for Smartphone	O	O	O	O	X	O
iPECS UCS (Desktop / Android / iOS)	UC Software	O	O	X	O*	X	X
iPECS ClickCall	Click To Call Client	O	O	X	O*	X	O
RCC Client for Lync	MicroSoft Lync Remote Call Control Client Work with RCC gateway	O	O	X	O*	X	X
iPECS CCS	Call Center Application Package	O	O	X	O*	X	X
iPECS IPCR	IP Call Recording Application(Linux)	O	O	O	O	X	O
iPECS NMS	Network Management Solution	O	X(CM NMS)	O	O*	X	X

\* Available on 4Q

Terminals	Description	iPECS UCP	iPECS-CM	iPECS-MG	iPECS eMG80	ARIA SOHO	iPECS SBG-1000
LDP-7000	Digital Keysets	O	O	O	O	X	X
LDP-9000	Digital Keysets	O	O	O	O	X	X
LIP-8000E	System IP Phone	O	O	O	O	X	O
LIP-9000	System IP Phone	O	X	X	O*	X	X
LIP-9070	System Premium IP Phone	O	O	X	O	X	O
WIT-400HE	System Wi-Fi Phone	O	O	O	O	X	O
GDC-450H	System DECT Phone	O	X	O	O	X	O
GDC-500H	System DECT Phone	O	X	O	O	X	O
GDC-600BE	System DECT Base Station	O	X	O	O	X	X
GDC-800H	System IP DECT Phone	O	O	X	X	X	X
GDC-800Bi	System DECT Base Station	O	O	X	X	X	X

\* Available on 4Q

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