Design Your Business Communications
with iPECS UCP
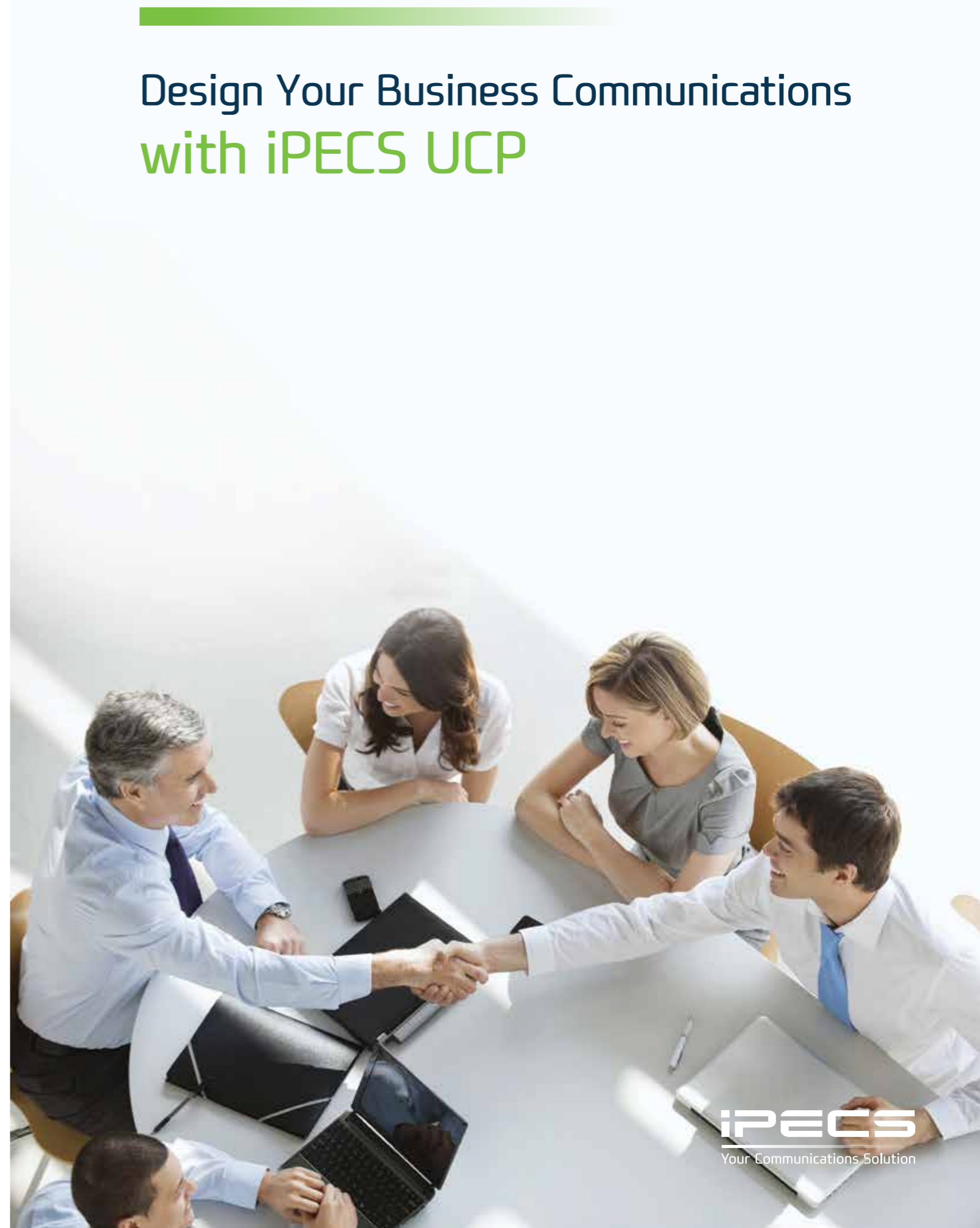
iPECS
Your Communications Solution

