Transform Your
Business Communications
iPECS eMG800

iPECS
Your Communications Solution

iPECS is an Ericsson-LG Brand

ERICSSON | LG

iPECS
Your Communications Solution

EASY AND COST EFFECTIVE MIGRATION SUPPORT, TDM TO IP NETWORK

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 construct simultaneously 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 UC solutions based on business network environments.

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 for your needs. And if you are already using an iPECS platform, you can protect your current equipment investment when migrating to iPECS eMG800.

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

PRODUCTIVITY ENHANCEMENT OF YOUR BUSINESS WITH UNIFIED COMMUNICATIONS

In business, there is a need to constantly improve productivity. iPECS eMG800 is the core platform and iPECS UCS is the application that provides Unified Communications solution through a linkage with the iPECS eMG800. iPECS UCS gives benefits to the SME customer as a built-in simple UC. For the enterprise customers, iPECS UCS can be seamlessly expanded to a rich full-featured UC. In addition, iPECS eMG800 provides various applications and communication tools, so users can easily work and communicate with their customers effectively.

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, share applications and files features are provided to review the latest information such as sales records. iPECS UCS simplifies your business communications and improves 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.

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.

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, Unified Communications services 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 without the need of an external server. Also, it is seamlessly expandable to provide advanced collaboration services (File sending, application sharing and multi-party video conference etc.) by simply adding an external server.

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.

Wide Range of Mobility

iPECS eMG800 provides multiple mobility solutions for internal and external mobile workers. Through a wide range of mobility solutions, users can improve productivity and decrease communication expense. iPECS DECT and Wi-Fi phones provide feature rich and reliable communications for internal mobile workers. For external mobile workers, iPECS UCS mobile client delivers the power of a desktop phone to smartphones or tablet PCs. Also, Mobile Extension lets users place and receive business calls from their smart phone.

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.

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.

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.

1,200 Port
By System expansion & Port License

600 Port
By Port License

200 Port By Default

Capacity >

1,200 port
600 port
200 port

Master System   Slave System

IP

Expansion via IP

" Seamless expandability by license "

Empowered 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 seamlessly expandable as required. Embedded voice mail channels are provided for great cost advantages. (Max 8 channel by license) Also, many valuable voice mail features to enhance customer interactions are provided. (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 user's usability and productivity.

Simplified Multiple Calls Handling

iPECS eMG800 provides multiple call handling for user's seamless communications. A desktop phone's DSS buttons can be assigned as a multiple calls handling button. (Max 48 buttons) With an pre-assigned button, 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 as pop up CID information through the pre-assigned button. When a user decides to answer, the first call is placed on hold automatically. This feature realize enhancement of user's communication route, and users can experience simple and easy seamless communication.

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.

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.

Emergency Call Service

iPECS eMG800 provides various emergency call services (Emergency call, Emergency call recording, Emergency call monitor and Emergency/SOS paging etc.) by the system itself. With embedded emergency call service, users can take actions rapidly for various emergency situations. For effective management, all emergency calls are monitored and recorded in the emergency mailbox.

