



# OCEANOGRAPHIC SOFTWARE

MSM offers an Oceanographic Software package designed for the communication between the PC computer and remote data acquisition stations, and the management, processing and display of information coming from those stations. Data can be either meteorologic, oceanographic and/or environmental. This package runs under Windows (Xp, W7, W8) environment and consists of two main applications:

**DATA RECEPTION & CONTROL SOFTWARE:** Communication tool for requesting and downloading data from stations to the PC computer, and sending of commands: time setting, change of operating parameters, etc.

**DATA CONSULTING AND MANAGEMENT SOFTWARE:** Application for consulting and managing of data received from stations and stored in the PC computer by means of the previous data reception application.

## TYPES

### DATA RECEPTION SOFTWARE

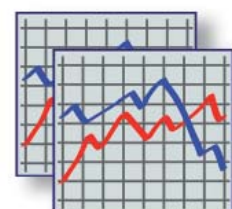
- ✓ Integrates all the data request commands done to the stations, whether instantaneous values or data saved in memory, as well as date and time synchronisation with the PC computer or the change of the storing period.
- ✓ The application can also program the automatic execution of commands, by specifying start time, time intervals between successive executions and number of retries in case of communication failure.

### DATA CONSULTING AND MANAGEMENT SOFTWARE

- ✓ Provides a large number of data management possibilities. Enquiries can be made by using simple interpretation tables or elaborated graphs providing an intuitive analysis of data collected stored.
- ✓ Graphs include the possibility of zooms, as well as the representation of various parameters overlapped or stacked, and an advanced menu with multiple graphic capabilities (colours, axis, tracing properties, etc.). Both table and graph formats can be printed.



**DATA RECEPTION SOFTWARE**



**DATA CONSULTING AND MANAGEMENT SOFTWARE**

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Specifications subject to change without previous notice.

## Specifications

Application under Windows environment, integrated in the Oceanographic Software package, for data request and downloading.

Possibility to schedule commands to be automatically executed.

Record of all events.

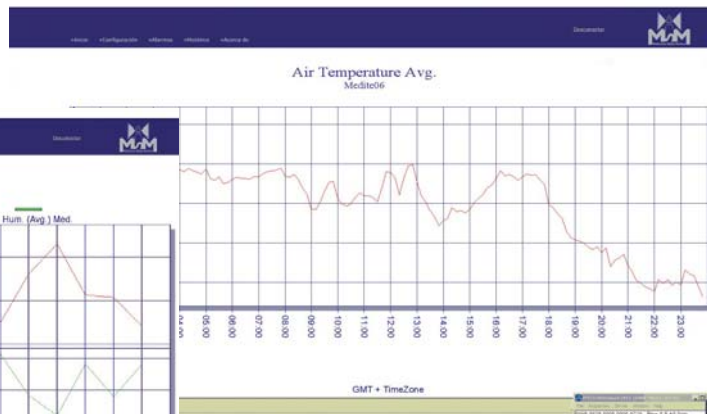
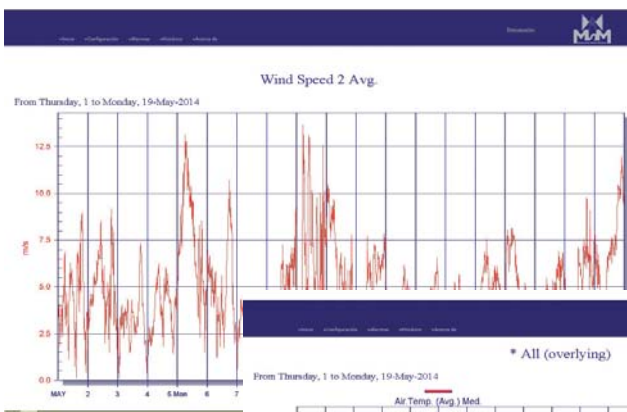
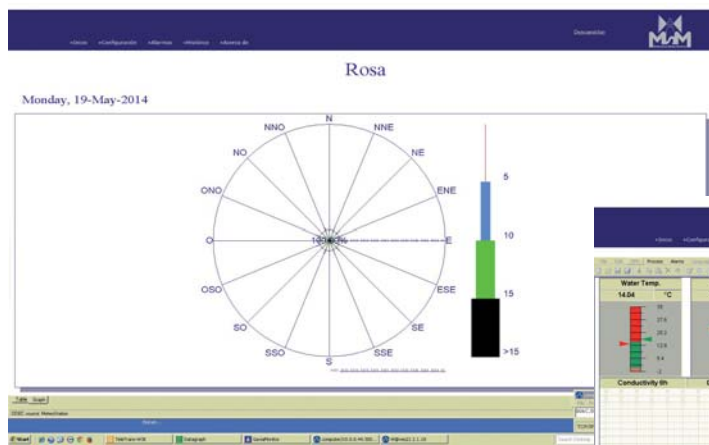
Data storage in a Microsoft Access database or SQL server, to be used as a data consulting and storing tool.

A consulting and configuration screen for each remote station.

Several types of data consulting:

- Daily data.
- Several-days data.
- Comparison report between stations

Possibility to compare data from a single station or from different ones.



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