iPECS is an Ericsson•LG Brand

ERICSSON | LG

iPECS
Your Communications Solution

PRODUCTIVITY ENHANCEMENT OF
YOUR BUSINESS WITH UNIFIED COMMUNICATIONS

In the business, you need to constantly improve business productivity. iPECS UCP is the core platform, and iPECS UCS is application that provides Unified Communications through linkage with iPECS UCP. iPECS UCS gives benefit to SMB customer as built-in simple UC. And for enterprise customer, iPECS UCS can be expand seamlessly rich UC feature as their needs. iPECS UCP brings together various applications and communication tools so you can easily work and serve your customers effectively.

The iPECS UCS Client is an intuitive desktop and mobile application designed for SMB users so they can easily collaborate with colleagues. Wherever you are, you are able to reach the resources needed for efficient communications. With the click of your mouse, iPECS UCS Client instantly accesses shared resources such as a central company directory and schedule synchronization. Use the presence information reduce communication latency and communicate with others in the most appropriate format, Instant Message, Voice call, video conference, SMS and more. Share applications and files to review the latest information such as sales records and improve decision making and response time.

iPECS UCS simplifies your business communications and improves productivity by linking voice and other communications aware applications under a single intuitive user interface.

LOWER TCO AND COMMUNICATION EXPENSES

Ericsson-LG Enterprise has been focusing on all sized businesses for more than 40 years and this experience is reflected in our products and solutions. The best of which, is the iPECS UCP for from SMB to Enterprise, to help you save money and lower costs. iPECS UCP employs a fully distributed modular architecture to deliver all the advantages of VoIP. The single voice/data infrastructure significantly reduces the costs of managing your communication solution. iPECS UCP is designed uniquely modular and distributed architecture. It's possible to provide economical communication environment such as managing multi site or mobile office. The modular type gateways, terminals and soft clients can be located anywhere there is access to your network. As user can connect anywhere, call charge decrease and business productivity increase. iPECS UCP is scalable easily with license. This scalability save upfront investment and also protect future investment. Powerful redundancy capabilities assure operation should failure occur utilizing back-up power and Call Server modules. iPECS intelligent management permits a highly versatile interface to save management time and costs of all iPECS solutions in a distributed environment. Multi-party audio and video conference through the system eliminates the need for expensive, third party conferencing services.

EASY TO USE AND MANAGE

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

With a simple, 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. Managers can monitor and manage up to 500 Call Servers from a single remote point and have full access to the database and maintenance features of each system from anywhere.

Thanks to the modular hardware and software structure, you can simply add license to increase the capacity or coverage of service for your business is growing.

As your workforce becomes more mobile and dependant on ease of use and collaboration, your communications solution should be simple, powerful and cost effective. For a business to perform and stay competitive, regardless of size, it needs tools that work well together to facilitate fast, well informed, critical decision making in a more efficient work environment.

Simple and Cost-Effective Way to Use UC&C and Mobility Solutions

Unified Communications Platform, iPECS UCP

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

Easy and economical UC

iPECS UCS Standard server is built in UCP. Users can use video, IM, audio conference, visual voice mail, as well as voice calls on one platform. As external server, iPECS UCS Premium server provides more various collaboration features.

Increase reliability with distribution architecture

Geographical / Server redundancy and T-Net features provide high reliability and makes management very easy for both local and remote offices.

Anytime & Anywhere Connectivity

iPECS UCS mobile client, Mobile Extension, DECT, and Wi-Fi terminals are optimized. Mobile communications are available both in and out of the office.

Improved business performance

iPECS CCS, IPCR, Attendant, NMS, Voice Mail, Click Call, and Microsoft Lync are optimized. These applications help users build an unified and efficient communications solution fit with user's business situation.

Simple installation and management

Web management (i.e. install wizard) based on HTML5 helps the administrator can install easily and changes the configuration simply.

Efficient investment

Capacity can be expanded by a simple license. Users can save on initial cost and can invest for additional license as their business grows.

