

# Communication in Education

## Connecting Schools, Colleges and Higher Education

Ericsson-LG unified communications solution, iPECS-LIK brings together voice, messaging, video, and mobile and desktop applications to enable schools, colleges and universities to increase productivity, connect students, faculty, parents and the community and deliver a truly connected learning environment.

### Connected School

Ericsson-LG iPECS is the perfect solution for the education environment providing a solution that helps create a connected, efficient, safe and secure learning space.

- Simple access to key features such as voicemail ensuring your teaching staff are available to parents, colleagues and the community
- Provide automated announcements, school closure information and other important updates quickly and easily to incoming callers
- Ensure your staff are always available by providing access to school communications over any device from Smartphones, to laptops and DECT
- Fully integrated into the Oak Parent Connect application giving you the software platform to better manage school communication
- Reduce costs ensuring you utilise the latest technologies and secure the associated cost benefits

### Responsive to your needs

Select the iPECS-LIK call server that best fits your needs from 20 to 1,000 users. As your school grows and changes, the modular architecture lets you expand and change your iPECS-LIK by adding new modules to your network.

### Minimizing TCO

iPECS-LIK employs IP to let you deploy a single network infrastructure and modular components to lower your CAPEX. Managing a single infrastructure, employing modular components to expand your system, simple implementation for remote sites and mobile workers, enhanced productivity applications and advanced network management services all allow your business to lower your OPEX.

### Distributed architecture

Using IP as the core switching architecture, the iPECS-LIK call server, modular gateways and terminals connect over your LAN to implement a single voice and data network. iPECS-LIK distributed architecture provides robust survivability capabilities to alleviate potential network and power outages without adding over-head costs.

### Native remote solution

Thanks to the native IP structure, you can deploy iPECS-LIK with remote sites and mobile employees. Branch sites and traveling faculty connect to the central site anywhere there is an IP network. With iPECS-LIK, there is no need for any employee or office to be stranded on a communications island.

### Application platform

Choose from a variety of 3rd party developer applications from Ericsson-LG partners including Oak Parent Connect. Or, select from a host of business ready applications directly from Ericsson-LG including, soft-phones, mobile client, PC Attendant, Network Management, Unified Communications, Unified Messaging and more.

Ericsson-LG iPECS-LIK IP communication solution is designed to meet the needs of the education sector, specifically designed for 20 to 1,000 users.



## Distributed architecture

- Remote device connection Gateway : IP phone, DECT
- Toll by pass with system LCR : Automatic routing using remote trunk
- System networking up to 250
- Modular type gateway : PRI, BRI, Analog CO, IP trunk, SLT, DKT, DECT MCIM, VMIM, RSGM
- Flexible mounting options : 19" rack mounting, Wall mounting, Desk top mounting

## Centralized management

- Built-in system web admin : Call Servers include built-in web server
- Easy to use GUI : Full feature and all device access
- Multiple level ID management : User / Administration / Maintenance ID, Editable access control per each level of user ID
- Zone base device management : Logical device grouping
- Station user admin : Web admin for station configuration

## Session Initiation Protocol (SIP)

- SIP trunk interface : Interoperable with major soft switches
- SIP extension for 3rd party SIP phones (with license) : Basic call, Hold, Transfer, 3 way conference
- SIP VM / UMS with license for server / client

## Survivability

- System redundancy : Active & Standby call server duplication
- Local survivability : Survivable with LIK and CM, WAN failure back up, Central mode & local mode
- Power redundancy : Cabinet based PSU back up

## Voicemail

- Virtual extensions enabling multiple teachers to share a single staffroom handset and see message waiting status
- Voicemail to email integration to help teachers access voicemail on their smartphone or laptop
- Voicemail call routing helping provide options for calls to be routed based on parent needs

## Conference

- Multi party voice conference up to 32 parties with MCIM
- Virtual conference room, Conference group call, Ad hoc conference

## Powerful system functions

- Built-in ACD, Fixed line SMS, Hot desking, Individual call routing, Automatic call recording
- Incoming Caller ID base call routing, T.38, Built-in voice mail, Multi language Auto Attendant, Email notification of VM and more

## Mobility

- Full feature system DECT
- Wireless IP Phone : Proprietary system terminal
- Mobile extension : Mobile phone linked as a system extension, One number service
- Call park / Paging / Conference room service, Call recording, CLI call back, Delayed mobile extension
- iPECS Communicator App for smart phones running on Android and iOS extending the features of your iPECS phone onto your mobile

	MFIM50B	MFIM50A	MFIM100	MFIM300	MFIM600	MFIM1200
Max Channel No.	50	50	100	300	600	1200
Max Trunk Channel	42	42	42	200	400	600
Max Station Channel	50	50	70	300	600	1200
Local Survivability	Yes	Yes	Yes	Yes	Yes	Yes
System Redundancy	No	No	Yes	Yes	Yes	Yes
System Terminals	LIP-9000, 8000 & 7000, LDP-9000 & 7000, GDC-600BE, GDC-450H & 500H, WIT-400H & 400HE, ACT-50					
Applications	Phontage, UCS, NMS, UMS, ez-Attendant, IP Networking, 3rd party interfaces (TAPI, SMDR, SMDI, ACD, AIM , Micros Fidelio) iPECS Communicator, iPECS CCS, iPECS Attendant, iPECS IPCR, Attendant, SIP VM / UMS / IVR / Color ring / Call recording					
IP Security & QoS	IPSec, SRTP, TLS 1.0, SSL 3.0, 802.1p/q, IP TOS, DiffServe pre-tagging					

Choose the right device for your team from DECT, Smartphone, desk phone, laptop or conference phone.



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