

## COMPANY PROFILE

For nearly 40 years, MTX is engaged in the development, the production and the maintenance of sensors, data acquisition systems and software applications for meteorological monitoring.

The Company produces a wide range of high quality sensors for the measuring of meteorological parameters and data acquisition systems which can satisfy every kind of need. Some important characteristics of the products and systems realized by MTX:

- use of first class materials in order to guarantee high level performances in line with the actual state of the art;
- integration of professional system elements with the objective to ensure practicality, ease of use and maintainability;
- excellent resistance against mechanical stress and corrosive actions under the most harsh environmental conditions;
- equipment designed and built to operate continuously, 24 hours, 7 days a week, ensuring MTBF and MTTR values such as to guarantee a system availability of at least 95%.



Besides its own production, MTX has distribution agreements and stable relationships with manufactures in order to meet customers' needs in the field of environmental monitoring.

All sensors are built following the standards of the **WMO (World Meteorological Organization)**.

MTX is certified in accordance with the requirements of the management system standards **ISO 9001:2015** for the design, production and assemblage, installation on site and maintenance of instruments, systems and services for remote control in meteorology, hydrology and nivology.

The realisation of a considerable number of systems has placed MTX amongst the major operators within the Italian market for agro-meteorological and hydrological monitoring. The Company directs its business towards both public and private customers.



As a result of the collaboration with an Italian market leader within the energy and power electronics sector, MTX developed scalable solutions for the monitoring of the performance of solar energy production plants. **In this context, specific know-how was matured which allowed our systems to meet IEC 61724-1: 2017 standard for Photovoltaic system performance monitoring - Guidelines for measurement, data exchange and analysis.**

For the analysis of the data received from the monitoring stations, MTX offers **MINA**, a web application created with the most recent opensource technologies, easy and intuitive to use, also made available through cloud installation managed by a major Cloud Solution Provider.