Call Server
Mobility
Collaboration

Three Models of UCP

Users can simply expand capacity of their system starting with a base UCP100, UCP600, UCP2400 with license of iPECS UCP

2,400 port

600 port

200 port

Capacity >

UCP2400
600~2,400Port
By License

UCP600
100~600Port
By License

UCP100
50~199Port
By License

UC Integration >

" Seamless scalability by license "

Competitive Feature Set

Built-in system feature set and UC server provide various applications and collaboration features to meet the variety of customer's needs

One number service

Personal Group consisting of your master station and group member stations (maximum 32 including your master station) can be configured by the system Administrator. When user's master station receives a call all members also receive the call and when placing a call the master station number, access and dialing restrictions are used. Each member can still receive call to the member station number.

Embedded Voice Mail

Voice Mail is built in iPECS UCP and it supports various voice mail features such as Multi language Auto Attendant, VM Cascading, E-mail Notification of voice mail, centralized voice mail and more. UCP100/600(Built-in VM), UCP2400(UVM required)

System Geographic Redundancy

iPECS UCP system supports redundant processor operation. The redundant system processor is a hot standby processor. The standby UCP monitors the active UCP and if the Active UCP fails or reset, the standby UCP will take over and maintain control of the system.

Embedded Hotel Features

iPECS UCP is embedded hotel features and provides PMS interface. It supports standard hotel features like Check-in/out, Room status, Billing, Emergency call, Wake up, Register mini-bar information in room and Customer information. License required for this features.

Mobile Extension

User's mobile phone may be registered to a station allowing the mobile phone to place and receive calls through the system. DID calls are sent to user's iPECS. IP or LDP Phone and registered mobile phone simultaneously. If the mobile phone is paired with a hunt group station, Hunt group calls routed to the station can also ring to user's mobile phone.

Centralized Control T-NET

In a Centralized control T-NET (Transparent Network), a central UCP controls all remote modules and terminals providing transparent networked access to all the features and functions of the central iPECS systems as well as the resources connected to iPECS systems. In addition, it provides fail-over option.
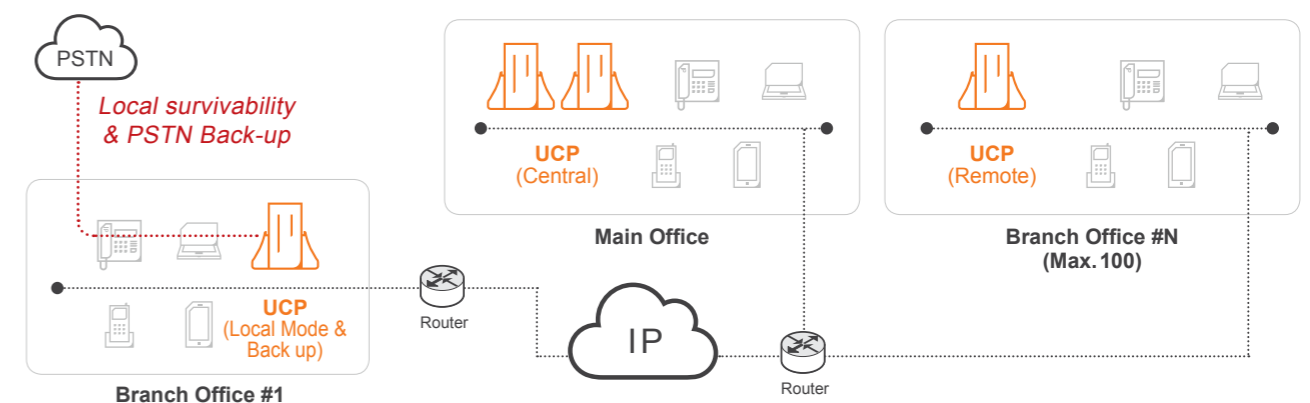
Embedded SIP

iPECS UCP is embedded SIP features. As embedded SIP, system supports SIP trunk and 3rd party SIP based devices and applications. Users can compose various communication resources with iPECS UCP.

