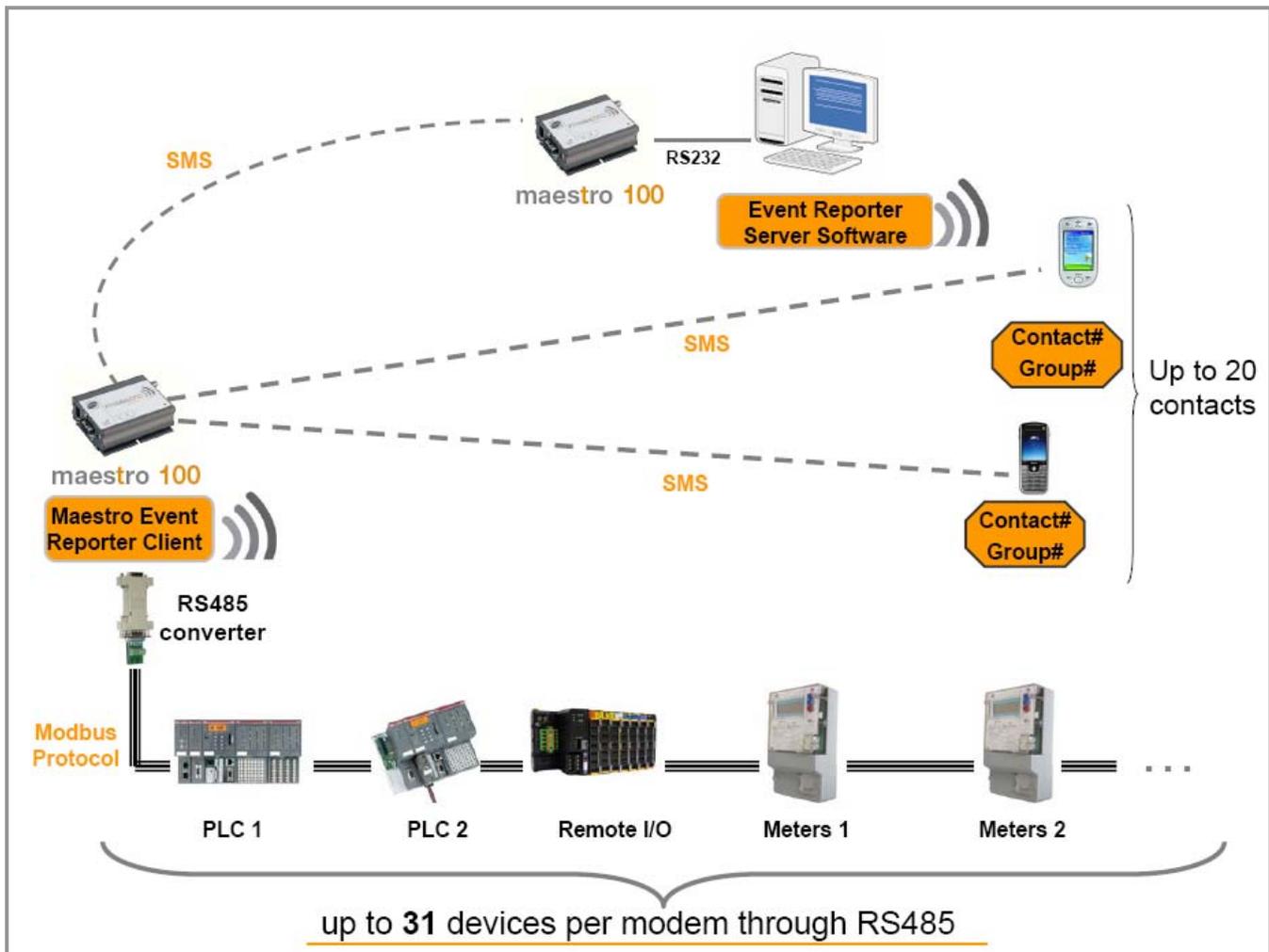


## OVERVIEW:

Maestro Event Reporter is an user friendly embedded application designed specifically for the reporting events of unattended facilities through the use of the popular GSM wireless technology and low-cost SMS messages.

Maestro Event Reporter allows the maintenance team to manage multiple facilities efficiently without having to access this site in person unless there is a critical alarm or during regularly scheduled maintenance.

The historical data collected by maestro Event Reporter Server also allows the team to have a better understanding of the site's operations and improve the facility's overall performance.





## **HOW IT WORKS:**

- Configuration of **maestro Event Reporter Client** embedded in maestro 100: general settings, identification of devices and parameters from devices, alarm values for all parameters, registration of up to 20 mobile phone numbers. A group of contact numbers is assigned to each parameter.
- The modem connected to devices acts as a MODBUS master. When a threshold is reached on any parameters, an alarm SMS is immediately sent out to the predefined mobile phones, alerting the dedicated technicians on the nature of problem.
- Configuration data can be changed with the PC-based software **maestro Event Reporter Server**, which also allows the recording of all events and the management of an alarm table.

## **FEATURES:**

- Integrated with **MODBUS capability**, the **maestro Event Reporter** can retrieve data from MODBUS Devices such as Digital Power Meters, PLCs and I/O devices via the Industry Standard Modbus RTU protocol and relay the information to the maintenance team.
- The **information** contained in the SMS will then be **stored in the Server's SQL database** for **analysis** and further dissemination to the maintenance team if necessary.
- Possibility to connect up to 31 devices through RS485
- Three solutions according to the number of parameters to be handled:
  - Elementary: up to 32 parameters per modem
  - Advanced : up to 64 parameters per modem
  - Enterprise : up to 96 parameters per modem



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## **ADVANTAGES AND BENEFITS:**

### ■ **Cost Effective**

The **SMS server** requires **no dedicated PC hardware and software** for an on-site monitoring system, which means that no additional personnel are needed for supporting this system. As a result, the **total cost of ownership** is significantly **reduced**. The **Maestro Event Reporter** sends SMS directly to the maintenance personnel's mobile phone to alert them of any anomaly requiring immediate attention. Therefore, the resources can be dedicated to providing maintenance service instead of having their precious time spent on maintaining an on-site monitoring system.

### ■ **Accurate, Secure & Traceable**

The **SMS messages** are sent to the recipient's mobile phone and stored in the database of the **maestro Event Reporter Server**. Essential data are time & date of the message, staff ID and equipment status or alarms.