



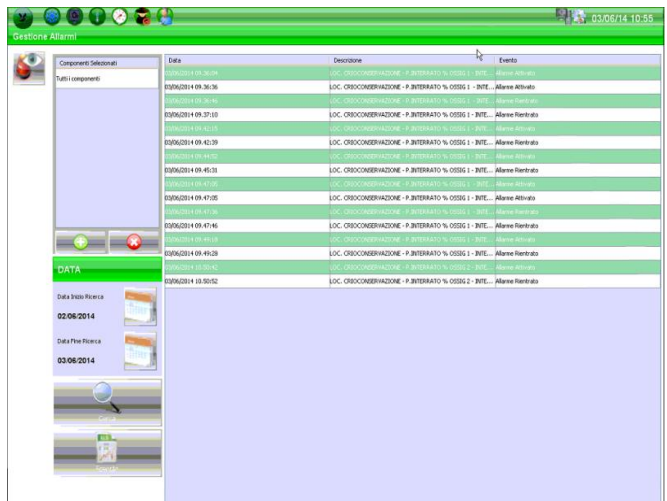
MEDICAL DEVICE SOFTWARE FOR THE SUPERVISION OF BIOLOGICAL LABORATORIES

The SINTESY.eagle.lab supervision software is a SCADA (Supervisory Control and Data Acquisition) system dedicated to the control of biological laboratories.

Thanks to SINTESY.eagle.lab you can monitor, in real time, the status of the laboratories including all the departments located on different levels and in different buildings. The monitored devices can be: cryogenic freezers using LN2, mechanical freezers, oxygen and carbon dioxide sensors, incubators, access control, ventilation system. The plant is shown by using a scaled synoptic of building areas which can be browsed through a special menu.

The system is based on a powerful database. It is able to build tabular or graphical trends of the recorded values. Similarly, the database stores the alarms occurring in the plant with activation date-time-event and restoring of normal conditions.

The system is used by several operators connected locally (intranet) or remotely (internet). Thanks to internet, technicians are able to provide immediate support in case of anomalies.



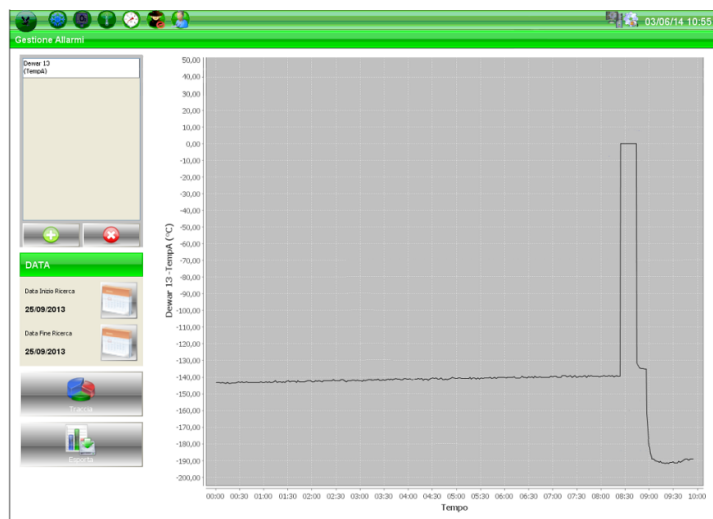
SINTESY.eagle®, Medical Device certified, is a modular system consisting of:

➤ RTU (Remote Telemetry Unit) modules connected to field devices via RS485. The RTUs can be either digital (like SINTESY.S100), to get signals as pressure, temperatures, etc., or analog (like SINTESY.S110) to get signals as pressures, levels, temperatures, flow rates, etc.;

➤ The industrial PC, connected to the RTU modules. The PC, using the software SINTESY.eagle®, manages a database (DBMS) and realizes the function of Client application

Key features

- Display of alarms in real time
- Display in real time of physical quantities such as pressure, level, temperature, etc.
- Storage of measured values with frequency set by the user.
- Storage of events and alarms
- Data reconstruction in graphical and tabular form, exportable in Excel format
- Sending alarms via telephone dialer S140 on GSM network, provided with voice messages and/or SMS
- Viewing by intranet or internet via a simple browser
- Ability to carry out an "inspection" with periodical reports, representing the status of the entire plant
- Ability to change alarms thresholds from local or remote side (after getting access as administrator)
- Designed according to the guidelines GMP and CFR21-11
- Multilingual support (IT, EN, FR, GE, others on request)



CE 0051

The product is certified Medical Device, CE0051 according to European Directive 93/42/EEC and 2007/47/EC, Annex II; Class IIa, following Annex IX, rule 2



SINTESY S.r.l. is certified:
ISO 13485 Medical Device – Quality management systems
ISO 9001 Quality management systems

SInteSY

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