Powerful Call Handling Features

iPECS UCP provides more than 300 features for call handling. Built-in ACD, Hot desking, Individual call routing, Incoming caller ID based call routing, Web call back and more.

▶ Distribution architecture & Geographical redundancy

PSTN

Local survivability & PSTN Back-up
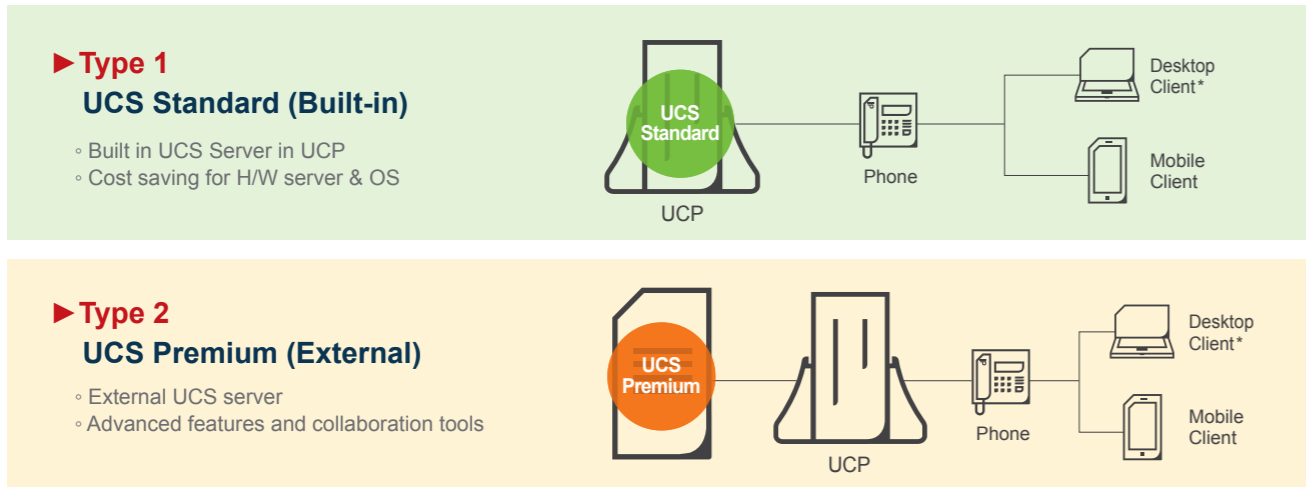
UCP (Local Mode & Back up)

Branch Office #1

Router

IP

Router

UCP (Central)

Main Office

UCP (Remote)

Branch Office #N (Max. 100)

iPECS UCS Feature Introduction

iPECS UCP provides various UC solution features with UCS server and client

iPECS UCS highlight

UCS Standard (Built-in)	Mobile Client (Android/iOS)	High quality Video Conferencing	Rich Presence & IM	Outlook Integration
No additional H/W server and installation	Including video call support	Max six party video conference, sharing for document, desktop, and application	Mobile presence and personal status based on Outlook schedule	Outlook calendar, click to call from Office application

※ UCS features depend on standard and premium version.

iPECS UCS server types

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

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

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

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

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

iPECS UCS main features

• Call control : Control Answer/Deny/Hold/Park/Transfer on UCS client
• Click call : Simple outgoing dialer on web browser or windows application
• Chat(IM) : Text based one-to-N chatting (one-to-one on UCS Standard)
• Call Through/Call Back : Reduce call charge and increase reliability
• Outlook integration : MS Outlook contact and schedule synchronization
• Organization chart : Customizing through Active Directory
• Audio Conference Manager : Voice conference (Ad-hoc, Room, and Group) including member invitation by drag & drop
• Conference call & Collaboration :
  Max six members video conference on UCS Premium
  including monitor/program sharing, white board, web push
• Visual Voice Mail : Graphical VM management and notification of urgent VM

◦ Desktop Client

◦ UCS Mobile Client (Android & iOS)

UCS Standard vs UCS Premium

iPECS UCS provides UCS standard type for SMB and UCS premium type for Enterprise business. All features designed for business size, customer can experience efficient investment as choose type for fit their business situation.

