

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.

Embedded UC and Telephony

As the most compelling advantage, Unified Communications services are embedded in iPECS UCP. 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 UCP as "Modular ALL-IP Architecture" enables flexible and cost-effective multi-site deployment with industry-unique architecture. It can be fully networked in T-NET(Transparent Networking) or Networking mode for local survivability and PSTN failover. Also, it provides call server and power redundancy for seamless communication. Through flexible T-NET features, IT managers can easily manage a multi-site architecture. And users can experience iPECS UCP's seamless and powerful communication.

Wide Range of Mobility

iPECS UCP 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 phones 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 UCP 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.

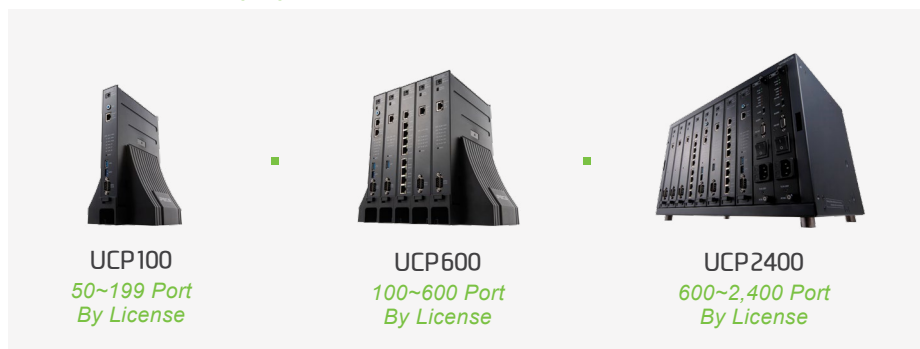
Rich Business Applications

iPECS UCP 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 UCP. In addition, iPECS UCP100/600 provides embedded VoIP relay(VoIP Switching) to provide more cost-effective VoIP channels.(Max 16/24 channel by license) iPECS UCP's VoIP switching supports out-band SIP, T-NET and remote device/clients. Also, it provides Call Progress Tone Generation such as Ring Back tone, Busy/Error tone, Confirmation tone, etc. A completed feature-set of VoIP Switching can offer big cost benefits for overall business communications.

Seamless Scalability by License



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 paging/call monitoring
- Simplified directory search and dial
- Custom MOH support
- VM to E-Mail forwarding
- Centralized Voice Mail
- Centralized control T-NET
- System geographic redundancy
- Web administration

Applications

- iPECS UCS
- iPECS Clickcall
- iPECS RCC Gateway
- iPECS Attendant(Office/Hotel)
- iPECS IPCR
- iPECS CCS
- iPECS Report Plus
- iPECS NMS

Supported Terminals

- LIP-9071
- LIP-9070
- LIP-9000 Series
- LIP-8000E Series
- IP8800E Series
- LDP-9200 Series
- LDP-9000 Series
- LDP-7000 Series
- LDP-DPB
- GDC-800H(IP DECT)
- GDC-500H/480H
- WIT-400HE

3rd Party Applications and Middleware

- TAPI(3rd Party)
- Fidelio I/F
- Microsoft Lync
- Tiger TMS for hospitality solution
- LAS for Healthcare solution

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 channel	Built-in VoIP*	2~6	6	-	
	Built-in VoIP Expansion**	16	24	-	w/ License(8 ch increment)
	System Max	199	600	998	w/ VOIM
Built-in Audio Conference		6/10/14/18	6/18	-	VoIP DSP channels can be assigned to the MCIU, 2 VoIP = 4 Conf channels
Built-in VM(UVMU)	Basic	8 ch/4 hrs	8 ch/6 hrs	-	
	Max	8 ch/14 hrs	8 ch/16 hrs	-	w/ License
External VM(UVM)	Basic		8 ch/50 hrs		
	Max		16 ch/200 hrs		w/ License
UVM per system			100		
MCIM*** per system			30		
UCS Standard clients		100	200	400	
UCS Premium clients		199	600	2,400	
BHCC			54,000		
Attendant			Up to 50		
Serial Port(RS-232C)			1		
USB(3.0) Host Port			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
Keypad 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(°C) - 40(°C)/32(°F) - 104(°F)
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
	COIU4	4 port Central Office Interface Unit daughter board for UCP100
	BRIU2/4	2/4 port Basic Rate Interface Unit daughter board for UCP100
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
	CMU50PR	Call Metering Unit(50/PR) for UCP-LGCM4/8
Extension Gateway	CMU12/16	Call Metering Unit(12K/16K/PR) for UCP-LGCM4/8
	DTIM8/24	8/24 port Digital Line Telephone Interface Module
	SLTM4/8/32	4/8/32 port Single Line Telephone Interface Module

* 64 DSP channels by default and expandable upto 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

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

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