MANIOLA
smart sensing
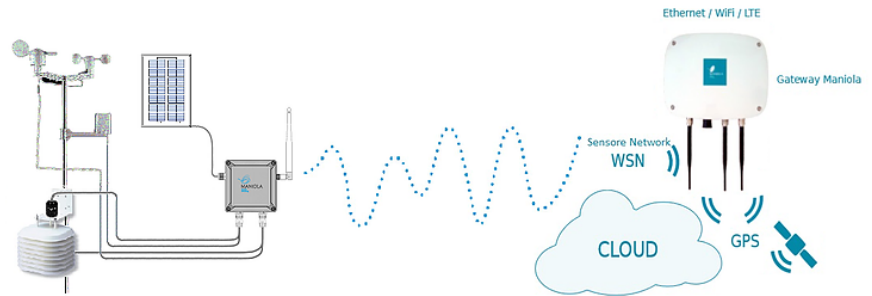*Observe - know - take action*

METEO MOTE
Monitoring of Weather Parameters

METEO MOTE, is a software and hardware system of Maniola Smart Sensig, able to monitor climatic variations that can lead a decrease in production
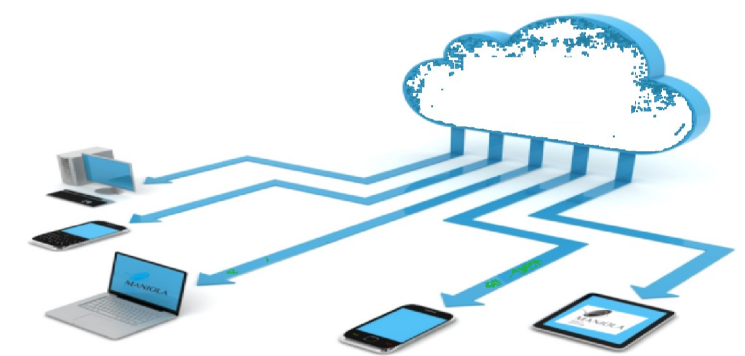

METEO MOTE

It's a WSN application for production managment, web based, which allows the creation of a centralized archive for the monitoring of weather parameters.

METEO MOTE is able to monitor temperature, relative Humidity, atmospheric pressure, rainfall and dew point (frost).

METEO MOTE allows to obtain the optimal conditions for crops trough the analysis of the parameters detected.

Through any device connected to the internet, it will be possible to carry-out analyzes and reports on the entire plot of land.

TARGETS :

- monitoring weather variations

- Get informazion on crops

- optimize production

- monitoring rainfall

- informations on Dew Point.

… and much more

METEO MOTE is WSN

METEO MOTE, is WSN (Wireless Sensor Network) system, which it's a wirless network, equipped with distribuited equipped with distributed sensors capable of detecting physical phenomena or monitoring environmental conditions. The network consists of a set of sensor nodes installed in the field, which communicate with a gateway, to which they transmit the data.

GATEWAY is the network access port and has the task of monitoring and storing data in real time from any device (computer, smartphone, tablet).
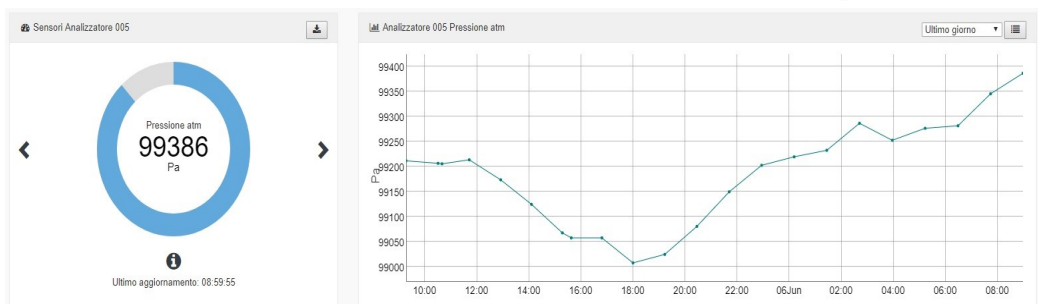

SOFTWARE METEO MOTE

IL SOFTWARE is located on the Cloud. You can access in your private zone with a password.

It will be possible to login as:

- MANAGER
- MAINTENANCE
- VIEWER

It will be possible to monitor through the system information on weather parameters, and calculate the dew point.

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Business Proposal

- Devices to be installed in field

- Control Unit (Gateway)

- Purchase Hardware

- Purchase of the control units

- Annual Fee for software managment

- Free software update

TELEPHONE
0039.335.6294890

TELEPHONE
0039.089.46.46.21

info@maniola.net

PARTNER
ZUCCHETTI
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