82% Of Europe's low voltage distribution grids lack digital connectivity.

68% Of distribution transformers are over 30 years old.

Access your grid's data to reach digital transformation.

Monitoring substations leads to learning from the data obtained.

Digitization allows more efficient monitoring and control of the substation, resulting in better use of electrical resources and reduced energy losses. It also provides data for improved asset management, enabling operators to make informed real-time decisions about maintenance and equipment replacement based on data from the substation, ensuring rapid responses to changing conditions or emergencies.

Continuous data collection and analysis can lead to valuable insights into the substation's performance and efficiency, enabling optimization and cost reduction.

Low-voltage secondary substations: smarter, safer and better connected.

smilics
TECHNOLOGIES

Supplying digital data for low-voltage substations

Digital data solution for the oversight and management of any low-voltage transformer substations for electric power distribution companies.

Contact us and get more information
sales@smilics.com

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C/ Baldrich 222, 08223 Terrassa
Barcelona (Spain)
www.smilics.com

1 **Prepared for** both **rural or urban** type of secondary substation.

2 **Totally independent**, 5 modular devices or one compact device to combine at your will.

3 **High accuracy** monitoring including main parameters.

4 **Hot pluggable**, no need of discharge on the line.

5 **Cybersecurity**. Outstanding features.

6 **Retrofit**. No Need to replace existing assets at the site.

7 **Reduced installation time**. Sensors prewired and 2-hour solution.

8 **Rugged** CAT-IV devices. All devices include QR, NFC and RTC.

9 **Cloud computing**. All devices come prepared for MQTT and Modbus TCP.

10 **Real time** data displayed on the software.

Improve power distribution reliability and prevent outages with remote monitoring and control.

Over 21 features to accomplish maximum efficiency in your transformer substation.

- Infra-red
- Frequency
- Harmonics
- Power
- Three-phase current of secundary
- Indoor temperature
- Outdoor temperature
- Temperature of feeder switches
- Transformer temperature
- Ozone detection
- Smoke level detection
- Three phase voltage
- Flood detector
- Status of the door
- Indoor humidity
- Battery
- Three-phase current of 4 feeders