Analog-to-SIP Gateways
Meet All Your Business Needs

Cost-Effective VoIP Gateway

The MG24/MG48 multipurpose enterprise-class analog to SIP VoIP gateways enhance IP phone system coverage of legacy analog phones, making it easy to integrate legacy phones into the Zultys Unified Communications solution. The MG24/MG48 are an ideal solution for small to medium businesses, enterprises and organizations with multifloor offices and distributed facilities that need to extend the number of analog stations being served by their Zultys MX250 IP phone system.

Extend Coverage of Your Analog Network

The MG24/MG48 multipurpose analog to SIP gateways are designed with the needs of the SMB and SME in mind. They convert the format of a phone call to allow it to pass between the SIP network and the public switched telephone network, and allow an organization to bring their analog phones fully into their Unified Communications environment to enable Presence, Status and other service features in the Zultys MXIE™ Unified Communications client that make it easier to contact others in the company.

The MG24/MG48 have two standard configurations:

- **MG24/S** with 24 analog FXS ports
- **MG48/S** with 48 analog FXS ports

They offer high quality voice, and supports major functions such as, voice codec (G.711, G.729A), dynamic jitter buffer, echo cancellation and fax.

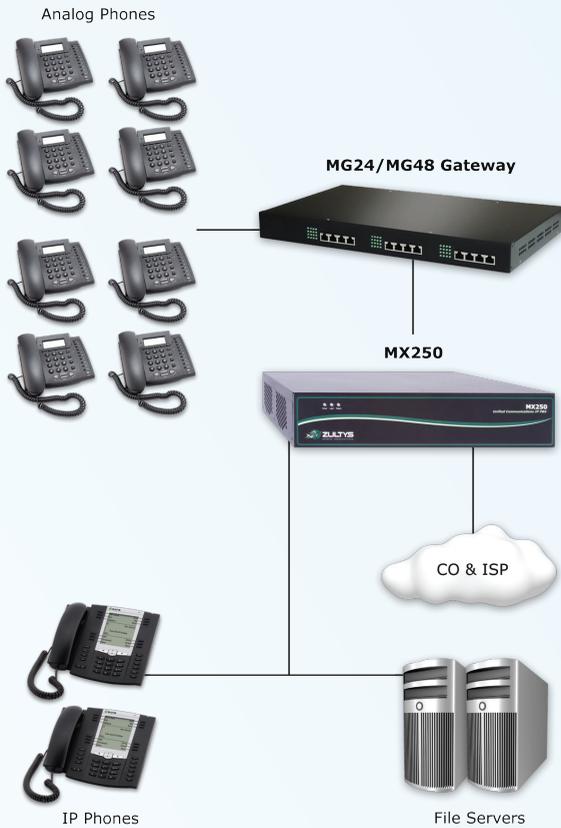## Designed for SIP and Open Standards

The MG24/MG48, built on Linux, are designed as a SIP VoIP Open Standards platforms and support a variety of voice application environments and supplementary services to the Zultys IP phone system products, including auto dialing, caller ID, do not disturb and more.

Key Features

- Analog to SIP gateways

- Seamless configuration for 24 FXS or 48 FXS analog ports

- High voice quality

- Echo cancellation

- Support voice compression (G.711, G729A)

- Fax support

- Enhanced features include auto dialing, caller ID, do not disturb, and much more

MG24/MG48 VOIP Gateway

Analog to SIP Connectivity

Analog Phones

MG24/MG48 Gateway

MX250

CO & ISP

IP Phones

File Servers

System Specifications	
Key features	
Configuration	24 or 48 FXS Extension ports
Voice Processing	Voice Codec: G.711, G.729A, Echo cancellation: G.168; Dynamic Jitter buffer; Voice Activity Detector (VAD)
Calling Control	Caller ID; Call Forwarding; Call Transfer; Call Forking; Hotline; CRBT; Do Not Disturb; Speed Dialing; Busy Tone Detection
Signalling	
VoIP Protocol	SIP
DTMF	DTMF Digits Transmit: RFC2833
Other Features	
Call Handling	Configurable dialing plan, up to 500 routing rules
Support Primary and Backup IP Phone System	The gateway can be configured and controlled by multiple IP phone systems
Hardware & Physical Environment	
Maxiumum User Line Length	1500 meters (4921ft)
Ringer Equivalence Value	5 REN
System Memory	64MB, 8MB Flash Memory
Connectors	RJ-45
Input Voltage & Power Needs	100~240 AC: 50-60Hz; 1A (MAX)
Dimensions	440mm W (17.3") x 260mm D (17.3") x 44mm H (1.7")
Weight	3 kg (15.4lb); gross weight: 4kg (8.8lb)
Operation Humidity	10% to 90%, non-condensing
Operating Temperature	0° to 40° C

Easily integrate legacy phones into the Zultys Unified Communications solution