

iPECS

Your Communications Solution

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

© Ericsson-LG Enterprise Co., Ltd. 2019 Version 1.0

Ericsson-LG Enterprise Co., Ltd.
(08503) 189, Gasan digital 1-ro, Geumcheon-gu,
Seoul, South Korea
Telephone: +82-2-3777-1114
Fax: +82-2-480-7240
www.ericssonlg-enterprise.com
www.iPECS.com
www.iPECS-Cloud.com

iPECS is an Ericsson-LG Brand

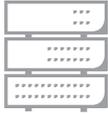


Transform Your Business Communications iPECS eMG800





Is your company considering a transition to IP Telephony? Do you wish to adopt the latest IP technology while keeping your investment on traditional telephony environment? iPECS eMG800 responds to your SME needs enabling both IP telephony and TDM system functionality with its flexible IP converged capabilities. iPECS eMG800 is a highly reliable, extensible and feature-rich business platform that integrates your PSTN, IP and mobile networks providing you with improved business productivity.



EASY AND COST EFFECTIVE MIGRATION SUPPORT, TDM TO IP NETWORK

Ericsson-LG Enterprise has been focused on all size businesses for more than 50 years and this experience is reflected in our products and solutions. iPECS eMG800 is a highly reliable, extensible business platform. As a hybrid platform, it can be flexibly configured and expanded. With iPECS eMG800, you can combine IP and traditional business sets to support a single IP network or mixed network (TDM & IP) solution consisting of IP, digital or single line phones including our UC solution and based on your network environment.

If you're looking for a powerful solution that meets the needs of both digital and IP communications with the latest UC features, iPECS eMG800 will perfectly meet your needs. And if you are already using an iPECS legacy platform, you can protect your current equipment investment by migrating to iPECS eMG800.

Whether you're ready for convergence today or a year from now, your options will be open and your investment will be secure.

WITH UNIFIED COMMUNICATIONS ENHANCE THE PRODUCTIVITY OF YOUR BUSINESS

In business, you need to constantly improve and maximize productivity. iPECS eMG800 is the core platform and iPECS UCS is an application that provides a unified communications solution through the iPECS eMG800. iPECS UCS delivers a wide range of benefits to the SME customer as a built-in simple UC application. It can also be seamlessly expanded for a feature rich full UC solution for the enterprise customers. In addition the iPECS eMG800 provides various applications and communication tools so users can easily work and communicate more effectively with their customers and coworkers more effectively than ever before.

iPECS UCS client is an intuitive desktop and mobile application designed for ease of use. And wherever you are you can reach the resources needed for efficient communications. With a simple click, iPECS UCS client instantly accesses shared resources such as a central company directory and schedule synchronization. Also through presence information, users can reduce communication latency and communicate with others in the most appropriate format, Instant Message, voice call, video conference, SMS and more. For improving decision making and response time, sharing applications, files and features are provided to review the latest information such as sales records. iPECS UCS will simplify your business communications and will improve productivity by linking voice and other communications under an intuitive user interface.

SIMPLE AND EASY MANAGEMENT

Whether you're adding a new employee, moving phones, dispatching a road warrior or deploying a new branch office, iPECS eMG800 always makes it simple to do.

With a simple and straight-forward configuration along with plug and play installation, IT managers appreciate the ability to locate where iPECS solutions are needed without clumsy and difficult configuration limits. And IT managers can monitor and manage call servers from a single remote point and have full access to the database and maintenance features of each system from anywhere.

Maximizing Cost and Communication Effectiveness for SME

Innovative Hybrid Platform, iPECS eMG800

iPECS eMG800 is an optimized SME solution built with the common challenges of SMEs in mind such as growth, flexible IP converged capabilities, unified communications, ease of use, mobility, single management, scalability, reliability and cost-effectiveness.



Embedded UC and Telephony

As the most compelling advantage, UC features are embedded in iPECS eMG800. Users can improve business efficiency and productivity with embedded UC features including real-time voice, video and presence enabled IM with messaging services (Visual Voice Mail and SMS etc.) under a single user interface on multiple devices.

Rich Business Applications

iPECS eMG800 provides a various range of applications and mobile clients to fulfill varying needs and requirements in the SME environments. Also, it offers interoperability with various 3rd party solutions in hospitality, healthcare and other vertical industries.

Wide Range of Mobility

iPECS eMG800 provides multiple mobility solutions to improve business productivity and decrease communication expenses. Various options of iPECS DECT and IP DECT provides feature rich and reliable communications for high demanding mobile workers. iPECS UCS mobile client delivers the power of a desk phones to smartphones or tablet PCs for external mobile workers.

Ultimate Flexibility

iPECS eMG800 enables flexible and cost-effective multi-site deployment. Users can experience iPECS eMG800's seamless and powerful communications. It can be fully networked in T-NET (Transparent Networking) or Networking mode for local survivability and PSTN failover. Through flexible T-NET features, IT managers can easily manage a multi-site architecture.

Seamless Scalability

As a scalable call server iPECS eMG800 allows businesses to easily expand capacity with optional gateways or boards. In addition, simple system port licensing enables upfront investment savings and cost-effective expansion as a business grows. Not only system capacities, but communications features including UC solution can be expanded or added with a simple license.

