

Analog-to-SIP Gateways Meet All Your Business Needs



Cost-Effective VoIP Gateways

The MG4/MG8 are enterprise-class analog-to-SIP gateways that enhance IP phone system coverage of legacy analog phones, making it easy to integrate legacy phones into the Zultys Unified Communications solution. The MG4/MG8 are an ideal solution for businesses and organizations (such as retail, education and health care) that need to expand their analog trunks or extend the number of analog stations being served by their Zultys MX30 or MX250 IP phone systems.

Extend Coverage of Your Analog Network

The MG4/MG8 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 $MXIE^{\text{\tiny TM}}$ Unified Communications client that make it easier to contact others in the company.

The MG4/MG8 offer rich features, high quality voice, and support major functions such as voice codec (G.711, G.729A) and echo cancellation. They also provides fax support over the analog FXO ports, and via the Zultys IP phone system. The MG4/MG8 have five standard configurations:

- MG4/S with 4 FXS ports
- MG8/S with 8 FXS ports
- MG4/O with 4 FXO ports
- MG8/O with 8 FXO ports
- MG8/SO with 4 FXS/4 FXO ports

Designed for SIP and Open Standards

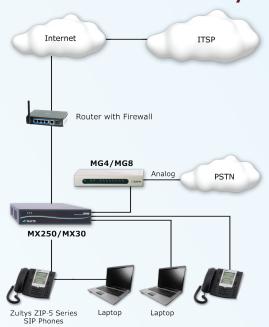
The MG4/MG8, built on Linux, are designed as SIP Open Standards platforms and support a variety of voice application environments and supplementary services to the Zultys IP phone system products, including auto dialing, caller ID, do not disturb and more.

Key Features

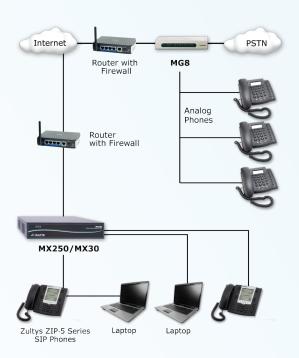
- Analog to SIP gateways support for analog telephones (FXS) and trunk lines (FXO)
- Seamless configuration for 4 FXO or 8 FXO, 4 FXS or 8 FXS, or 4 FXO & 4 FXS ports
- High voice quality
- Echo cancellation
- Support voice compression (G.711, G729A)
- Fax support
- Enhanced features include auto dialing, caller ID, do not disturb and more



SIP to PSTN Connectivity



Non Co-resident Office Implementation



Configuration 4 or 8 FXS analog ports; 4 or 8 FXO analog ports, mixed 4FXS/FXO analog ports Voice Processing Voice Codec: G.711, G.729A Echo cancellation: G.168; Tail Length: 8/16/32 milliseconds Dynamic Jitter buffer; Voice Activity Detector (VAD); and Comfort Noise Generator (CNG) Called/Calling Number Mapping; Line Hunting Signalling VoIP Protocol DTMF DTMF DIMF Digits Transmit: RFC2833, INFO (SIP) Other Features FXO Bypass Line A bypass FXO line is selected during a network failure* Auto Dial DTMF mode Support Primary and Backup IP Phone System Hardware & Physical Environment Maxiumum User Line Length Ringer Equivalence Number System Memory Connectors FXO: RJ-11, Ethernet: RJ-45, 10/100 Base-T, 10/100 Auto Sensing Input Voltage & Power Needs 5 V/3A DC, 15 Watt (Max) Dimensions 195mm W (7.7") x 118mm D (4.6") x 24mm H (.95")		
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24mm H (.95") Weight 0.65kg (1.4lb) Operation Humidity 10% to 90%, non-condensing	Input Voltage & Power Needs	5V/3A DC, 15 Watt (Max)
Operation Humidity 10% to 90%, non-condensing	Dimensions	
	Weight	0.65kg (1.4lb)
Operating Temperature 0° to 45° C	Operation Humidity	10% to 90%, non-condensing
	Operating Temperature	0° to 45° C

^{*}Where applicable.

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