Features		Standard	Standard Call Control	Premium	Premium Call Control
Max Registration	UCP 100	100		100	
	UCP 600	200		600	
	UCP 2400	400		2,400	
Concurrent Login	UCP 100	100		100	
	UCP 600	200		600	
	UCP 2400	400		2,400	
Presence		O	O	O	O
Presence registration		50	50	200	200
IM		(1:1)xN	(1:1)xN	(1:N)xN	(1:N)xN
Audio Call		O	-	O	-
Video Call		O	-	O	-
Click to call		O	O	O	O
Call Control		O	O	O	O
Visual Voice Mail		O	O	O	O
Audio Conference Manager		O	O	O	O
Supporting Active Directory		-	-	O	O
Outlook synchronization		Contact	Contact	Contact/Schedule	Contact/Schedule
MS Exchange Integration		-	-	O	O
Organization chart		-	-	O	O
6-Party Video Conference		–	–	O	–
Collaboration		–	–	O	O
Mobile client (Android, iPhone)		O	O	O	O

* Feature details are on next pages
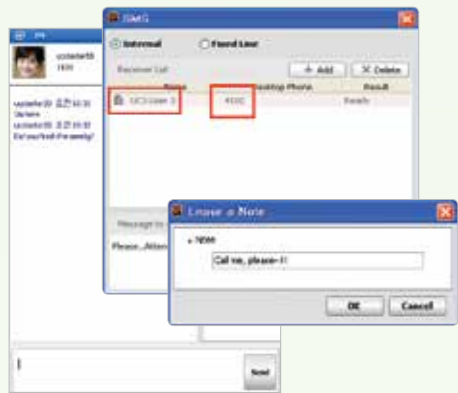
Instant Message/SMS/Note

Call Popup & Memo

Conference Member add (Drag & Drop)
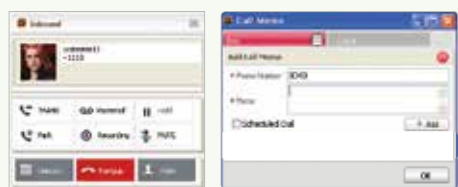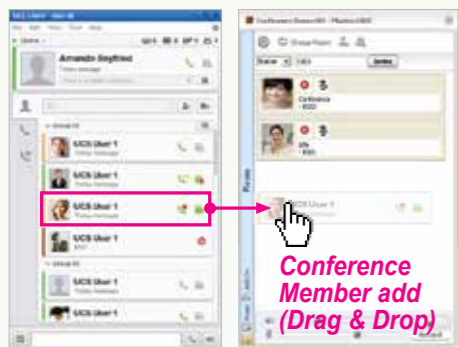
Audio Call & Conference

Video Call & Conference

① *Search*

Tel +82-2-3777-1114

② *Call*
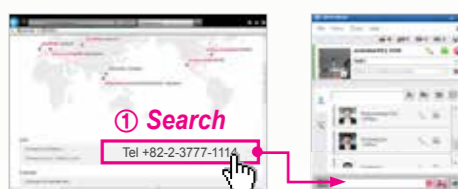
Click call

Integrated Presence

• Instant decision on reachability by status color following traffic signal
• Save time and cost through real-time communication with people who available collaboration
• Integrated DND setting is available UCS and Phone at the same time

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

Audio Call

• 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

Audio Conference

• 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

• One-to-one video call from UCS Desktop and Mobile client
• QCIF, CIF, 4CIF video resolution

Video Conference

• 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)