Embedded VoIP

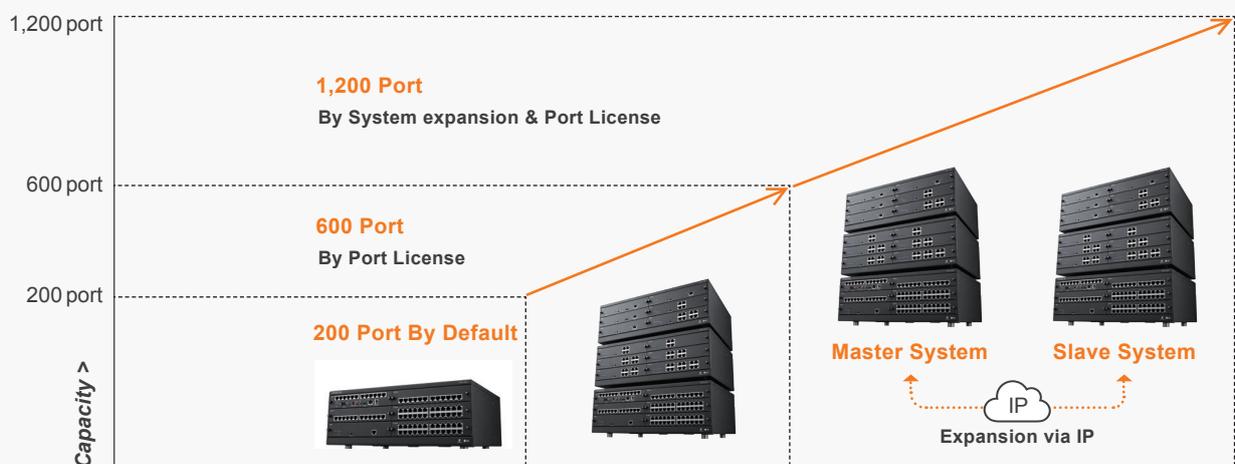
Embedded VoIP channels are one of the great advantages with iPECS eMG800. iPECS eMG800 supports complete single network IP solutions with high capacity VoIP to protect your upfront investment. (Max 8 channel by license) Also, it can seamlessly migrate to an IP converged world as an innovative hybrid platform.

Simple Deployment and Management

iPECS eMG800 with unique architecture fits for various business environments in a simple and cost-effective way. An Installation wizard simplifies the initial installation. In addition, intuitive and customizable Web-admin enables simple management for IT manager. Also, there is another type of web portal for end-user which is called 'Web User Portal'. End-users can easily set up basic personal settings anywhere via desktop or even on a mobile.

Seamless Expandability by License

iPECS eMG800 secures your investment with simple and flexible expandability. Basic capacity is 200 ports and is expandable up to 1,200 ports by a simple system expansion.



“Seamless expandability by license”

Complete Suite Feature Set

Built-in system feature set and UC server provide various applications and collaboration features to meet a variety of customers' needs.



Flexible Deployment for Multi-Site Environments

iPECS eMG800 enables flexible and cost-effective multi-site deployment. Multi-site deployment can be fully networked in T-NET (Transparent Networking) or Networking mode for local survivability and PSTN failover. With flexible T-NET features, IT managers can easily manage a multi-site architecture, and users can experience iPECS eMG800's seamless and powerful communication. iPECS eMG800 can be deployed as a central call manager without redundancy as well as a local call manager. Through an IP connection between the central and local call managers, deployment flexibility and expandability are realized. For growing businesses, users can deploy more than 2 locations with the T-NET feature and easily expand a branch or mobile office with great cost advantages. (T-NET is up to 50 call servers)

Embedded Voice Mail

iPECS eMG800 delivers sophisticated and easy to use voice mail services by default and can seamlessly be expanded as required. With the embedded voice mail channels (Max 8 channel by license) and many valuable voice mail features to enhance the customers interactions, (Multiple user greetings, E-mail notification, VM cascading, Centralized or Distributed voice mail services for multi-location businesses and Multi language service etc.) These features are designed to increase the user's productivity with great Cost Advantages.

Simplified Multiple Calls Handling

iPECS eMG800 provides for multiple call handling allowing seamless communications. A desk phone's DSS buttons can be assigned for handling multiple calls. (Max 48 buttons) With preassigned buttons, users can easily handle multiple calls. For example, when a user is busy on a call and another call is presented to the station, the user can easily decide to answer or transfer the new call based on the pop up CID information using one of the preassigned buttons. When a user decides to answer the new call, the first call is placed on hold automatically allowing for easy and seamless communications.

Embedded ACD

iPECS eMG800 provides an embedded intelligent ACD engine. ACD features provide flexible incoming call routing, easy to use agent features, real-time monitoring and supervision, and call record statistics as well as ACD event messages for management reporting. The caller may receive announcements then route to an available agent. When no agent is available, calls queue to the group awaiting a free agent. With simple ACD features, an agent's work productivity can be increased. Also, supervisors can easily monitor and report with Agent call monitor and ACD statistics report features.

Emergency/Alarm Call Service

iPECS eMG800 provides wide range of emergency/alarm call services (Emergency call, recording, monitoring, SOS paging, pre-recorded announcement, automatic triggering etc.) by the system itself. With embedded emergency/alarm call services, users can take an action rapidly for various emergency situations. For effective management, an automatic call with announcement can play and trigger an external relay contact. Also, all emergency calls are monitored and recorded in the emergency mailbox.

