E-MICRO/1W: How to send SMS Alert Messages without using a USB modem and SIM Card

To send an SMS text message alert to a phone without the need of a modular SIM card, send the message as an email to an SMS or MMS Email address. The email will be converted to and sent as a text message without the additional cost.

An Email message can be a maximum of 160 characters when it is converted to an SMS text message, whereas an MMS Email message can be in excess of 400 characters and can have photos attached to the message.

Cellular service providers have different SMS/MMS Email address formats for email to text conversion. For example, the SMS address for Verizon Wireless is tendigitphonenumber@vtext.com, and their MMS address is tendigitphonenumber@vzwpix.com. Format an email address using the phone number of each user that will receive the SMS/MMS message alert. Email addresses for cellular providers can be found online.

Enter the recipients’ email address in the ENVIROMUX web server under Administration > User Settings > Contact Settings > Email Address. Be sure to put a checkmark in to enable “E-mail Alerts”.

Additional information:
- **Groups**
  - **E-mail Alerts**: User receives alerts via e-mail
  - **E-mail Address**: Email address for the user
  - **E-mail Datalog**: User receives data log via e-mail
  - **Datalog Email Frequency**: 30 Min
  - **Syslog Alerts**: User receives alerts via syslog
  - **SNMP Traps**: User receives alerts via SNMP traps
  - **Syslog/SNMP IP Address**: IP address where syslog messages/SNMP traps are sent for this user
  - **Authentication Protocol**: Select authentication protocol.
  - **Authentication Passphrase**: The authentication passphrase
  - **Privacy Protocol**: Select privacy protocol.
  - **Privacy Passphrase**: The privacy passphrase
  - **Syslog Facility**: Local0
  - **Syslog Facility to send Syslog messages**: Local0
  - **SMS Alerts**: User receives alerts via SMS
  - **SMS Number**: Phone number where SMS messages are sent for this user
  - **Remote Datalog**: User receives data log via syslog
Users will only receive the SMS/MMS Email alerts from sensors that have email alerts enabled, since the email to SMS/MMS text message alert is sent from the ENVIROMUX as an email.

Make sure all sensors within the group the user receives notifications for have email alerts enabled. To enable an alert, select to edit a sensor. Then, select “Alert Settings” > Enable Email Alerts.