



ESI eSIP Evolution Series™

System Specifications Guide



Specifications:

	eSIP 20x	eSIP 50x	eSIP 200x	eSIP 500x
Users	20	50	100 (expands to 200) ¹	300 (expands to 500) ¹
Concurrent Calls	10	25	30 (expands to 60) ¹	60 (expands to 120) ^{1,2}
Max. Modules	2	4	8	12
Max. Analog Ports - 2FXO, 2FXS or FXOFXS modules	4	8	16	24
T1 / PRI	N/A	N/A	2 T1s/PRI	3 T1s / PRI
Voice Mail	83 hours ³	83 hours ³	166 hours ³	166 hours ³
Expandable Storage	MicroSD Card	SD Card	SD Card, USB	SD Card, USB & 2.5" SATA HDD
USB Port	N/A	N/A	1	1

Expansion Boards (can be used in any combination):

EXP04 - up to four modules (2FXO, 2FXS, FXOFXS)	N/A	N/A	2	3
EXPT1PRI - expansion board for one T1 / PRI	N/A	N/A		

Modules:

Supports up to 2⁴

Supports up to 4⁴

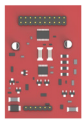

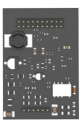



Supports up to 8⁴

Supports up to 12⁴

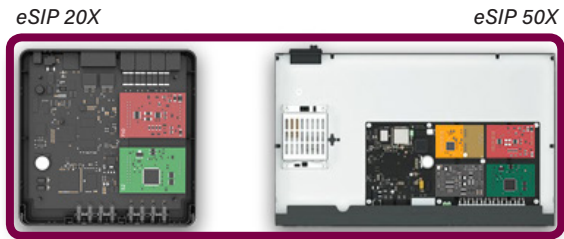
	Supports up to 2 ⁴	Supports up to 4 ⁴	Supports up to 8 ⁴	Supports up to 12 ⁴
2FXO - two FXO Analog Trunk Ports	Yes	Yes	Yes	Yes
2FXS - two FXS Analog Station Ports	Yes	Yes	Yes	Yes
FXOFXS - one FXO Analog Trunk / one FXS Analog Station / Power Failure	Yes	Yes	Yes	Yes
EXP100 ⁵ - increases capabilities by 100 users & 30 concurrent calls	N/A	N/A	1	2

Notes:

1. To increase the number of Users and Concurrent Calls, an EXP100 module is needed. **2.** If automatic call recording is enabled, the max concurrent calls will be 90. **3.** The hours are expandable with MicroSD/SD cards, USB, or network storage. **4.** These are the number of modules that the system will support. The configuration will dictate how to mix and match the modules. **5.** This module is required for the 200x & 500x to reach their full capacity.

Modules Types:	2FXO Module	2FXS Module	FXOFXS Module	EXP100 Module	EXP04: Expansion Board - 2FXO, 2FXS, FXOFXS	EXPT1PRI: Expansion Board - T1/PRI
Module Images						
Ports	2 FXO	2 FXS	1 FXO, 1 FXS	N/A	8	1
eSIP 20x	Yes	Yes	Yes	N/A	N/A	N/A
eSIP 50x	Yes	Yes	Yes	N/A	N/A	N/A
eSIP 200x	Yes	Yes	Yes	Max. 1	Max. 2	Max. 2
eSIP 500x	Yes	Yes	Yes	Max. 2	Max. 3	Max. 3

Common Configurations for Modules/Boards:



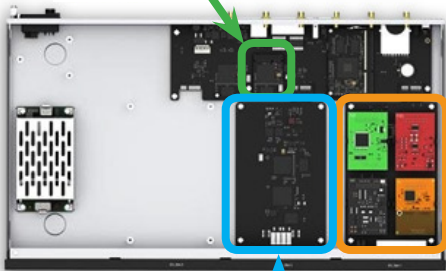
The 20x supports 2 modules (2FXO, 2FXS, FXOFXS) and the 50x supports 4 modules.



EXP100:

Increases Users by 100 & Concurrent Calls by 30. Maximum of 200 users and 60 concurrent calls on the 200x, and a maximum of 500 users and 120 concurrent calls on the 500x.

eSIP 200X



The 200x has two (2) expansion slots that can be used in any combination of Expansion Boards.



EXPT1PRI:

Expansion Board for T1/PRI. (Maximum of 2 EXPT1PRI boards on the 200x, and a maximum of 3 boards on the 500x)

eSIP 500X



The 500x has three (3) expansion slots that can be used in any combination of Expansion Boards.

EXP04:

Expansion Board for 2FXO, 2FXS & FXOFXS modules. (Maximum of 2 EXP04 boards on the 200x, and a maximum of 3 boards on the 500x)



Feature Comparison Chart: ESI eSIP Evolution Series vs. ESI IP Server 900™

Features	eSIP Series	IP Server 900™
ACD / Call Queue	Y	Y
Active-Active and Active-Standby Failover/Redundancy	Y	N
Attended Transfer	Y	Y
Auto CLIP	Y	N
BLF Support	Y	Y
Blind Transfer	Y	Y
Call Detail Records	Y	Y
Call Forwarding	Y	Y
Call Monitor (Service Observe)	Y	Y
Call Parking	Y	N
Call Pickup	Y	Y
Call Routing	Y	Y
Call Waiting	Y	Y
Caller ID	Y	Y
Conference (Ad Hoc)	Y	Y
Conference Bridge	Y	Y
Define Business Hours (Time Conditions)	Y	Y
DHCP Server (Internal)	Y	N
Dial By Name Directory	Y	Y
Direct Inward System Access (DISA)	Y	N
Distinctive Ringing	Y	N
DNIS/DID's	Y	Y
Do Not Disturb	Y	Y
Emergency Notification	Y	N
ESI ePhone Interoperability	Y	N
Event Center	Y	N
Fax To Email (Automatic Detection)	Y	N

Features (cont'd)	eSIP Series	IP Server 900™
Firewall/Threat Detection (Internal)	Y	N
Follow Me	Y	Y
Interactive Voice Response (IVR) / Auto Attendant	Y	Y
Intercom/Zone Intercom	Y	Y
IP Blacklist	Y	N
LDAP (Internal Server)	Y	N
Mobile Client	Y	Y
Multi-lingual Support (Universal And Per-User)	Y	N
Music On Hold	Y	Y
Paging/Zone Paging	Y	Y
Multicast Paging	Y	Y
Real-time Status Monitor	Y	N
Recording	Y	Y
Ring Groups	Y	N
SIP Phone Auto Provisioning	Y	N
Speed Dial	Y	Y
Tenanting	N	Y
Three-way Calling	Y	Y
User PIN/Account Codes	Y	Y
User Portal	Y	N
User Privileges (COS)	Y	N
VLAN Tagging	Y	N
Voicemail	Y	Y
Voicemail To Email	Y	Y
VPN Client	Y	N
VPN Server (Internal)	Y	N
Web-based Management (Admin)	Y	Y