One Number Service

iPECS eMG800 provides one number service to users anywhere on any device. Users can have a consistent experience over multiple devices with seamless call control between devices. For example, when a user's master station receives a call, all devices will receive the call simultaneously. With one number service, users can experience business communication's continuity.

Multi-Tier Mobility and Mobile Extension

iPECS eMG800 is maximized for mobility solutions. In the office, DECT and IP DECT are available. Small-size office and also large-size office can be covered with WTIM24. Max 254 DECT bases with 1000 handsets can be registered with seamless in-call handover. And out of the office, The feature rich iPECS UCS mobile client covers the communication needs for mobile workers. In addition, The Mobile Extension feature is provided for seamless communications and ease of use. Through Mobile extension, calls can be seamlessly and easily moved back and forth between desk phone and mobile phone.

Easy Audio Conference

iPECS eMG800 provides a built-in audio conference bridge for cost-effective collaboration that can be easily expanded as required. With embedded conference features, users can collaborate easier than ever. There are 3 types of audio conference features. Conference Groups, pre-created conference members can easily initiate a group call to all members. Conference Rooms, pre-assigned conference rooms members can join the conference room with a password at any time with any device. And lastly, Ad-hoc Conference as multi-party conference can be easily set-up by the initiator. Conference room maximum is 160 groups and 13 parties per each conference.

Integration with 3rd Party Solution

iPECS eMG800 provides integration with 3rd party solutions. iPECS eMG800 provides a cost-effective way to use the existing solution with high compatibility, by applying universal interfaces such as RESTful API. Generally, direct or middleware integration is supported. When user has a local solution, it can be easily integrated and offer more convenient iPECS features than before through various middleware support. Usually it can be integrated with diverse hospitality and healthcare solutions. With iPECS eMG800's high compatibility, interworking with diverse local customized solutions is possible.

Simple Deployment and Management

iPECS eMG800 is well organized with multiple levels of user-friendly administration tools. With an enhanced Installation wizard and Web-admin, IT managers can deploy and manage the system with ease. With intuitive and customizable Web-Admin, users can program and maintain the system via local or remote connection. In addition, an embedded system monitoring service has various alarm services. System alarm events and in-advance alerts can be notified to a pre-assigned email so that the system can be managed in an appropriate way. (Alarm from external alarm relay contacts, Emergency call notification, Bath alarm, Fault information, Capacity full and License expiration etc.) Also, there is a 'Web User Portal' for end-users to deliver fast customization by themselves. End-users can easily set up basic personal settings (Call Forward, Mobile Extension, Message, Voice Mail, Station Name etc.) anywhere via desktop or even on a mobile.

iPECS UCS Feature Introduction

iPECS eMG800 provides various UC solution features with built-in or external type of UCS Server and Client.

iPECS UCS Highlight

UCS Standard (Built-in)

- No additional H/W server and installation

Rich Presence & IM Continuity

- Integrated presence and personal status
- IM continuity among devices

High quality Video Conference

- Max nine party video conference, sharing for document, desktop and application

MS Outlook Integration

- MS Outlook calendar integration and click to call from MS Outlook

Multi Log-in Support

- Support multi log-in for multiple devices at the same time with single ID/PW

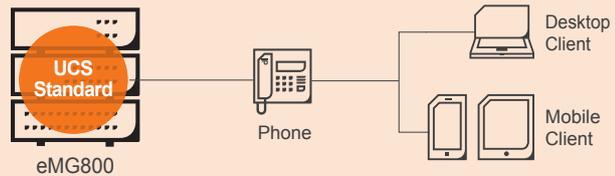
※ iPECS UCS features are dependent upon server types (Standard/Premium) and user base license (Basic/Advanced/Power). For more details, refer to below table.

iPECS UCS server types

▶ Type 1

UCS Standard (Built-in)

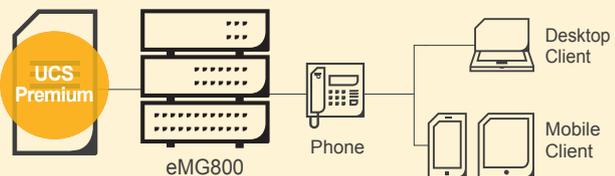
- Built-in UCS Server in eMG800
- Cost saving for H/W server & OS



▶ Type 2

UCS Premium (External)