Multi-Tier Mobility and Mobile Extension

iPECS eMG800 is maximized for mobility solutions. Users can construct multiple mobility solutions for both in and out of the office considering the office environment. In the office, IP DECT, DECT and Wi-Fi phones are available. And out of the office, iPECS UCS mobile client covers rich communications features for mobile workers. In addition, 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.
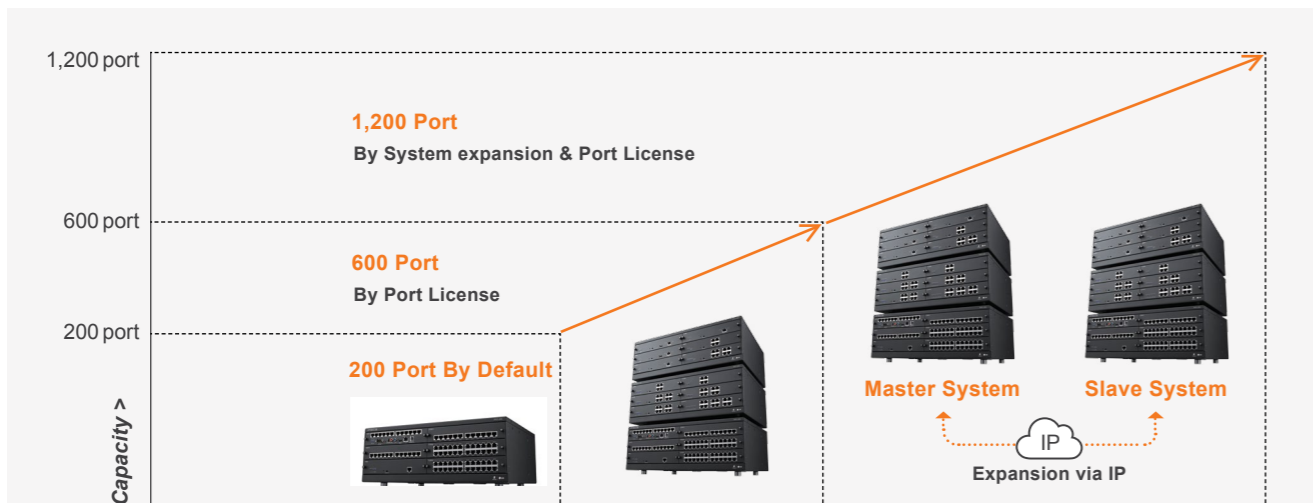
Easy Audio Conference

iPECS eMG800 provides built-in audio conference bridge for cost-effective collaboration and it can be seamlessly expandable 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 for hospitality and healthcare industries. iPECS eMG800 provides a cost-effective way to use the existing solution with high compatibility. 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 UCS Server and Client.

iPECS UCS Highlight

UCS Standard (Built-in)
No additional H/W server and installation

Rich Presence & IM
Mobile presence and personal status

High quality Video Conferencing
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
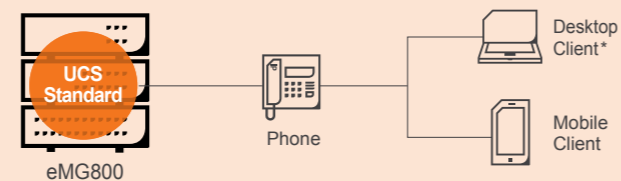
Multi Device Connection
Desktop : Win/Mac
Mobile : And/iOS

※ iPECS UCS features are dependent upon Standard or Premium version.
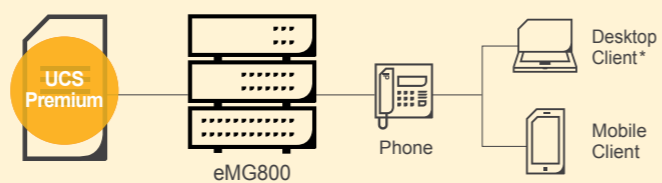For more details, refer to below table.

iPECS UCS server types

▶ **Type 1**
UCS Standard (Built-in)
◦ Built-in UCS Server in eMG800
◦ Cost saving for H/W server & OS

UCS Standard — eMG800 — Phone — Desktop Client* / Mobile Client

▶ **Type 2**
UCS Premium (External)
◦ External UCS server
◦ Advanced features and collaboration tools

UCS Premium — eMG800 — Phone — Desktop Client* / Mobile Client

* Desktop Client : There are two types of client according to provide call feature or not.

