kerberos



KET-SLV-012

SILVER level technical service

- **Guaranteed operational reliability**
- **Preventive fault detection**
- **Assured data quality**
- **Secure and scalable solution**

SILVER is the professional automated data verification service designed to ensure the continuity and reliability of energy and environmental monitoring systems.
Every day, the system performs a thorough check of the presence and integrity of data stored in the database, identifying any anomalies or interruptions in transmission. In the event of problems, timely alerts are generated to allow timely intervention.
This proactive activity keeps the operation of the data collection systems under constant control, preventing malfunctions that could compromise the quality of the energy and environmental analysis.

Key Features

- **Daily automated verification** of data presence and completeness in the database.
- **Detection of anomalies** such as missing, interrupted, or inconsistent data patterns.
- **Immediate alert generation** in case of critical issues via email or other configurable channels.
- **Continuous monitoring** of communication channels between field devices and the cloud platform.
- **Weekly or monthly reporting** on data status and detected anomalies.

Key Benefits of the SILVER Service

- **Guaranteed operational reliability**: every issue is promptly detected, minimizing downtime.
- **Preventive fault detection**: continuous monitoring enables proactive action before major failures occur.
- **Assured data quality**: regular data flow checks ensure consistency and accuracy in energy analysis.
- **Reduced technical response time**: instant alerts allow technicians to act quickly and restore system functionality.
- **Secure and scalable solution**: suitable for projects of any size, from small installations to complex networks.

Typical Applications

- Continuous monitoring of photovoltaic, wind, and cogeneration plants.
- Supervision of environmental monitoring networks.
- Data quality control in Building Management Systems (BMS).
- Energy projects in both public and private sectors supporting ecological transition.