- External UCS server
- Advanced features and collaboration tools



iPECS UCS Feature Set by Server Type and User License

Server Type	Features	Basic User License	Advanced User License	Power User License
UCS Standard	Usable UCS client	Desktop (Call Control only)	Desktop/Mobile/Tablet	Desktop/Mobile/Tablet
	Log-in management	Single	Single	Multi
	One UCS account	O	O	O
	Desktop Call Control mode	O (Desktop only)	O (Desktop only)	O (Desktop only)
	Mobile MEX mode	-	O (Mobile / Tablet)	O (Mobile / Tablet)
	Call log / Call log sync	O / O (Desk phone & UCS Call Control)	O / O	O / O
	IM (1:1)	O	O	O
	Click to call	O (Windows only)	O (Windows only)	O (Windows only)
	Voice call	-	O	O
	iOS callkit (iOS only)	-	O (Mobile iOS)	O (Mobile iOS)
	Video call (1:1)	-	O (Windows only)	O (Windows only)
	On-demand recording (Desktop / Mobile)	O / O	O / O	O / O
	Flexible button (Desktop)	O (Windows only)	O (Windows only)	O (Windows only)
	Visual Voice Mail	O	O	O
	Audio conference manager	O (Windows only)	O (Windows only)	O (Windows only)
CRM integration	O (Windows only)	O (Windows only)	O (Windows only)	
MS Outlook sync (Contact)	O (Windows only)	O (Windows only)	O (Windows only)	
UCS Premium <small>* Feature enhancement incl. all Standard features</small>	IM (1:N)	O	O	O
	IM Continuity b/w clients (1:1 & 1:N)	O	O	O
	MS Outlook sync (Schedule)	O (Windows only)	O (Windows only)	O (Windows only)
	Video conference (9 party)	-	O (Windows only)	O (Windows only)
	Collaboration	-	O (Windows only)	O (Windows only)
	MS Exchange (Schedule)	O (Windows only)	O (Windows only)	O (Windows only)
	AD sync	O (Desktop only)	O (Desktop only)	O (Desktop only)
	SSO	O (Windows only)	O (Windows only)	O (Windows only)
	Organization chart	O	O	O

iPECS UCS Main Features

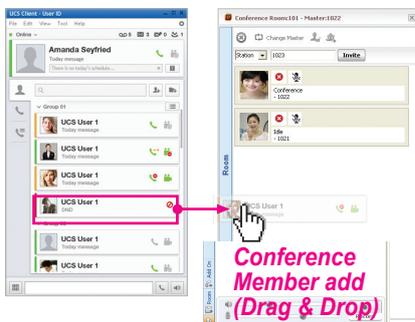
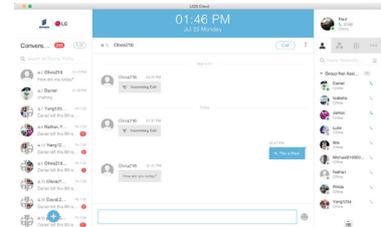
iPECS UCS provides UCS standard for SME and UCS premium for enterprise businesses. As all features are designed for a business size, customers can experience an efficient investment as their business grows.



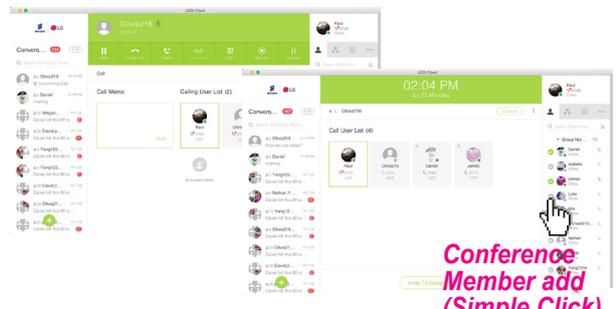
Integrated Presence



Instant Message (Win/Mac)



Audio Call & Conference (Win/Mac)



Integrated Presence

- Instant decision on reachability by status color
- Save time and cost through real-time communications with people who are available for collaborations
- Integrated DND setting is available for both iPECS UCS client and desk phone at the same time

Single & Multi Log-in by user license

- Single log-in : Support log-in on to one client at a time (Basic/Advanced user license)
- Multi log-in : Support log-in on to multiple devices at the same time with single ID/PW (Power user license)

Audio Call & Conference

<Audio Call>

- Call popup : Display caller's information based on CID
- MS Outlook popup : Display caller's contact information in MS Outlook based on CID
- Call memo : Noting important information during a call
- Call recording : Easy on-demand call recording in local storage

<Audio conference>

- Easy conference building by graphical user interface and drag and drop
- Conference control features : Invite, Remove, Mute, Changing Master, Record

Video Call & Conference

- Build face to face conference at anytime, anywhere
- Maximum 9 party, 8 group video conference
- Video resolution : QCIF, CIF, VGA, 4CIF (704 x 480/576)
- Ad-hoc/Meet-me conference and e-mail notification
- Application sharing during conference /Remote monitoring, still shot

Supporting iOS CallKit – Mobile iOS Client

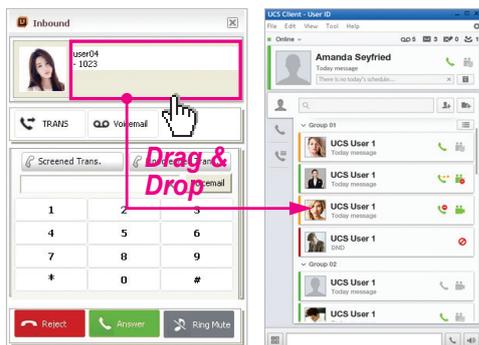
- Tight integration with the iOS UI using iOS CallKit
- Answering incoming UCS call on the lock screen
- Receiving mobile call during UCS call / Receiving UCS call during mobile call
- Making UCS call from the native phone app's contacts, favorites and recent

Call Control

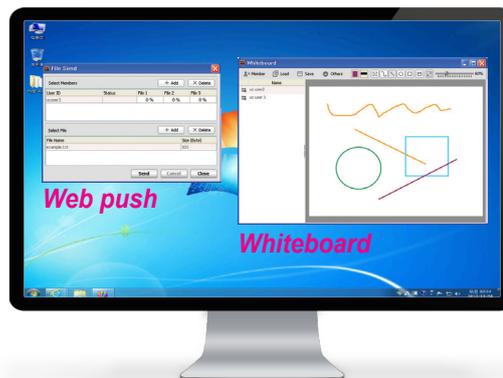
- Call control on iPECS UCS desktop client for the desk phone calls
 - Most call control function can be executed by one click or drag and drop (Answer/Drop/Deny/Transfer/Hold/Park)
 - Flexible button sync between desk phone and UCS desktop client*
- * Support only in UCS desktop client

