

# Success **STORY**



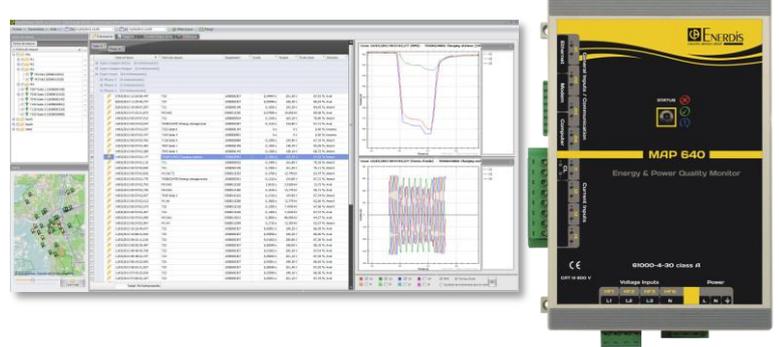
**Country:** France

**Customer:** SICAE de la Somme et du Cambrasis

**Products:** MAP network quality analyzers

**Electric power  
distribution**

**Supervising the quality of the electrical energy flowing on  
the 2,000 km of its electricity distribution network**



## Customer

In France, the SICAE rural electricity development groups, created after the First World War, are specialized in bringing electricity to rural areas and still handle some of the electric power distribution in the country.

The "SICAE de la Somme et du Cambrasis" is the historical electricity distributor for more than 28,000 customers in 185 rural districts (nationally, SICAE development groups supply 1,000 rural districts in 10 regions, covering more than 500,000 inhabitants).

## Goals

- Supervise and control the quality of the energy flowing in the distribution network
- Offer specific monitoring of power supply quality to sensitive customers connected to the electrical network, either occasionally (measurement campaigns) or constantly
- Operate the network while integrating the new constraints due to the connection of renewable energies, and particularly wind farms

## Energis solution

Connection of more than **30 analyzers from the MAP range** on the network operated by "SICAE de la Somme et du Cambrasis", linked to the **E.Qual-Premium Server** supervision software.

The SICAE rural development group benefits from real-time supervision of the data concerning the quality of the energy flowing in its entire network and can take corrective action if necessary. In this way, it has access to a detailed history of all the measurements taken for quality supervision on the network and at the point of supply for sensitive customers.

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