

# Alert Gateway



## EzSMS

### EzSMS, Email to SMS Alert Gateway

EzSMS is a simple and reliable gateway for retrieving emails, and sending them out in the form of SMS messages to pre-configured users' mobile phones. Only the subject and the main message body will be sent out to intended recipient.

The setup is very simple. In order for the gateway to function there must be an email server that it can connect to, preferably a private email server residing in the same LAN. This email server will hold the email accounts of those users that require emails to be converted into SMS. Then the gateway will monitor those email accounts periodically. Whenever there are any new emails arriving into the mailbox, the gateway will retrieve those new emails from the email server and send them out as SMS to alert its users via its embedded GSM modem.



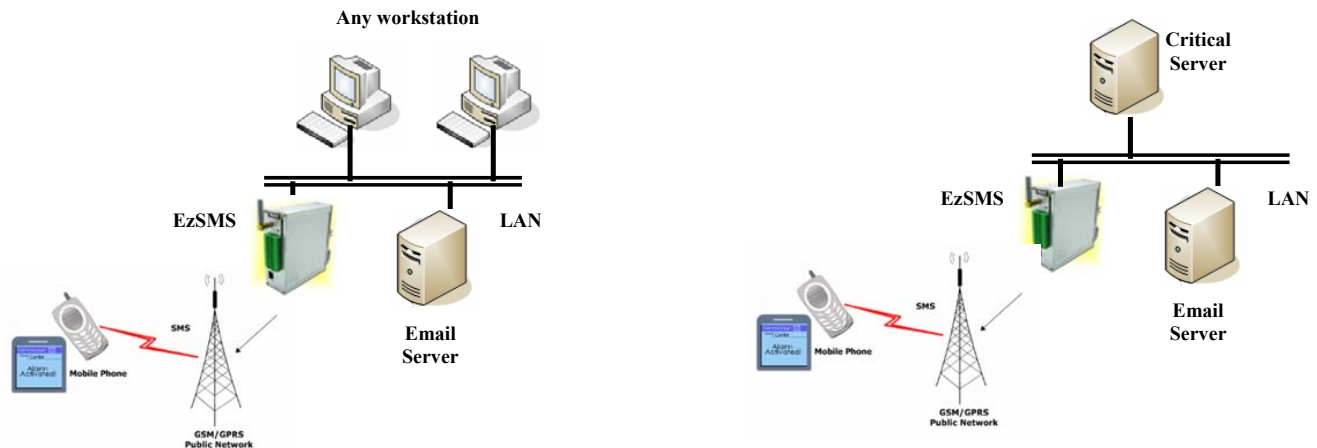
This EzSMS Alert Gateway can be used in conjunction with fault detection system that can only issue emails whenever any fault is detected. As such, the short fault message can be pre-defined as the subject title and only the detail information is recorded in the message body. In this manner, the gateway can send out the message more effectively and the service technician can be alerted immediately.

No complicated configuration is required and a software program will be provided for configuring the gateway. Simple setup is needed to register the users email addresses, TCP/IP address and users mobile phone numbers. EzSMS is available in two versions, i.e. 50 or 100 users.

### Features

- It can monitor up to 50/100 email accounts.
- Each email account can only have one mobile phone number.
- Low cost yet reliable
- User-friendly interface
- High speed email-SMS converter
- Easy to setup and configure
- Din rail mount or desk mount
- User configurable IP address
- Able to SMS the email text up to 450 characters
- No extraneous load on Server

### Applications



# Specifications

## Communication Interface

- Serial Port: RS232, screw terminal
- Ethernet Port: 10Base-T, RJ45 connector

## Environment :

- Operating Temperature: 10°C – 50°C
- Operation Humidity: 5% – 90% , Non-condensing

## Power Supply :

- Supply Voltage: 10V to 30VDC
- Current drawn: 180mA (max)
- Power consumption: 1.2 W at 12Vdc
- Connection: Screw terminal

## GSM Standard :

- Antenna gain: 2.15dBi (JW-X-003) / 3dBi
- Bandwidth: Tri-band  
GSM900/DCS1800/PCS1900 MHz

## General Information :

- Size:130mm x 40mm x 120mm (D X W X H)
- Weight: 460g
- Diagnostic LEDs:
  - GSM Modem signal
  - Ethernet: network activity
- Installation Method: 35mm Din-Rail, desk mounts

\* Specifications subject to change without notice (Ver 1.0)

## Order Information

Model	Description
EzSMS	Email to SMS Alert Gateway(embedded with GSM Modem)