



ESI eSIP TITAN Series™

Premium Power, Performance and Security



The all-new **ESI eSIP TITAN Series™** delivers power, performance, flexibility and scalability to medium to large organizations up to 2,000 users. While engineered to meet the demanding communications needs of today, this system also “future-proofs” your investment with the ability to grow over time. With the same beloved features as the Evolution Series, the eSIP TITAN Series provides the critical productivity tools your business relies on every day.

Easy to Deploy

The ESI eSIP TITAN 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!

Key Features & Benefits:

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

Power & Performance

The ESI eSIP TITAN 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 pure IP telephone system can easily add VoIP Gateways for FXS, FXO, GSM, WCDMA, and ISDN T1/PRI ports.

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.

- Web-based management
- Works with the ESI ePhone3™, ESI ePhone4x™, and ESI ePhoneX™ business phones, as well as ESI Advanced Applications like Call Accounting Pro, QueueMetrics, Click-to-Call, and more!

	T1 (TITAN 1000)	T2 (TITAN 2000)
Users	1,000	2,000
Max. Concurrent Calls	200	500
VoIP Trunks	400 (Add VoIP Gateways for FXO/T1/PRI)	
Protocol	SIP (RFC3261), IAX2	
Transport Protocol	UDP, TCP, TLS, SRTP	
Voice Codec	G711 (alaw/ulaw), G722, G726, G729A, GSM, Speex, ADPCM, iLBC	
Video Codec	H263, H263P, H264, MPEG4	
DTMF	In-band, RFC4733, RFC2833, SIP INFO	
LAN	1 x 10/100/1000 Mbps	
WAN	1 x 10/100/1000 Mbps	
IP Services	Static IP, DHCP, VPN, Firewall, DDNS, PPPoE, QoS, Static NAT, STUN	
Voicemail	40,000 min (expandable)	
Firewall	Yes	
T.38 Fax	Yes	
Hot Standby	Yes	
Applications	ESI eMobile™ Client, Auto Provisioning, LDAP Server, Conference Panel, Installation Wizard	
Hard Disk	3.5" HDD, 1TB or more	

	T1 (TITAN 1000)	T2 (TITAN 2000)
Recommended Server	Dell EMC PowerEdge R240	
CPU	Intel(R) Xeon(R) CPU E-2124 Cores: 4 Threads: 4 CPU Frequency: 3.4 GHz	Intel(R) Xeon(R) CPU E-2144G Cores: 4 Threads: 8 CPU Frequency: 3.6 GHz
RAM	8 GB	
Hard Disk (Call Recording Disabled)	50 GB	
Hard Disk (Call Recording Enabled)	1 TB	
Form Factor	1U Rack-mount	

Supported VM Platforms
VMWARE 12.0 (or later)
HYPER-V-6.3.9600.16384 (or later)
KVM 2.5.0 (or later)

ESI eSIP Evolution/TITAN 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