ESI eSIP Evolution Series™
Premium Power, Performance and Security

The all-new **ESI eSIP Evolution Series™** delivers power, performance, flexibility and scalability for small to mid-sized enterprises up to 500 users. With a modular design that uses the very latest advanced standards-based technology, the eSIP Evolution Series is engineered for the communications needs of today, while "future-proofing" your investment with the ability to grow along with your organization in the future.

Easy to Deploy
The ESI eSIP Evolution Series will install into the most demanding business environments. Comprehensive auto-provisioning and advanced plug-and-play capabilities, combined with an intuitive Metro UI driven by point-and-click configuration, means faster installations to ensure your business communications can be up-and-running in very little time.

Premium Technology & Features
Users can take advantage of enterprise-grade features that help to improve productivity and efficiency by making routine tasks simple, such as: visual voice mail, dial-by-name directories, conferencing, advanced call handling, call recording, and more!

Power & Performance
The ESI eSIP Evolution Series utilizes the latest powerful technology advancements, including industrial-grade Quad Core processors, T1 DSP voice processors, and extended-life power units with lightning protection. This solution works with SIP/IAX2, PSTN lines, ISDN, T1/PRI, and GSM/3G/4G.

Secure & Reliable
Gain peace-of-mind with advanced fail-over/redundancy, built-in security, monitoring and reporting capabilities as standard. Additionally, the internal firewall/threat detection and support for TLS and SRTP encryption means that your communications remain secure from unexpected threats to your system.

Key Features & Benefits:

- Quick multi-site & remote connections
- Advanced call handling options
- Built-in call recording capability
- Conferencing & three-way calling
- Visual voice mail & Email to SMS

- Web-based management
- Powerful add-ons include: eMobile app for smartphones, auto-provisioning, LDAP, conference panel, VPN server, and more!

2019 INTERNET TELEPHONY PRODUCT OF THE YEAR

ESI eMobile™
on Android smartphone

Take Your Extension With You As You Travel

Whether you're traveling for business or personal reasons, your business doesn't stop operating just because you're away! Take the critical features of your business phone on the road with you by using the **ESI eMobile™** application for smartphones. Access voice mails, contact directories, and call recording features from wherever you may be, and always stay available to receive calls from your most valuable clients - even from the beach!

ESI Communicator™ (Desktop Call Control)

This PC-based desktop application provides an interface where users can access basic call control features such as Drag-and-Drop Transfers, Forward, Visual Park, Hold, Voicemail Access and more! Additional features include Monitor, Whisper, Barge, Agent Login, and Chat, plus the Extensions List shows presence status for every extension at your location.

ESI Access™ (Physical Access Control)

This is a great solution to keep your office facilities more secure, allowing entry/exit access via programmed RFID cards, the built-in dial pad, or both. Users can view detailed information, such as employee work hours and attendance history. Models supporting HD video integrate with the ESI ePhone X™ so users can see who is requesting access from any connected locations.

ESI Access™ AC30v Reader
& RFID Card

ESI eSIP Evolution Series™ Features:

- Application Server (extended features)
- Automated Attendant (IVR)
- Attended/Blind Transfer
- AutoCLIP
- Blacklist/Whitelist
- Call Back
- Call Detail Records (CDR)
- Call Forwarding
- Call Monitor
- Call Parking
- Call Pick-up

- Call Recording
- Call Routing
- Call Waiting
- Caller ID
- Conferencing
- Custom Prompts
- Dial by Name Directory
- DISA
- Distinctive Ringtones
- DNIS
- Do Not Disturb (DND)
- Event Center

- Email to SMS/SMS to Email
- Fax to Email
- Paging/Intercom
- LDAP
- Mobility Extension
- Multicast Paging
- Multi-language Support
- Music on Hold
- One Touch Recording
- Queues (ACD)
- PIN List
- Phone Auto-Provisioning

- Real-time Status Monitor
- Ring Groups
- SIP Forking
- SLA
- Speed Dial
- Time Conditions
- User Portal
- User Permissions
- VLAN Tagging
- Voice Mail

ESI ePhone Comparison Chart

	ePhone3	ePhone4x	ePhoneX/X-1	ePhone8
Release Date	Sept 2021	Dec 2021	Oct 2019	Jan 2021
Phone System	ESI eSIP Evolution and ESI eCloud PBX			
LCD	3.5" color	4.3" color	4.3" color; 2x3.5" side	7" color touchscreen
Programmable Feature Keys	Total: 45 (9 keys, 5 pages)	Total: 45 (9 keys, 5 pages)	Total: 106 Main display: 10 keys Side Panel: 32 keys, 3 pgs	112 (28 keys, 4 pages)
Lines	8	20	20	20
Phone Book	1000	1000	2000	2000
Call Log	600	1000	1000	1000
Camera	No	Yes[1]	Yes[1]	Yes[1]
Bluetooth	BT Dongle	BT Dongle	Built-In	Built-In
WiFi	No	WiFi Dongle	WiFi Dongle	Built-In
Power[2]	5V/2A or PoE			
Ethernet	10/100/1000			
USB[3]	Headset or BT Dongle	Headset, BT Dongle, WiFi Dongle, Thumb Drive[4]		Headset, e8 Camera, Thumb Drive[4]
Headset[6]	RJ9, Bluetooth, USB[5]			
EHS[7]	Yes			
Handset Hook	Movable	Movable	No	No
Hearing Aid Compatible	Yes			
Wall Mount	Yes	Yes	No	No
Stand Angle	45°, 60°	45°, 60°	40°, 50°	40°, 50°
HD Audio	HD and using OPUS audio codec			
Speaker	Full-Duplex on Handset Speaker and Speakerphone			
Background Image	Pixel: 480 x 320, Bit Dpt: 16; Fmt: BMP RGB565	Pixel:480 x 272 Bit Dpt: 24; Fmt: BMP True Color	Pixel:480 x 272 Bit Dpt: 24; Fmt: BMP True Color	Pixel:1024 x 600 Bit Dpt: 32; Fmt: BMP/JPG True Color. PNG 64 bit True Color
OS	Linux	Linux	Linux	Android 9
IPv6	Yes	Yes	Yes	Yes

[1] The e4x (2021), eX/X-1, and e8 can receive video from ESI Access Devices that contain cameras. The e8 can also create a 2-way video call when both e8s in the call have the separately-sold e8 camera. [2] Power Supplies are sold separately. PoE refers to using a PoE switch to provide power. Only one method is needed to supply power to the phone. [3] The USB slot only supports one accessory (dongle, headset, camera) at a time. [4] Although call recordings can be accessed elsewhere a user has the option to store them on an attached thumb drive. [5] The volume keys on a USB headset are not supported. Volume is controlled only via the phone. [6] The wired ESI headset can also be used on the following phones via the RJ9 connection: ESI 45SIP, ePhone7. [7] Electronic Hook Switch – Supported for ESI Bluetooth headsets and for Plantronics® headsets (Plantronics headsets require an APD-80 cable to support EHS). Also reference datasheets.