100 years
Since 1925

SIAP+MICROS
Environmental Monitoring Solutions

ENVIRONMENTAL DATA COLLECTION PLATFORM

Alifa Cloud

ALIFA cloud

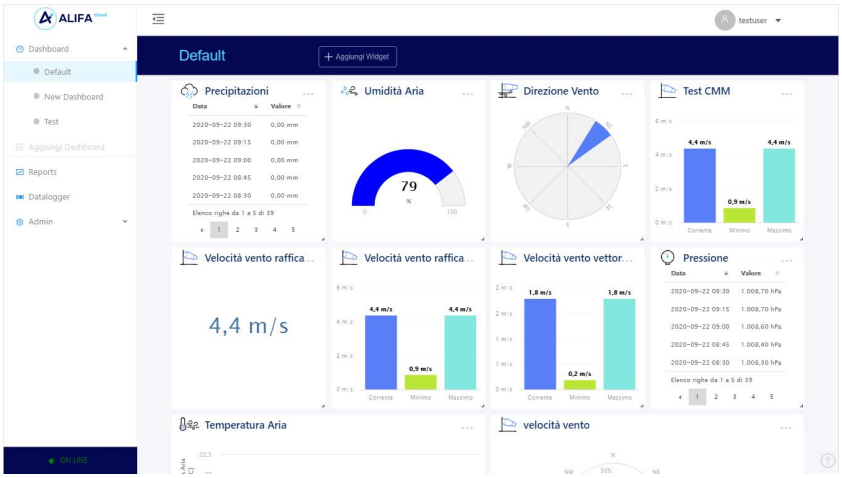
- Easy remote data management thanks to the cloud service
- Customizable synoptics through Dashboard and Widgets
- Ease of use even with mobile devices
- CSV data export
- Possibility to customize graphics and tables

Description

Siap+Micros offers the innovative Alifa Cloud data management, visualization and storage software in order to meet the need to easily manage by remote different kinds of agro-hydro-meteorological monitoring networks. Alifa Cloud is provided for free for the customers who purchase Siap+Micros dataloggers and in the case of networks within a total number of 5 stations. Alifa Cloud can collect and display environmental data with a maximum sampling frequency of 15 minutes and data storage over a maximum period of three months. When this period is expired, data need to be stored in a physical device. The Alifa Cloud + Siap+Micros datalogger bundle is ideal for many applications including:

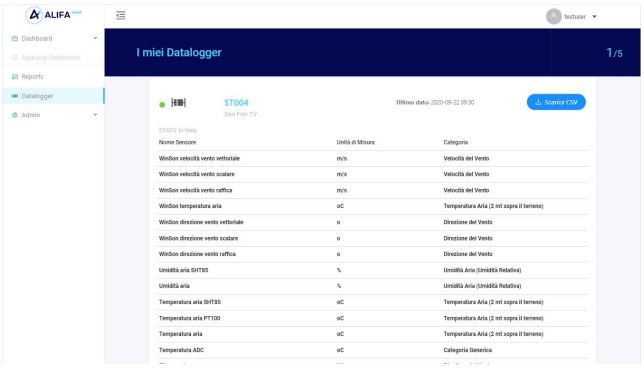
- control of environmental parameters for agro-meteorology (including vineyards, greenhouses, nurseries...);
- hydrometric control of the level of watercourses, canals, basins, reservoirs;
- control of environmental parameters for waste treatment plants;
- control of water quality for purification plants.

Thanks to its Cloud structure and the responsive architecture, Alifa Cloud can be used both on PC desktop and on any mobile device connected to Internet. The user-friendly interface allows you to drag the different modules (widgets) corresponding to the measures to be displayed, creating customized synoptics (dashboards) in a few seconds. The infinite combinations chosen by the user can be stored and reused of your choosing.

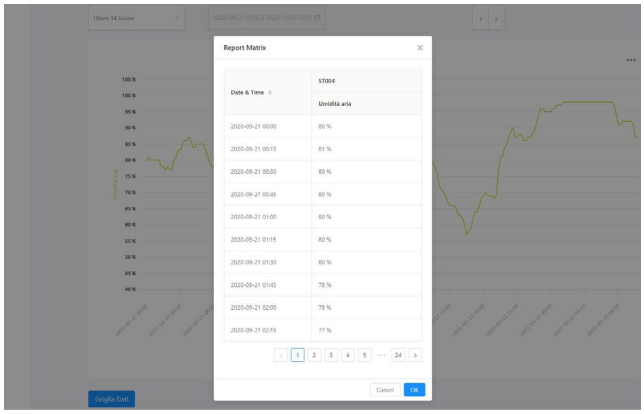


Synoptic panel (Dashboard) with any collection of measurements (widgets)

A specific focus has been given to the design of report generation module. The user can create and store both graphs and tables combining and overlapping different parameters of the same station as well as the measurements coming from different stations. Datasets can be exported to standard CSV format for the use in other applications such as spreadsheets or external databases.



The software allows intuitive management of all connected sensors



Generation of tabular reports

Generating graphical reports (even overlapping multiple parameters)