Design Your Business Communications with iPECS UCP

iPECS
Your Communications Solution

iPECS UCP is Ericsson-LG Enterprise's Unified Communications Platform designed to meet SME 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 solution.

Simple Unified Communications

PECS Unified Communications capability is built into UCP. User can use voice, video, instant messaging, conference calls and visual voicemail all on one simple and easy to use platform. UC is designed to be intuitive and provide your team easy to use tools and features.

Reliable and Resilient

Total reliability is the only option for your communications. iPECS UC is designed to deliver complete resiliense through geographic redundancy and inherent modular architecture.

Anytime & Anywhere Connectivity

Access the power of your iPECS unified communications platform your way, regardless of your device or location using smartphone, tablet or PC applications.

Integrated applications tailored to your needs

iPECS is designed to offer a range of enhanced applications from Ericsson-LG Enterprise and other specialist applications providers. Integration into standard office applications such as Microsoft Outlook, Lync, as well as other applications, means your communications are truely integrated.

Leverage the latest standards based technologies

PECS UCP helps you to make the most of the latest network technologies, such as SIP, optimise call costs using WiFi or use in-built voice conferencing to save on external conferencing services.

Scale with your growth

iPECS is designed to deliver the flexibility you need as your organisation grows. Your communications can easily adapt to meet changing needs.

Key Features
- Built-in iPECS UCS
- Built-in iPECS ClickCall
- Embedded VoIP
- Embedded Voice Mail
- Embedded ACD
- Embedded SIP
- Embedded audio conference
- Embedded hotel features
- Mobile extension
- One number service
- Web call back
- ACD call statistics for multiple group
- Emergency/Alarm call service
- Simplified directory search and dial
- Custom MOH support
- VM to E-Mail forwarding
- Centralised Voice Mail
- Centralised control T-NET
- System geographic redundancy
- Web administration
- Web user portal
- Virtualisation with iPECS vUCP

Applications
- iPECS UCS
- iPECS ClickCall
- iPECS RCC Gateway
- iPECS Attendant (Office/Hotel)
- iPECS IPCR
- iPECS NMS

Supported Terminals
- LIP-9071
- LIP-9000 Series
- LDP-9200 Series
- GDC-800H (IP DECT)
- GDC-500H/480H
- Ascom

3rd Party Applications and Middleware
- Microsoft Lync/SfB
- Fidelio I/F
- Tiger TMS for hospitality solution
- 3rd party PMS Interface
- TAPI (3rd Party)

On-Premise

UCP100
50~199 Port
By License

UCP600
100~600 Port
By License

UCP2400
600~2,400 Port
By License

System Capacity

Category		UCP100	UCP600	UCP2400	vUCP	Remark
Main cabinet			10 Slot		-	10th slot is for PSU
System ports (Default)		199 (50)	600 (100)	2,400 (600)	2,400 (200)	
IP Extension (Default)		199 (30)	600 (10)	2,400 (10)	2,400 (10)	
CO/IP Line		199	600	998	-	
UCS Standard clients	Default Option 1 (Desktop/Mobile)	2/2	10/10	20/20	-	Only one default option can be used
	Default Option 2 (Advanced User)	2	10	20	10	
	Max	100	200	400	400	
UCS Premium clients		199	600	2,400	2,400	
Clickcall (Default)		199 (2)	600 (10)	2,400 (10)	2,400 (10)	
Server Redundancy	Local	-	O	O	-	
	Geographical	-	O	O	O	w/ License
Integrated Telephony ports	Standard	2FXS(SLT)	-	-	-	
	Option	4CO or 2BRI or 4BRI	-	-	-	
VoIP Channel	Built-in Basic*	2~6	6	-	-	w/ License(8 ch increment)
	Built-in Max**	16	24	-	250 (per vVOIM)	w/ VOIM and VCIM
	System Max	199	600	998	998 (w/ vVOIM)	
Built-in Audio Conference		6/10/14/18	6/18	-	-	VoIP DSP channels can be assigned to the MCIU, 2 VoIP = 4 Conf channels
VM Channel	Built-in Basic	8 ch/4 hrs	8 ch/6 hrs	-	-	w/ License
	Built-in Max	8 ch/14 hrs	8 ch/16 hrs	-	-	
	External Basic (UVM)		8 ch/50 hrs		-	
	External Max (UVM)		16 ch/200 hrs		150 ch/500 hrs (vUVM)	w/ License
UVM/vUVM per system			30/0		30/1	
MCIM*** per system			30		30	
Attendant			50		50	
Serial Port (RS-232C) / USB (3.0) Host Port			1/1		-	

*   In-band/Out-band SIP, Transcoding, Networking, Remote IP Phone/Devices   ** Out-band SIP, Networking, Remote IP Phone/Devices
*** MCIM supports 4-32 party conferencing

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
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 @ 1 amps

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(℃)/32(℉) - 104(℉)
Humidity	0 - 80%(Non-condensing)

System Components

Item	Board	Description
UCP Call Server	UCP100	Unified Communications Platform Server 100, Basic 50, Up to 199 port
	UCP600	Unified Communications Platform Server 600, Basic 100, Up to 600 port
	UCP2400	Unified Communications Platform Server 2400, Basic 600, Up to 2,400 port
	vUCP	Virtual Unified Communications Platform, Basic 200, Up to 2,400 port
Trunk Gateway	VCIM*	VOIP/Audio conference Module
	VOIM8/24	8/24 ch VoIP Interface Module
	LGCM4/8	4/8 port Analog CO Interface Module
	BRIM2/4	2/4 BRI(4/8 ch) Interface Module
	PRIM	1 port PRI(30 ch) Interface Module
	vVOIM	Virtual VoIP Interface Module
Extension Gateway	DTIM8/24	8/24 port Digital Line Telephone Interface Module
	SLTM4/8/32	4/8/32 port Single Line Telephone Interface Module
	WTIM4/8/24	4/8/24 port Wireless Telephone Interface Module (DECT base controller)

* 64 DSP channels by default and expandable up to 128 DSP channels
  VoIP and Audio Conference can be mixed use. 1 VoIP channel uses 2 DSP channels and 1 Audio Conference channel uses 1 DSP channel

iPECS is an Ericsson∙LG Brand

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