Simple and Cost Effective yet Reliable and Powerful Communications

It's time for unified communications (UC), the transformative tool that integrates all your business communications into one place. Here's the cost competitive and simple platform for small and midsize businesses to help connect better, boost efficiency, and move your business to the next level.

iPECS eMG100

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
- ACD manager protocol
- SIP interface
- Emergency/Alarm call service
- Simplified directory search and dial
- Custom MOH support
- VM to E-Mail forwarding
- Web administration
- Web user portal

Applications
- iPECS UCS
- iPECS ClickCall
- iPECS RCCV
- iPECS Attendant (Office/Hotel)
- iPECS IPCR
- iPECS NMS*
- * availble at the end of 2020

Supported Terminals
- 1000i Series
- LIP-9000 Series
- LDP-9200 Series
- IP DECT 100 Series
- * previous iPECS LIP/LDP are supported

3rd Party Applications and Middleware
- Web API (CTI, SMDR, ACDM)
- RESTful API (SMDR, Clickcall)
- TAPI (3rd Party)
- RCC Gateway for MS Lync/SfB
- Fidelio PMS Interface
- 3rd party PMS Interface
- Tiger TMS Middle-ware Integration
- IP DECT Alarm Solution Integration*
- *IOT is addiontionally needed

Cost effective hybrid platform

It's a cost effective hybrid platform that supports IP, digital, analog, and UC devices, so you can work from any device with any technology. iPECS eMG100 provides many built-in solutions that will maximize your return on investment. TDM interfaces, built-in VoIP and VM capacity with emergency alarm and relay and paging features are all embedded as default. Compact design with many of the communication features included out of the box.

Simple single cabinet

iPECS eMG100 comes as a single cabinet that can be wall mounted or 19-inch rack mount depending on your requirements. All ports are equipped with a RJ45 interface to have universal compatibility. Add an additional license to connect another iPECS eMG100 cabinet to simply double your communication power.

Rich business applications

iPECS eMG100 provides a various range of business applications and mobile clients to fulfill varying needs and requirements in the small and medium sized enterprise environments. It also offers interoperability with various 3rd party solutions in hospitality, healthcare and other vertical industries.

Aspire to be mobile

Whether in the office, warehouse or in a factory IP DECT provides reliable communications even in the high demanding environments. For more personalized mobility and for outside office the iPECS UCS brings the power of a desk phones into smart-phones or tablet PCs. In addition, the Mobile Extension (MEX) feature is provided for seamless communications and ease of use for calls to be seamlessly and easily moved back and forth between desk phone and mobile. Be professional with one-number service from any device in any location. Utilize iPECS mobility solutions and take the office with you.

Easy installation and simple management

IT managers can breeze through initial installation, and quickly customize settings for easy management. Multiple levels of user-friendly administration tools add value for easy management. Web-admin helps IT managers to easily customize their workflows and manage the real-time operation locally and remotely.

Reliable multi-site deployment

We provide multi-site deployment with a local/branch system that supports local suvivability (LCM). Backup connections to the local PSTN network can be used as a last resort. Avoid downtime with automatic fail-over between sites, so that your clients can reach you whenever they need.

System Capacity – KSUD

		1st KSU	2nd KSU	Total	System max
Trunks	CO	16	16	32	74
	BRI (ch)	8	-	8	
	E1/PRI, T1/PRI (ch)	30, 24/23	-	30, 24/23	
	SIP	64	16	74**	
Extensions	DKT	24 (8)	24 (8)	48	140
	SLT	36 (4)	36 (4)	72	
	IP EXT / IP DECT	64 (32)	-	64	

* ( ) default number of interfaces   ** Within maximum number of trunks

System Capacity – KSUS or KSUSC

		1st KSU	2nd KSU	Total	System max
Trunks	CO	16	16	32	74
	BRI (ch)	8	-	8	
	E1/PRI, T1/PRI (ch)	30, 24/23	-	30, 24/23	
	SIP	64	16	74**	
Extensions	DKT	18 (2)	18 (2)	36	140
	SLT	38 (6)	38 (6)	76	
	IP EXT / IP DECT	64 (32***)	-	64	

* ( ) default number of interfaces   ** Within maximum number of trunks   *** no default IP EXT. for KSUSC

System Components

Item	Board	Description
KSU	KSUD	8 DKT and 4 SLT Interfaces Voice Mail (Default : 4 ch/2 hrs, Max : 16 ch/62 hrs) VOIP: built-in max 16ch (default 2ch). Expandable up to 74 with VOIB48 and 2nd KSU 32 IP EXT/MEX by default. Built-in UCS license for 2 advanced users Built-in ClickCall : 2 copies
	KSUS	2 DKT and 6 SLT Interfaces Voice Mail (Default : 4 ch/2 hrs, Max : 16 ch/62 hrs) VOIP: built-in max 16ch (default 2ch). Expandable up to 74 with VOIB48 and 2nd KSU 32 IP EXT/MEX by default. Built-in UCS license for 2 advanced users Built-in ClickCall : 2 copies
	KSUSC*	2 DKT and 6 SLT Interfaces Voice Mail (Default : 2 ch/2 hrs, Max : 16 ch/62 hrs)
Trunk Interface Boards	eMG100-COIU2	2 CO Line Interface Unit
	eMG100-COIU4	4 CO Line Interface Unit
	eMG100-BRIU1	1 BRI (2 ch) Interface Unit
	eMG100-BRIU2	2 BRI (4 ch) Interface Unit
	eMG100-BRIU4	4 BRI (8 ch) Interface Unit
	eMG100-PRIU	1 PRI/E1R2 or T1/PRI (30 or 24/23 channels) Interface Unit
Extension Interface Boards	eMG100-SLIB8	8 SLT Interface Board
	eMG100-SLIU8	8 SLT Interface Unit
	eMG100-DTIB8	8 DKT Interface Board
Function Boards	eMG100-VOIB48	48 VoIP Interface Board (default 8ch)
	eMG100-MEMU	Memory Expansion Module Unit for VM (15 hours expansion)
	eMG100-MEMU2	Memory Expansion Module Unit for VM (60 hours expansion)
	eMG100-MODU	Modem Unit
	eMG100-MISU	Miscellaneous Resource Unit (1 Ext MOH, 1 Ext Page, 3 Replays, 1 RS232, 1 USB**)
Accessory	eMG100-RMB	19" Rack Mounting Bracket
	eMG100-EXPCABLE	KSU Expansion Cable
	eMG100-BATTCABLE	External Battery Cable
	eMG100-KCC	KSU Cord Cover

* Available only in limited countries.
**Application of USB resource will be available from end of 2020.