Instant Messaging, SMS and Note

- Easy user interface of IM; Inviting others simply by drag and drop
- IM continuity among clients
- Send and receive text messages to other internal iPECS system or external SMS users
- Leave a note for offline iPECS UCS user



Call Transfer



Collaboration

Visual Voice Mail

- Automatic synchronization with system voice mail board
- Non serial access to a message
- Supporting in desktop client and mobile client

MS Outlook Synchronization

- Synchronization with MS Outlook contact and schedule
- Contacts registered to MS Outlook are synchronized to iPECS UCS users' private directory
- If private option is activated, the schedule is not opened to the shared users from the iPECS UCS
- Easy dialing phone number on MS Outlook contact

MS Exchange Server Integration

- MS Outlook schedule synchronization with or without iPECS UCS login
- Option 1 : Integration with local MS Outlook client
- Option 2 : Synchronization between MS Exchange server and iPECS UCS server

Organization chart

- Hierarchy tree view in organization table
- Member's presence status
- Diverse view modes of organization chart
- Member view table customization
- Member sort by IM, phone status and so on
- Immediate organization refresh manually
- Periodic organization update by time setting
- Automatic update of Non UCS users' phone numbers (Extensions)
- Searching user by text

Collaboration

- More effective and productive work with others
- File sharing
- Program sharing
 - Application : Sharing documents, spreadsheets, presentations and drawing in real time
 - Desktop : Sharing desktop screen
- Web push : Sharing web page address
- Whiteboard : Sharing drawings and free-form text

Supporting Multiple Call Server

- Integrated UC management for multiple call servers
- Register more than 2 call servers to one iPECS UCS server
- Share user's presence registered at different call server

Client Virtualization

- iPECS UCS Server : Runs on VMWare, Citrix and MS Hyper-V
- iPECS UCS Windows Client : Runs on VMWare, Citrix and MS Remote Desktop Service

Active Directory based Single Sign On

- Login to iPECS UCS without inputting ID and Password
- Improves customer satisfaction by quick and simple login process
- Use the same as the account of Active Directory

CRM Integration

- Support integration with wide range of CRMs (MS Dynamics CRM, Salesforce.com, LDAP, etc.)
- Dialing (Click call) straight from your CRM, accounts package, website or any desktop application
- Show name of caller in preview window and CRM screen pop-up
- Simultaneous search of multiple address books
- Support URL based CRM

Applications for Business Performance

Every business has different communications needs and meeting these needs is critical for designing business communications solution. iPECS eMG800 offers wide range of business applications for you to fulfill all the needs regardless your business size or industry.



iPECS Attendant Office



iPECS Attendant Hotel



iPECS IPCR



iPECS ClickCall

iPECS Attendant Office

IP based Attendant application for quick and easy call handling

- Easier management of call handling : Quick and easy call handling with simple clicking or drag and drop for an attendant
- Wait time and priority based call handling with caller information
- Phone and status presence based call routing
- Embedded IP softphone : Various call features of iPECS platform
- Desktop call control mode supported
- Directory service/phonebook management

iPECS Attendant Hotel

Hotel solution optimized for small to medium sized hotels

- Effective front desk and staff work
- Maximize guest service
- Effective Call Management
- Productivity features :
 - Various Hotel features
 - Various and quick alternative contacts
 - Flexible and configurable layout and user interface
 - Statistic report and Snapshot of group monitoring
 - Local language support

iPECS IPCR

Optimized and integrated IP Call Recording solution

- Simple and cost effective solution designed by a single vendor
 - Single IP connection for all call and all terminal recording
 - Cost effective single server call recording
- Powerful value added features
 - Voice packet encryption and call recording at the same time
 - Flexible deployment without limiting functionality
 - Agent monitoring
 - Remote maintenance and automatic alarming
- Intuitive user interface
 - Users can easily access the recording files over web browser
 - Intuitive graphical display
 - Powerful statistics features with real time graphic view and search options
 - User base access level management

iPECS ClickCall

Standard windows application for easy dialing

- Click to call from any selectable number in Windows application
 - Easy dialing of selectable number from Windows applications
 - Show dialed call log up to 10
 - Exit/Setup only through the icon in Windows tray
 - Setup dialing information
 - Multi language support
- Call control client without voice module
- Easy installation : Simple call client without dedicated server



iPECS CCS



iPECS Report Plus



iPECS RCCV - MS Lync/SfB Integration



iPECS NMS

iPECS CCS

Multi-channel IP Contact Center solution

- Contact Center solution integrated with iPECS platforms
 - Seamless and tighter integration with iPECS eMG800
 - Constant development path for iPECS CCS
 - Valuable packaging with other applications
 - iPECS IPCR is provided for a call recording
- Best suite for small and medium sized Contact Center
 - Cost effective bundles for basic contact center with iPECS Platforms
 - Easy installation and operation with intuitive and simple functions
- Benefits of all software solution
 - Software based media processing through SIP
 - No PSTN media interface card
- Next generation single multimedia solution
 - Email, Voice Mail, Fax, Web chat
 - Social interface (Twitter, Facebook)
 - Multimedia outbound Tele-Marketing