UCS Standard vs UCS Premium

| Features		Standard Call Control		Standard		Premium Call Control		Premium	
		Windows	Mac	Windows	Mac	Windows	Mac	Windows	Mac
Max Registration& Concurrent Login	eMG800	200				600			
	eMG800 with Expansion								
Presence		O	O	O	O	O	O	O	O
Presence Registration		50	50	50	50	200	200	200	200
IM		1:1	1:1	1:1	1:1	1:N	1:N	1:N	1:N
Audio Call		-	-	O	O	-	-	O	O
Video Call		-	-	O	-	-	-	O	-
Click to Call		O	-	O	-	O	-	O	-
Call Control		O	O	O	O	O	O	O	O
Visual Voice Mail		O	O	O	O	O	O	O	O
Audio Conference Manager		O	O	O	O	O	O	O	O
Active Directory Synchronization		-	-	-	-	O	O	O	O
Single Sign On		-	-	-	-	O	-	O	-
CRM Integration		O	-	O	-	O	-	O	-
MS Outlook Synchronization		Contact	-	Contact	-	Contact /Schedule	-	Contact /Schedule	-
MS Exchange Integration		-	-	-	-	O	-	O	-
Organization Chart		-	-	-	-	O	O	O	O
9 Party Video Conference		-	-	-	-	-	-	O	-
Collaboration		-	-	-	-	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.
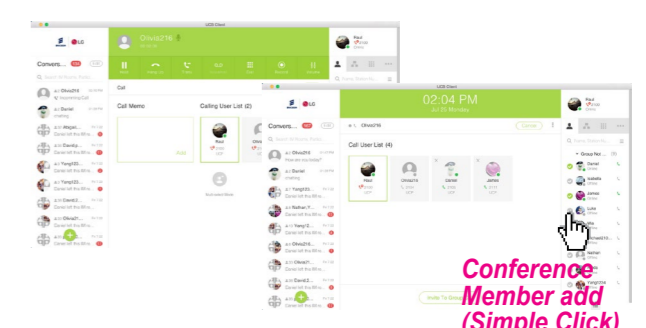

Integrated Presence
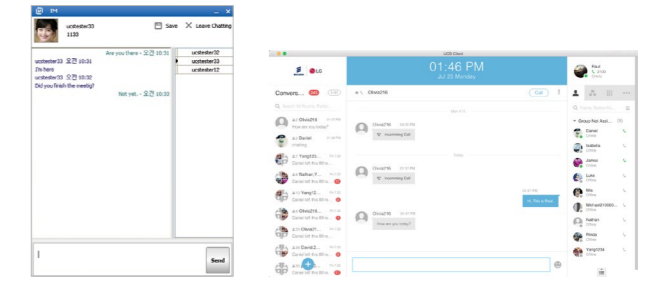
Instant Message (Win/Mac)

Conference Member add (Drag & Drop)

Conference Member add (Simple Click)
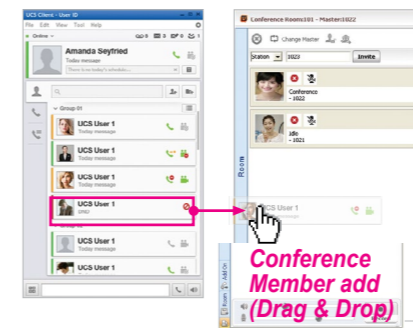
Audio Call & Conference (Win/Mac)

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

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

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

<Audio conference>
• Based on built-in audio conference system
• 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 conference
• Meet-me conference and e-mail notification
• Application sharing during conference
• Remote monitoring, still shot
• Presentation mode (1:32)

Click to Call
• Easy dialing in web and windows application
① Capturing numbers by mouse dragging
② Call in the Quick Call Control Bar or the Call Assistance

