

Design Your Business Communications with iPECS UCP

iPECS
Your Communications Solution

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 optimised. 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 optimised. 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.



Key Features

- iPECS UCS Client Support
- Mobile Extension
- Auto Attendant/Voice Mail Group
- E-Mail Notification
- Centralised Voice Mail
- Embedded SIP
- Automatic Call Distribution (ACD)
- One Number Service
- Web Administration
- Web Call Back
- Centralised Control T-NET
- System Geographic Redundancy

Ericsson-LG Enterprise Applications

- iPECS UCS Server (Standard & Premium)
- MS Lync RCC Client
- iPECS ClickCall
- iPECS Attendant
- iPECS IPCR
- iPECS CCS

Supported Terminals

- LIP-9070
- LIP-9000 Series
- LIP-8000E Series
- IP8800E Series
- LDP-7000 Series
- LDP-9000 Series
- LDP-DPB
- GDC-450H
- GDC-500H
- GDC-800H(IP DECT)
- WIT-400HE

3rd Party Applications

- TAPI (3rd Party)
- Fidelio I/F
- SIPE
- Microsoft Lync



System Capacity

Category		UCP100	UCP600	UCP2400	Remark
Main cabinet			10 Slot		10 th 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 channels	Built-in VoIP	2~6Ch.*	6Ch.	-	In/Out-band SIP, Transcoding, Networking, Remote IP Phone/Devices
	Built-in VoIP Expansion**	16Ch.	24Ch.	-	with License(8ch increment)
	System Max.	100	600	998	with 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	-	with License
External VM	UVM	8Ch./50hrs by default, Max 16Ch./200Hrs			with License
UVM per system		100	100	100	
MCIM per system			30		
Attendant			50		
Serial Port (RS-232C)			1		
USB (3.0) Host port			1		

* 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

Power Requirement

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
	AC Voltage Input	100~240VAC +/- 10%@ 50/60Hz
Keypad AC/DC Adapter	AC Current Input	0.2 amps
	DC Output	48 VDC @ 0.3 amps
	AC Voltage Input	100~240VAC +/- 10%@ 50/60Hz
PSU	Fuse	T6.3, AC250V
	DC Output	48 VDC, 5.3 amps / 5VDC@1amps

Dimension & Weight

WxHxD (mm)	Standard Gateway Module	38.8 x 230 x 194.5
	Main Cabinet, Enhanced	440 x 265.6 x 318.2
	19" Rack Mount modules	436.6 x 53 x 318
Weight (Kg)	Standard Gateway Module	1.5
	Main Cabinet, Enhanced (with PSU module)	7.78 (9.32)
	19" Rack Mount modules	4.32

Operating Environment

Temperature	0~40 °C / 32~104°F
Humidity	0~80% (non-condensing)

Board Components

Item	Board	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 Gateway	VOIM8/24	8/24ch VoIP Interface Module
	LGCM4/8	4/8 port Analog CO Interface Module
	BRIM2/4	2/4 BRI (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 Gateway	DTIM8/24	8/24 port DTI Interface Module
	SLTM4/8/32	4/8/32 port Single Line Telephone Interface Module
Other Gateway	MCIM	32ch Audio Conference Interface Module
	VMIM	Voice Mail Interface Module (8ch/18hours)
	UVM	Unified Voice Mail (8ch/50hrs by default, expandable to 16ch/200hrs by licenses - UVMCL4, UVMML50)
	ES8G/8GP	8 port Gigabit Ethernet Switch/PoE

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