iPECS Report Plus

Real-time monitoring and reporting for small sized Contact Centers

- Call distribution based on built-in ACD functionalities of call server
- Saving and displaying call accounting and ACD data generated from call server
- Real-time information display for supervisor and management
- Personal statistics for agent reporting and performance review
- Agent Control by supervisor in Agent Web Client
- iPECS IPCR is provided for a call recording

iPECS RCCV – MS Lync/SfB Integration

Cost effective solution to use iPECS voice in MS Lync/SfB

- 2 types of iPECS RCCV client
 - RCCV-RCC (Remote Call Control), RCCV-VC (SIP Voice Client)
- RCC Mode for desk phone call control solution : MS Lync/SfB with iPECS RCCV Client and desk phone
 - Remote call control for iPECS desk phones in iPECS RCCV Client
 - Desk phone status updated to MS Lync/SfB presence
- VC Mode for SIP voice communication solution : MS Lync/SfB with iPECS RCCV Client
 - iPECS RCCV Client as a SIP extension
 - No iPECS RCC Gateway needed
 - MS Lync/SfB calls for MS Lync/SfB clients
 - iPECS RCCV Client soft phone status updated to MS Lync/SfB presence

iPECS NMS

A powerful web based Network Management tool designed to improve operation efficiency, permit rapid response to system alarms, and access remote, use statistics and alarm notification

- Fault management and real time system monitoring
- Web based client access
- Traffic statistics

Terminals

iPECS eMG800 supports an extensive range of terminals from IP/Digital to DECT/Wi-Fi. These are designed for business users who require a wide range of feature-rich telephony devices to match your constantly changing business needs. iPECS eMG800 will give you access to a large portfolio of terminals to optimize your unique business telephony needs.

IP Phones



LIP-9071

- 7 inch LCD with touch screen
- HD video call
- Gigabit support
- Built-in Camera
- Bluetooth/Wi-Fi dongle support
- Built-in HDMI interface
- NFC Tagging support
- Android OS



LIP-9040G

- 4.3 inch graphic color LCD with backlit
- 36 Programmable feature key with 3 color LED
- PoE(802.3af) Support
- Open VPN
- LLDP-MED/802.1x Security
- 10/100/1000 BASE-T 2 ports



LIP-9040

- 8 Line Gray graphic LCD with White backlit
- 36 Programmable feature key with 3 color LED
- PoE(802.3af) Support
- Open VPN
- LLDP-MED/802.1x Security
- 10/100/1000 BASE-T 2 ports



LIP-9030

- 6 Line Gray graphic LCD with White backlit
- 24 Programmable feature key with 3 color LED
- PoE(802.3af) Support
- Open VPN
- LLDP-MED/802.1x Security
- 10/100/1000 BASE-T 2 ports



LIP-9020

- 4 Line Gray graphic LCD with White backlit
- 10 Programmable feature key with 3 color LED
- PoE(802.3af) Support
- Open VPN
- LLDP-MED/802.1x Security
- 10/100/1000 BASE-T 2 ports



LIP-9010

- 3 Line Gray graphic LCD with White backlit
- 5 Programmable feature key with 3 color LED
- PoE(802.3af) Support
- Open VPN
- LLDP-MED/802.1x Security
- 10/100BASE-T 2 ports



LIP-9008G

- 4 Line Gray graphic
- 8 Programmable feature key with LED
- PoE(802.3af) Support
- Open VPN
- LLDP-MED/802.1x Security
- 10/100/1000 BASE-T 2 ports



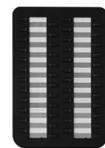
LIP-9008

- 4 Line Gray graphic
- 8 Programmable feature key with LED
- PoE(802.3af) Support
- Open VPN
- LLDP-MED/802.1x Security
- 10/100 BASE-T 2 ports



LIP-9002

- 2 Line Gray graphic
- 4 Programmable feature key with LED
- PoE(802.3af) Support
- Open VPN
- LLDP-MED/802.1x Security
- 10/100 BASE-T 2 ports



LIP-9048DSS

- Support : LIP-9020/30/40/40C/71
- Flexible button : 48 with 3 color LED
- Underlay type : Paper
- DSS connection* : Up to 2

* IPKTS : Up to 4 connection is supported



LIP-9024LSS

- Support : LIP-9020/30/40/40C/71
- Flexible button : 12 with 3 color LED (24 total : 12 x 2 pages)
- Underlay type : LCD
- LSS connection : 1



LIP-9024DSS

- Support : LIP-9020/30/40/40C/71
- Flexible button : 24 with 3 color LED
- Underlay type : Paper
- DSS connection : 1



LIP-9012DSS

- Support : LIP-9020/30/40/40C/71
- Flexible button : 12 with 3 color LED
- Underlay type : Paper
- DSS connection : 1



EHSA (Electronic Hook Switch Adaptor)

- Support : LIP-9008/08G/20/30/40/40C/71
- Compatible with Plantronics, Sennheiser and Jabra
- Package of EHSA&Foot stand

Digital Phones



LDP-9240D

- 320 X 144 graphic LCD with backlit
- 12 Flexible buttons (Dual LED, 12 X 2)
- Full duplex speaker phone
- Support DSS button kit
- Support EHSA