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

Visual Voice Mail
• Automatic synchronization with system voice mail board
• Non serial access to a message
• Supporting in desktop client and mobile client
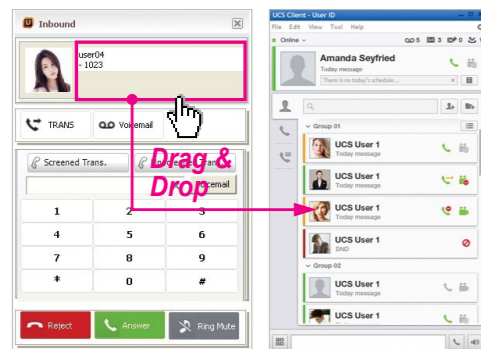
Call Transfer
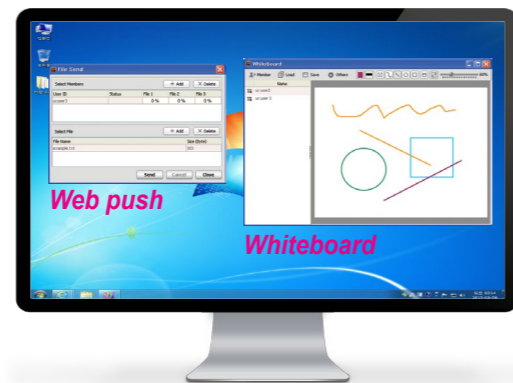
Collaboration

Account Creation and Maintenance
• User creation only one time in PBX
• Automatic user synchronization with Active Directory
• Maintain the information consistency with Active Directory

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 outhers
• File Send
• 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
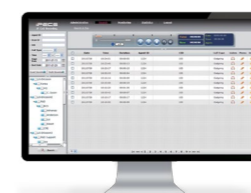
Applications for Business Performance

Every business has different communications needs and meeting these needs is critical for your business communications solution. iPECS eMG800 offers various applications and mobile clients for you to fulfill the different needs and requirements of your business

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 : Ease of use for an attendant, Quick and easy call handling with simple clicking or drag and drop
• 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
• Directory service/phonebook management
• Productivity enhancement features :
  Video call, Conferencing, Call recording, Text messaging, E-mail notice, Emergency call monitoring, etc.

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
  - Local language support
  - Flexible and configurable layout and user interface
  - Statistic report and Snapshot of group monitoring

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
  - Support server redundancy
• 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
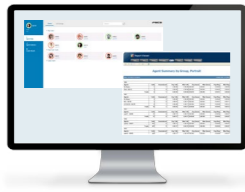• Easy installation : Simple call client without dedicated server

iPECS CCS

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 CCS

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 Report Plus

iPECS RCC Gateway – 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 desktop phone call control solution : MS Lync/SfB with iPECS
  RCCV Client and desktop phone
  - Remote call control for iPECS desktop phones in iPECS RCCV Client
  - Desktop 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 RCC Gateway - MS Lync/SfB Integration

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

iPECS NMS

Terminals

iPECS eMG800 supports an extensive range of terminals such as Digital and IP phones, SIP phones, DECT, and Mobile Client. These terminals are designed for business users who require a range of feature-rich telephony devices to match your constantly changing business needs. iPECS eMG800 gives you access to a large portfolio of terminals and clients to suit 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-9070
• 7 inch TFT color touch LCD
• WVGA resolution
• Soft flexible buttons : 30
• Gigabit support
• 1.3M pixel CMOS camera
• Video calls with iPECS video clients
• Android OS

LIP-9040
• 8 Line Gray graphic LCD with White backlit
• 36 Programmable feature key with LCD underlay and 3 color LED
• PoE(802.3af) Support
• Open VPN
• LLDP-MED/802.1x Security
• 10/100/1000BASE-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
• 10/100/1000BASE-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
• 10/100/1000BASE-T 2 ports

LIP-9010
• 3 Line Gray graphic LCD 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-9008/8G
• 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 10/100/1000* BASE-T 2 ports
* Support only LIP- 9008G

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-8050E
• 4.3" Wide Color Graphic screen
• 5 Programmable feature keys
• USB interface
• LLDP-MED/802.1x/EAP-MD5
• VLAN, Open VPN support
• Gigabit support