Click call

• Easy dialing in Web browser
① Capturing numbers by mouse dragging
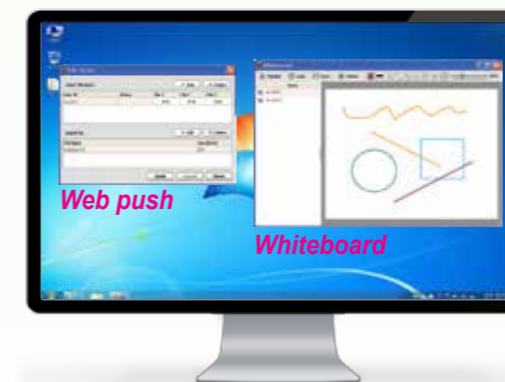② Call in the Quick Call Control Bar or the Call Assistance
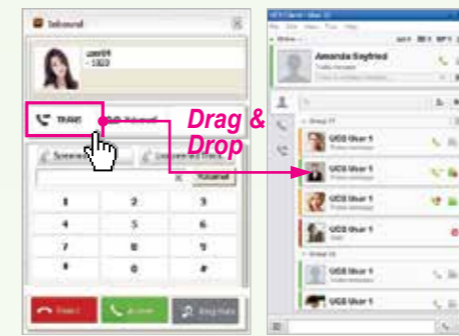
Drag & Drop
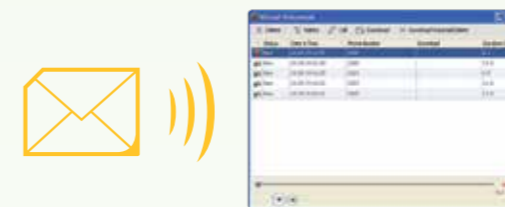
Call Transfer

Visual Voice Mail

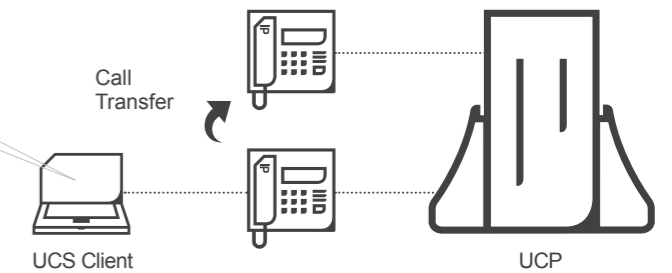Outlook Synchronization

Web push

Whiteboard

Collaboration

Call Control

• 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

▶ *Example :* Call Transfer by drag & drop

Call Transfer

UCS Client

UCP

Visual Voice Mail

• Easy retrieval of voice mail through GUI
• Automatic synchronization with UVM
• Supporting in desktop client and mobile client

Outlook Synchronization

• Synchronization with MS Outlook contact and schedule
• Contacts registered to Microsoft 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 on MS Outlook contact

Microsoft Exchange Server Integration

• More precise schedule synchronization with Exchange Server
• Outlook schedule synchronization with or without UCS login
• Option 1 : Integration with local MS Outlook client
• Option 2 : Synchronization between Exchange server and UCS Server

Collaboration

• File Send
• Program sharing
  - Application : Share for documents, spreadsheets, presentations, and drawing in real time
  - Desktop : Share desktop screen with other UCS users
• Web push : Share web page address with other UCS users
• Whiteboard : Share drawings and free-form text

Applications for Business Performance

Every business has different communications needs and meeting these needs is critical for your business communications solution. Ericsson-LG Enterprise iPECS UCP offers various applications and mobile clients for you to fulfill different needs and requirements in your business

iPECS Attendant (Office & Hotel)

iPECS IPCR

iPECS CCS

iPECS NMS

iPECS Attendant (Office & Hotel)

iPECS Attendant include soft phone function, hotel features
• Operating without an external phone
• Call Recording / Call statistics / Call history
• Video Call support
• Check-in/out, wake up call, room status, etc. for Hotel

iPECS IPCR

A call recording and monitoring solution tightly integrated with iPECS Call platforms and contact centers
• Centralized or distributed call recording
• Encryption enabled call recording
• Trunk-based recording
• Announcement file play during call

iPECS CCS

Multi-channel IP Contact Center solutions package best integrated with iPECS Platforms
• CCS Q: Multi-channel Inbound CC
• CCS Desk: Agent's Desktop Software
• CCS Report : Monitoring and report

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

※ Above applications will be supported on UCP P2 or later

Terminals

iPECS UCP supports an extensive range of terminals such as digital and IP phones, SIP phones, DECT, Mobile Client, and IP Conference Phone. These terminals are designed for business users who require a range of feature-rich telephony devices to match your constantly changing business needs. iPECS UCP gives you access to a large portfolio of terminals and clients to suit your unique business telephony needs.