LDP-9224DF

- 192 X 36 graphic LCD with backlit
- 24 Flexible buttons(Dual LED)
- Full duplex speaker phone
- Support DSS button kit
- Support EHSA



LDP-9224D

- 3 X 24 character LCD without backlit
- 24 Flexible buttons(Dual LED)
- Half duplex speaker phone
- Support DSS button kit
- Support EHSA



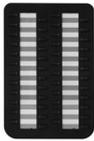
LDP-9208D

- 2 X 24 character LCD without backlit
- 8 Flexible buttons(Dual LED)
- Half duplex speaker phone
- No Support DSS Button Kit



WIT-400HE

- 2 line, 2" color LCD (176 X 220)
- 802.11 b/g, v802.11e for WLAN QoS
- Supporting iPECS system call features
- G.722 wideband codec support
- PTT for group announcing, SMS
- Seamless handover between cells during talk



LDP-9248DSS

- Support : LDP-9240D/24DF/24D
- Flexible button : 48 with 3 color LED
- Underlay type : Paper
- DSS connection : Up to 2



LIP-9024DSS

- Support : LDP-9240D/24DF
- Flexible button : 24 with 3 color LED
- Underlay type : Paper
- DSS connection : 1



LIP-9012DSS

- Support : LDP-9240D/24DF
- Flexible button : 12 with 3 color LED
- Underlay type : Paper
- DSS connection : 1



EHSA (Electronic Hook Switch Adaptor)

- Support : LDP-9240D/24DF/24D
- Compatible with Plantronics, Sennheiser and Jabra
- Package of EHSA&Foot stand

IP DECT Phones



150dh/GDC-800H/110dh

- 150dh (Handset)
- 2 inch TFT Color LCD
 - 200/17 hrs standby/talk time
 - 250 local phonebook
 - Emergency button
 - IP65 compliant
 - Pull cord support
 - Man-down support
 - bluetooth for headset
 - 16 languages
 - 3.5mm headset jack

- GDC-800H (Handset)
- 2 inch TFT Color LCD
 - 200/18 hrs standby/talk time
 - 100 local phonebook
 - 16 languages
 - Emergency button (ok button)
 - 3.5mm headset jack

- 110dh (Handset)
- 1.44 inch TFT Color LCD
 - 75/8 hrs standby/talk time
 - 50 local phonebook
 - 16 languages
 - 3.5mm headset jack



130db/110db/GDC-800Bi

- 130db (Base)
- Max 254 base station in a zone
 - Up to 1,000 handsets registerable
 - 8/9 simultaneous calls (Mult-cell case/ Single cell case)
 - Narrow or Wide Band audio
 - Mutual Authentication
 - Software Upgrade Over The Air
 - Air sync and LAN sync
 - Central Directory

- 110db (Base)
- Single base
 - 1 repeater for coverage expansion
 - Up to 20 users can be registered
 - 5 simultaneous calls
 - Narrow or Wide Band audio
 - Central Directory

- GDC-800Bi (Base)
- Max 127 base station in a zone
 - Up to 1,000 handsets registerable
 - 8 simultaneous calls
 - Multi-cell base station up to 127 bases
 - Software Upgrade Over The Air
 - Air sync



GDC-800R

- GDC-800R (Repeater)
- Up to 6 repeaters per 130db/GDC-800Bi
 - 1 repeater per 110db