LIP-8040E
• Informative 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
• Open VPN support
• Gigabit support

LIP-8024E
• 4 Line backlit LCD
• User programmable 24 feature keys
• BLF information with triple color LED
• LLDP-MED/802.1x
• Open VPN support
• Gigabit support

LIP-8012E
• 3 Line backlit LCD
• User programmable 12 feature keys
• BLF information with triple color LED
• Gigabit support
• High quality voice codecs
• Enhanced quality conference call
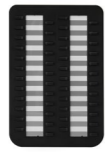• LLDP-MED/802.1x
• Open VPN support

LIP-8008E
• 4 Line LCD
• User programmable 8 feature keys
• BLF information with triple color LED
• Enhanced quality conference call
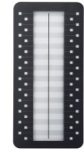• High quality voice codecs
• LLDP-MED/802.1x

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

LIP-9048DSS
- Support : LIP-9020/30/40/71
- Flexible button : 48 with 3 color LED
- Underlay type : Paper
- DSS connection : Up to 2

9070 DSS48
- Support : LIP-9070
- Flexible button : 48
- Underlay type : Paper
- DSS connection : Up to 2

LIP-9024LSS
- Support : LIP-9020/30/40/71
- Flexible button : 12 with 3 color LED and 2 page button
- Underlay type : LCD
- LSS connection : 1

LIP-9024DSS
- Support : LIP-9020/30/40/71
- Flexible button : 24 with 3 color LED
- Underlay type : Paper
- DSS connection : 1

LIP-9012DSS
- Support : LIP-9020/30/40/71
- Flexible button : 12 with 3 color LED
- Underlay type : Paper
- DSS connection : 1

LIP-8048DSS
- Support : LIP-8012E/24E/40E/50E
- Flexible button : 48
- Underlay type : Paper
- DSS connection : Up to 4

LIP-8040LSS
- Support : LIP-8012E/24E/40E/50E
- Flexible button : 40
- Underlay type : LCD
- LSS connection : Up to 4

LIP-8012LSS
- Support : LIP-8012E/24E/40E/50E
- Flexible button : 12
- Underlay type : LCD
- LSS connection : Up to 2

LIP-8012DSS
- Support : LIP-8012E/24E/40E/50E
- Flexible button : 12
- Underlay type : Paper
- DSS connection : Up to 2

LIP-9000BTMU
- Support : LIP-9010/20/30/40
- Optional module
- Bluetooth V2.1+EDR
- Support smart phone and headset

E-BTMU (Bluetooth Dongle)
- Support : LIP-8000E Series
- Optional module
- Bluetooth v2.1 + EDR
- Support smart phone and headset

EHSA (Electronic Hook Switch Adaptor)
- Support : LIP-9040/30/20/10
- Compatible with Plantronics and Jabra
- Package of EHSA&Foot stand

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 EHS

LDP-9224DF
- 192 X 36 graphic LCD with backlit
- 24 Flexible buttons(Dual LED)
- Full duplex speaker phone
- Support DSS button kit
- Support EHS

LDP-9224D
- 3 X 24 character LCD without backlit
- 24 Flexible buttons(Dual LED)
- Half duplex speaker phone
- Support DSS button kit
- Support EHS

LDP-9208D
- 2 X 24 character LCD without backlit
- 8 Flexible buttons(Dual LED)
- Half duplex speaker phone
- Support DSS button kit
- Support EHS

LDP-9030D
- 3 Line LCD with high visibility backlighting
- 7 Flexible buttons
- 30 Programmable buttons
- 3 soft keys
- Wall mountable
- More extension handling with optional DSS

LDP-9008D
- 2 Line LCD
- 7 Flexible buttons
- 8 Programmable buttons
- Wall mountable
- Enhanced high quality conference calling
- Flexible desktop configuration options via tilting handset