IP Phones

LIP-9002
• 2 Line Gray graphic
• 4 Programmable feature keywith LED
• PoE(802.3af) Support
• Open VPN
• LLDP-MED/802.1x Security
• 10/100 BASE-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-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-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-9040
• 8 Line Gray graphic LCD with White backlit
• 32 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-9070
• 7" TFT color touch LCD
• WVGA resolution
• Android OS
• Gigabit support
• Media play, picture viewer
• 1.3M pixel CMOS camera
• Video calls with iPECS video clients (UCS, LIP-8050V, Phontage)
• Soft flexible buttons : 48 for SIP / 30 for iPECS protocol

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

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

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

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

LIP-8002E/AE

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

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 security 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 security support
- Open VPN support

LIP-8024E

- 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-8040E

- 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-8050E

- 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

E-BTMU (Bluetooth Dongle)

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

LIP-8012DSS

- Support : LIP-8012E / 8024E / 8040E / 8050E
- Flexible button : 12
- Underlay type : Paper
- DSS connection : Up to 2

LIP-8048DSS

- Support : LIP-8012E / 8024E / 8040E / 8050E
- Flexible button : 48
- Underlay type : Paper
- DSS connection : Up to 4

LIP-8012LSS

- Support : LIP-8012E / 8024E / 8040E / 8050E
- Flexible button : 12
- Underlay type : LCD
- DSS connection : Up to 2

LIP-8040LSS

- Support : LIP-8012E/8024E/ 8040E/8050E
- Flexible button : 40
- Underlay type : LCD
- DSS connection : Up to 4

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-7008D

- 2 Line LCD
- 8 Flexible buttons
- 5 fixed buttons
- Speaker phone
- Headset Jack

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-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-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-9008D

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

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

※ For more information and DSS options, refer to a total brochure

GDC-500H

- Protocol : Standard GAP + Ericsson-LG Proprietary
- Buttons : Easy access via 2 soft keys, 5 way navigation
- Languages : 7 languages (English, Italian, Spanish, Swedish, Russian, Turkey, German)
- Bluetooth : Yes (V2.1, headset profile)
- Speakerphone : Yes

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

WIT-400HE

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

iPECS UCP Network

PSTN — LGCM4/8 — iPECS UCP (office)
ISDN — PRIM
BRIM2/4
Internet/VoIP — VOIM8/24

Wireless: WIT-400HE, iPECS UCS (Mobile)
WTIM4/8, GDC-600BE, GDC-450H/500H

UC & Application
Miscellaneous Functions

ES8GP, IP Phone

Remote Web based administration
Voice Mail — UVM
SLT — SLTM4/8/32
Digital Phone — DTIM8/24
Multi-Media Conference — MCIM
IP Phone
3rd Party SIP Phone

SMDR, iSMDR, Music Source, Loud Bell, Paging, Alarm Detector, UPS, Door Phone, Door Open

Web based administration
iPECS UCS (PC/Mobile)
iPECS Attendant (Office/Hotel)
PMS
iPECS IPCR
CTI
iPECS CCS
iPECS NMS
T-Net / Networking (IP/Qsig)
TAPI
Fidelio I/F
UCP Hotel Features
MS Lync (RCC Gateway/Client)

Router

Branch Office: PSTN — LGCM 4/8 — SLTM 4/8/32 — SLT, FAX, IP Phone — iPECS UCS (PC/Mobile)
SOHO Office: IP Phone — iPECS UCS (PC/Mobile)
Mobile User: iPECS UCS (Mobile)