DECT Phones

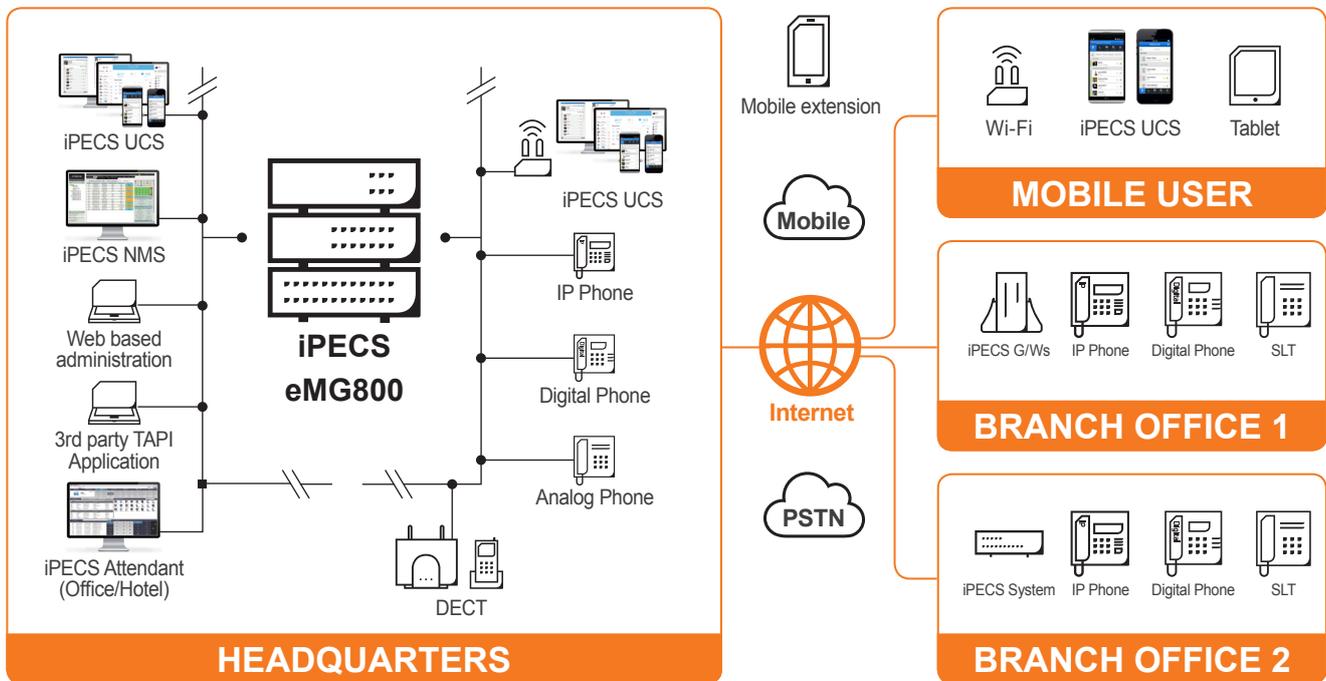


GDC-500H/GDC-480H /GDC-600BE

- GDC-500H (Handset)
- GDC-480H (Handset)
- 2 inch TFT color LCD
 - 100/10 hrs stand by/talk time
 - Emergency button
 - 8 languages

- GDC-600BE (Base)
- 6 simultaneous calls
 - Max 72 bases , 6 Calls/Cell

iPECS eMG800 Network



iPECS eMG800 Components

Category	Component	Description
Cabinet	eMG800-KSU	Basic KSU
	eMG800-EKSU	Expansion KSU
Power Supply	MG-PSU	Power Supply Unit
Call Server	eMG800-MPB	Main Processor Board with embedded DSU, VoIP/VM : Default 4 ch/4 ch, Max 4 ch/8 ch or 8 ch/4 ch with license
Function Board	MG-DTIB12/MG-DTIB24	12/24 Digital Phone Interface Board
	MG-SLIB12/MG-SLIB24	12/24 SLT Interface Board
	MG-LCOB4/MG-LCOB8/MG-LCOB12	4/8/12 LCO Interface Board
	MG-PRIB	Digital Trunk Interface Board (1PRI or 1E1/R2)
	MG-BRIB2/MG-BRIB4	2/4 BRI Interface Board (S0&T0 selectable, 4 ch/8 ch)
	MG-VMIB	Voice Mail Interface Board (8 ch, 100 hrs)
	MG-AAIB	Auto Attendant Interface Board (8 ch)
	MG-VOIB8/MG-VOIB24	8/24 Channel VoIP Interface Board
Others	eMG800-VOIB128	128 Channel VoIP Interface Board (Default 32 ch)
	MG-WTIB4/MG-WTIB8	4/8 Base Wireless Terminal Interface Board
	GDC-600BE	6 Channel DECT Base Station
	MG-MODU	Modem Unit (33 Kbps)
	MG-CMU4	4 Call Metering Unit (50Hz/12KHz/16KHz)
	MG-WMK	Wall Mount Bracket

* For more information and other components, refer to an order information or others.

iPECS eMG800 System Capacity

Category		iPECS eMG800	iPECS eMG800 with Expansion System	Remarks
System ports (Default)		600 (200)	1,200 (200)	
Trunk	Max	536	600	
	Analog	204	408	
	PRI	360	600	
	SIP	408	600	
Extensions	Max	600	1,200	
	TDM Extension	420	840	
	Digital	414	828	
	Analog	414	828	
	DECT		192	
IP Extension (Default)		600 (30)		
UCS Standard clients	Default Option 1 (Desktop/Mobile)		5/5	Only one default option can be used
	Default Option 2 (Advanced User)		5	
	Max		200	
UCS Premium clients			600	
Clickcall (Default)		600 (5)	1,200 (5)	
Integrated Telephony Port		6D + 6S	12D + 12S	
VoIP Channel	Built-in Basic	4 ch	8 ch	
	Built-in Max*	8 ch	16 ch	w/ License
	System Max		600	w/ VOIB 8/24/128
VM Channel	Built-in Basic	4 ch / 1 hr	8 ch / 2 hrs	
	Built-in Max*	8 ch / 1 hr	16 ch / 2 hrs	w/ License
	External Max (VMIB)		8 ch / 100 hrs	w/ VMIB
Attendant			5	
Serial Port(RS-232C)			1	
USB(3.0) Host Port			1	

* Built in VoIP/VM is expandable as 4 ch/8 ch or 8 ch/4 ch.

iPECS eMG800 Specifications

Item	Description	Specification
PSU	AC Voltage Input	100 ~ 240 +/- 10% Volt AC @ 47~63Hz
	AC Power Consumption	350 W
	AC Input Fuse	6.3A @ 250 Volt AC
	DC Output Voltage	+ 5, + 30 Volt DC
External Backup Battery	Input Voltage	24 Volt DC
	Battery Fuse	15.0A @ 250Volt AC
	Charging Current	Max 1A
	Battery Load Current	Max 12A
Operating Environment	Temperature	0(°C) - 40(°C)/32(°F) - 104(°F)
	Humidity	0 - 80%(Non-condensing)
Dimension	KSU	170.2 mm(W) x 440 mm(H) x 325.4 mm(D)
Weight	Basic KSU	6.2 Kg(without PSU)
	Expansion KSU	6.25 Kg(without PSU)