

## SYSTEMS ANALYSIS - MONITORING - ELECTRONIC - REMOTE CONTROL

**M2M Engineering** designs, develops and manufactures systems for analysis, monitoring, control and remote control of systems, biological systems, complex equipment, scientific and industrial installations, in particular in the following areas:

- algal cultures and biological systems and laboratory systems in massive industrial
- chemical and physical properties of microalgae cultures in general and Biological Systems
- chemical and physical parameters on gas-controlled photobioreactor
- Monitoring, injection, mixing and control of gases and gas mixtures generic
- Environmental Monitoring parameters
- Measurement parameters gases: Air, Carbon Dioxide CO<sub>2</sub> Gas apartment-combustion exhaust gas emission, continuous gas monitoring in a controlled environment, etc ...
- Measures of physical parameters: dissolved oxygen, pH, temperature, conductivity, etc. ..
- Measure Radiation Light: Light intensity and radiation spectrum, photoradiometer, Spectroradiometer, spectrophotometry, fluorescence, etc. ..
- Velocity and Turbulence Measurements: Measures of Turbulence with ADV, 2D-3D PIV, turbulence power spectrum measurements, hydrostatic and

hydrodynamic parameters, Speedometer, Fluid Parameters

- Software monitoring, acquisition, storage and data analysis with data storage and transfer local and remote
- Marine Monitoring parameters: salinity, fluorescent, etc. .. also guided by means of sampling and data acquisition on established routes
- Sensors and Remote sites can not be reached or continuously in communication with the central remote Wi-Fi, UMTS, GPRS, GSM, etc. ..
- Monitoring on a controlled hydrodynamic systems applied to marine species