LDP-7024LD
- 9 Line LCD
- 24 Flexible buttons
- 7 Fixed buttons
- 3 Soft buttons
- Navigation button
- Additional device port for SLT/FAX
- Call recording
- Speaker phone
- Wall mountable
- Optional Bluetooth

LDP-7024D
- 3 Line LCD
- 24 Flexible buttons
- 7 Fixed buttons
- 3 Soft buttons
- Navigation button
- Additional device port for SLT/FAX
- Call recording
- Speaker phone
- Wall mountable
- Optional Bluetooth

LDP-7016D
- 3 Line LCD
- 16 Flexible buttons
- 7 Fixed buttons
- 3 Soft buttons
- Navigation button
- Additional device port for SLT/FAX
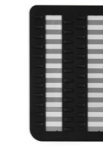- Speaker phone
- Wall mountable

LDP-7008D
- 2 Line LCD
- 8 Flexible buttons
- 5 Fixed buttons
- Speaker phone
- Headset Jack

LDP-7004D
- 1 Line LCD
- 2 Flexible buttons
- 5 Fixed buttons
- OHD(On-hook Dialing)
- Message waiting lamp

LDP-7004N
- 2 Flexible buttons
- 5 Fixed buttons
- OHD(On-hook Dialing)
- Message waiting lamp

LDP-9248DSS
- Support : LDP-9224DF/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

LDP-9048DSS
- Support : LDP-9030D
- Programmable button : 48
- Underlay type : Paper
- DSS connection : Up to 5

EHSA (Electronic Hook Switch Adaptor)
- Support : LDP-9240D/24DF/24D
- Compatible with Plantronics and Jabra
- Package of EHSA&Foot stand

GDC-800H (IP DECT)
- Product set : GDC-800H (Handset), GDC-800Bi(Base), and GDC-800R(Repeater)
- 2 inch color LCD with backlight
- Polyphonic ringtone
- 25 call list storage capacity
- 100/200 phonebook (Local /Central)
- Emergency key
- Duplex speaker phone
- Headset jack
- 16 languages

GDC-500H
- Product set : GDC-500H (Handset), GDC-600BE/B, GDC-400B(Base)
- 2 inch color LCD
- Max 24 Cells, 6 Calls/Cell (600BE)
- Scanning 5 base stations as candidates for handover
- Bluetooth support
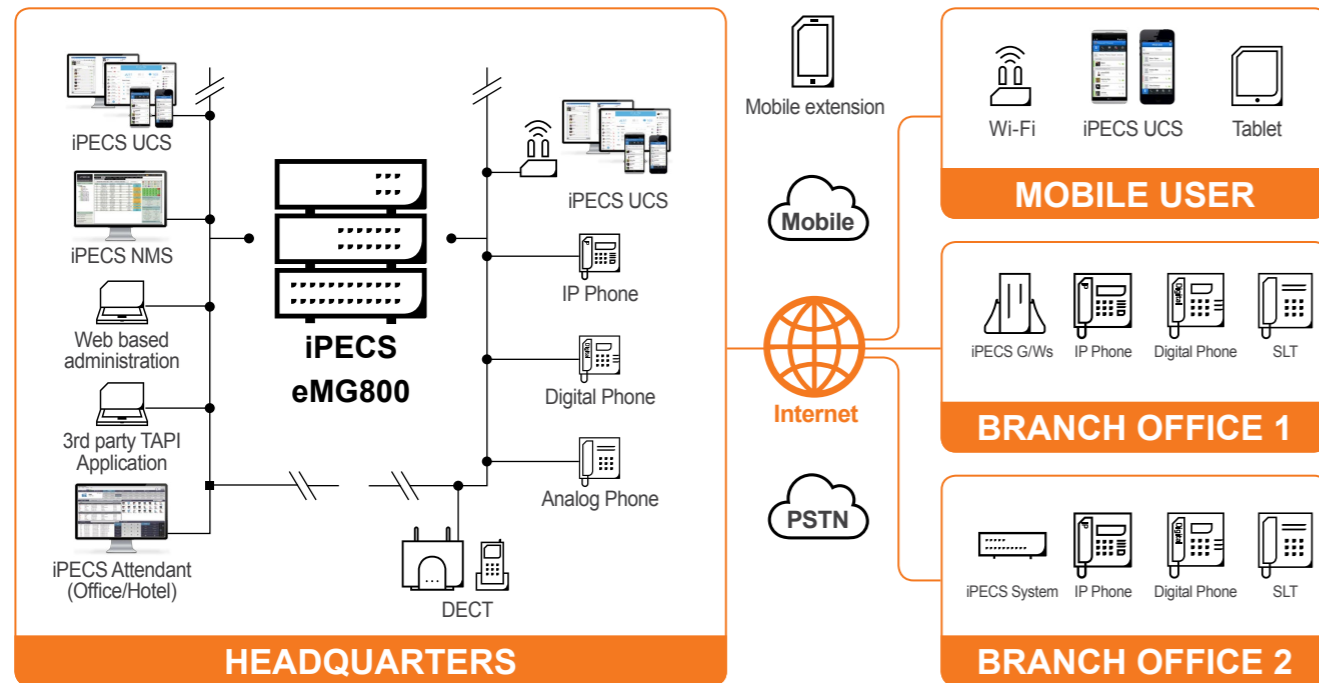- Emergency button
- 7 languages

