

# CDI MeterGrapher – Warning Messages

- Messages to a phone of your choice
- Sent when values change:
  - Number of meters out of limits
  - Number of meters not returning data
- Audible warnings from the computer

Start logging and walk away! MeterGrapher will send a message to your phone, and give an audible warning from the PC, when these things change.

## DESCRIPTION

MeterGrapher logs values from meters, and the user may set upper and lower limits. The software gives visual displays that highlight occurrences of meters not returning data, or returning values that are outside the user's set limits. However, the user may not be looking at the screen – may not even be in the room!

Notice of these events can now be sent to your mobile. Here is a typical message:  
*Meters out of limits up to 3*

At the same time an audible warning is given from the computer.

This is enough information for the user to decide whether to go and look at MeterGrapher to diagnose the problem, or wait and see what the next message brings.

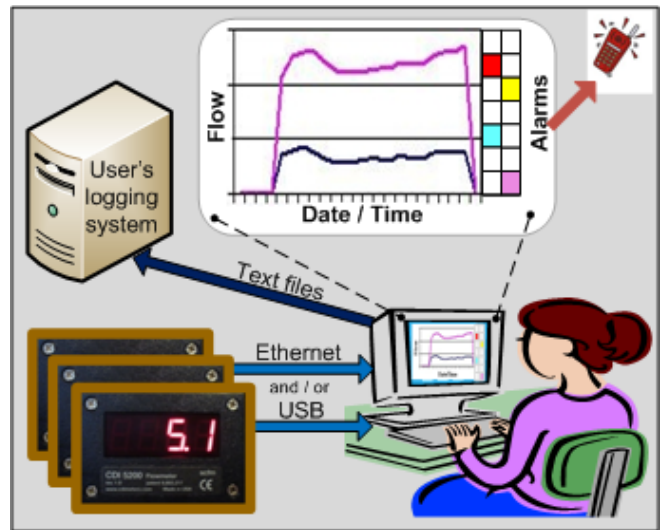
## HOW IT WORKS

MeterGrapher is linked to an SMS Gateway (BulkSMS.com). This takes messages passed over the Internet and sends them on to designated phone numbers. There are no set-up fees or contracts – a user registers and buys credits, and these are consumed when messages are sent.

On installation the software uses a CDI Meters account to send the messages, so initially users do not need to register, and the service is free. All the user has to do is go to the MeterGrapher Warning Messages screen, enter the number to which messages should be sent, and test the link.

Each user is allocated a number of credits (enough to gauge the value of the feature), and when these run out users can register with the service (getting back a User ID and Password) and purchase credits. Price depends on the number of credits bought, but generally it's less than 0.05 USD per message.

Users would then enter into MeterGrapher their User ID and Password. MeterGrapher will send messages as required – as long as the User has credit in the account. This can be checked at the Gateway supplier's web site.



## FUTURE DEVELOPMENTS

At present:

- Only our designated SMS Gateway can be used
- Only one phone number can be specified
- Changes in numbers of meters not responding, or out of limits, and meter logging starts / stops are the only features reported.

These limitations, and other features, may be changed in response to requests from users.

