



## Netsens

Netsens s.r.l. ([www.netsens.it](http://www.netsens.it)) manufactures monitoring systems for meteorology and environment. Netsens products are adopted for a wide range of applications, from agro-meteorology for sustainable pest management and irrigation water saving, to industrial monitoring, to automatic meteorological station networks (AWS) with climate and environmental sensors, to systems for air quality monitoring.

Netsens is headquartered in Sesto Fiorentino (Florence, Italy), which hosts the administrative and operational activities, including the design, manufacture and testing of its systems. The company operates in accordance with ISO 9001: 2015 certified quality system, ISO 14001:2015 environmental management system, and it is notified for the production of equipment according to ATEX and MET approvals.

## Products

Netsens has modular technological solutions, based on proprietary hardware platforms that integrate 2G / 3G / 4G communication and the Internet of Things (IoT) architecture, which can be easily installed anywhere and - where needed - without any need for communication or fixed power infrastructures.

Netsens also develops and manufactures most of the sensors, to offer turn-key “end-to-end” solutions, but its products can also be offered for highly customized solutions with open architecture.

The LiveData cloud platform allows for worldwide web access, and includes advanced levels of analysis and data processing, including decision support systems (DSS) for various applications.

Netsens products are designed and engineered for continuous operation and low maintenance, even in harsh and difficult to access environments, and are designed on completely proprietary hardware to guarantee service and maintenance over the long term.



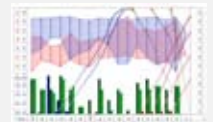
### Agro-meteorology

Netsens is a leading company for the production of agro-meteorology IoT systems, aimed at farms, consultants, consortia and farmer organizations. Netsens products allow to achieve sustainable management of agricultural crops, both for the IPM (integrated pest management) and for the irrigation water saving.

Adopting innovative and reliable technologies, Netsens offers a wide range of solutions, from MeteoSense weather stations, to state-of-the-art VineSense and AgriSense distributed systems, with long-range wireless sensors, up to the most advanced WiSense remote irrigation platform.

The high quality of Netsens sensors and technologies joins with the power of the Cloud Live-Data software platform, which offers an unparalleled level of detail and ease of use.

After being a pioneer of IoT technologies for agriculture, having realized in 2005 the first wireless monitoring system in viticulture, Netsens is present on the market with a continuously developing sales and technical assistance network, and today, with over 1500 active installations is rapidly increasing, boasts among its clients some of the most prestigious farms, especially in the wine producers sector.



### AWS, monitoring network and industrial applications

Thanks to continuous investments in R & D, Netsens has reached important goals in professional meteorology. monitoring networks and environmental early warning systems.

Here is a brief list of some of the major contracts:

- 2005-2012: production and installation of systems for monitoring pantographs on the high speed train line Florence-Rome for RFI - Italian Railway national operator.
- 2008-2016: Supply of road weather stations installed on roads and highways (Autostrade per l'Italia, ANAS, the Province and Municipality of Florence).
- 2010-2011: Production, supply and installation of a monitoring system of harmful substances for petrochemical plants (ENI - Versalis plant of Mantova)
- 2012: Supply of a network of automatic weather stations (AWS) to Technosky s.r.l. - ENAV. for the implementation of agro-meteorological network in Rwanda.
- 2013-2014: Deployment of a network of road weather stations (Consorzio LAMMA)
- 2014: Implementation of a real time weather forecasting system for RFI - Italian Railway operator.
- 2014-2018: Design, production and installation of a monitoring system of hazardous substances for petrochemical plants (ENI - Gela Taranto refineries)
- 2015-2016: Supply of a network of more than 300 gas sensors for motorway tunnels - Variante di Valico (Autostrade per l'Italia)
- 2017-2018: Supply, installation and maintenance of the climate monitoring system for a Leonardo spa aerospace production plant
- 2018: Supply of 25 professional meteorological stations for the Italian motorway network