GDC-480H
- Product set : GDC-480H (Handset), GDC-600BE/B, GDC-400B(Base)
- 2 inch color LCD
- Max 24 Cells, 6 Calls/Cell (600BE)
- Scanning 5 base stations as candidates for handover
- Emergency button
- 7 languages

WIT-400HE
- 2 line, 2" color LCD(176 X 220)
- 802.11 b/g, 802.11e for WLAN QoS
- Supporting iPECS system call features
- G.722 wideband codec support for better voice
- PTT for group announcing, SMS
- Seamless handover between cells during talk

iPECS eMG800 Network

HEADQUARTERS: iPECS UCS, iPECS NMS, Web based administration, 3rd party TAPI Application, iPECS Attendant (Office/Hotel), iPECS eMG800, iPECS UCS, IP Phone, Digital Phone, Analog Phone, DECT

Mobile extension, Mobile, Internet, PSTN

MOBILE USER: Wi-Fi, iPECS UCS, Tablet

BRANCH OFFICE 1: iPECS G/Ws, IP Phone, Digital Phone, SLT

BRANCH OFFICE 2: iPECS System, IP Phone, Digital Phone, SLT

Product 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 DSIU, 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
	eMG800-VOIB128	128 Channel VoIP Interface Board(Default 32 ch)
	MG-WTIB4/MG-WTIB8	4/8 Base Wireless Terminal Interface Board
Others	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.

System Capacity

		eMG800	eMG800 with Expansion System
Max System Port		600	1,200
Trunk	Max	536	600
	Analog	204	408
	PRI	360	600
	IP Trunk	536	600
Extensions	Max	600	1,200
	TDM Extension	420	840
	Digital	414	828
	Analog	414	828
	DECT	192	
	IP	600	
	Standard UC	200	
	Premium UC	600	
Integrated Telephony Port		6D + 6S	12D + 12S
VoIP Channel	Built-in VoIP	4 ch	8 ch
	Built-in VoIP Expansion*	8 ch	16 ch w/ License
	System Max	600	w/ VOIB 8/24/128
VM Channel	Built-in VM	4 ch	8 ch
	Built-in VM Expansion*	8 ch	16 ch w/ License
Embedded UC	Default	5 copy for Desktop/5 copy for Mobile	
	Max	200 copy for Desktop + Mobile	
Embedded ClickCall	Default	5 copy	
	Max	1,200 copy	
BHCC		21,000	
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.

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(℃) - 40(℃)/32(℉) - 104(℉)
	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)