System Capacity

Category		UCP100	UCP600	UCP2400	Remark
Main cabinet			10 Slot		10th slot for PSU
System channel	Basic	50	100	600	
	Max.	199	600	2,400	
Extension		199	600	2,400	
CO/IP Line		199	600	998	
Integrated Telephony ports	Standard	2FXS(SLT)	-	-	
	Option	4CO or 2BRI or 4BRI	-	-	
VoIP Channel	Built-in VoIP *	2~6Ch.**	6Ch.		
	Built-in VoIP Expansion***	16Ch.	24Ch.	-	w/ License (8ch increment)
	System Max.	100	600	998	w/VOIM
Built-in Audio Conference		6/10/14/18	6/18	-	Shared resource with VoIP and built-in TDM
Built-in VM (UVMU)	Basic	4Ch./ 4Hrs	6Ch. / 6Hrs	-	
	Max.	4Ch./14Hrs	6Ch./16Hrs	-	w/ License
External VM	UVM	8Ch./50hrs by default, Max 16Ch./200Hrs			w/ License
UVM per system		100	100	100	
MCIM per system			30		
Attendant			50		
Serial Port (RS-232C)			1		
USB (3.0) Host port			1		

* In-band/Out-band SIP, Transcoding, Networking, Remote IP Phone/Devices
** VoIP 2ch – BRIU4 in use on UCP100, VoIP 4ch – BRIU2/COIU4 in use on UCP100, VoIP 6ch – No TDM in use on UCP100
*** Out-band SIP, Networking, Remote IP Phone/Devices

Product Components

Item	Model	Description
UCP Call Server	UCP100	Unified Communications Platform Server 100, Basic 50, Up to 199 ports
	UCP600	Unified Communications Platform Server 600, Basic 100, Up to 600 ports
	UCP2400	Unified Communications Platform Server 2400, Basic 600, Up to 2400 ports
	COIU4	4 ports Central Office Interface Unit daughter board for UCP100
	BRIU2/4	2/4 port Basic Rate Interface Unit daughter board for UCP100
Trunk G/W	VOIM8/24	8/24ch VoIP Interface Module
	LGCM4/8	4/8 port Analog CO Interface Module
	BRIM2/4	2/4BRI (4/8ch) Interface Module
	PRIM	1 port PRI (30ch) Interface Module
	T1PRI	1 port T1/PRI (23ch) Interface Module
	CMU50PR	Call Metering Unit (50/PR) for MFIM50A & UCP-LGCM4/8
	CMU12/16	Call Metering Unit (12K/16K/PR) for MFIM50A & UCP-LGCM4/8
Extension G/W	DTIM8/24	8/24 port DTI Interface Module
	SLTM4/8/32	4/8/32 port Single Line Telephone Interface Module

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

Specifications

Item	Description	Specification
Module AC/DC Adapter	AC Voltage Input	100~240VAC +/- 10%@ 50/60Hz
	AC Current Input	1.0 amps
	DC Output	48 VDC @ 0.8 amps
Keyset AC/DC Adapter	AC Voltage Input	100~240VAC +/- 10%@ 50/60Hz
	AC Current Input	0.2 amps
	DC Output	48 VDC @ 0.3 amps
PSU	AC Voltage Input	100~240VAC +/- 10%@ 50/60Hz
	Fuse	T6.3, AC250V
	DC Output	48 VDC, 5.3 amps / 5VDC@1amps
Operating Environment	Temperature	0~40 o C / 32~104oF
	Humidity	0~80% (non-condensing)
Dimension	Standard Gateway Module	38.8mm(W) x 230mm(H) x 194.5mm(D)
	Main Cabinet, Enhanced	440mm(W) x 265.6mm(H) x 318.2mm(D)
	19" Rack Mount modules	436.6mm(W) x 53mm(H) x 318mm(D)
Weight	Standard Gateway Module	1.5Kg
	Main Cabinet, Enhanced (with PSU module)	7.78Kg (9.32Kg)
	19" Rack Mount modules	4.32Kg