



Advanced Energy Management with EnWe and FAE

THE CUSTOMER AND THE CHALLENGE

A company in the Ravenna area, with an area of over 7,000 square meters, has decided to invest in a photovoltaic system to reduce its energy consumption and contain the costs of its electricity bill.

ENWE'S INTERVENTION

EnWe followed the entire project, from the analysis of energy consumption to the construction of the plant, managing all administrative and technical practices. To ensure maximum control over the efficiency of the plant, an advanced monitoring system with SCADA interface and/or cloud connection has been provided. A central role in this architecture was played by the GW525 gateway, which made it possible to elegantly and effectively overcome the restrictions of the customer's internal network policies. The GW525 gateway, equipped with a low-cost dedicated SIM, made it possible to connect autonomously, securely, and non-invasively, while maintaining high reliability in data transmission. Production and operation data are sent to a proprietary cloud based on the Rilheva platform. Thanks to the FAE solution, EnWe has been able to integrate advanced features such as customized reports, advanced monitoring tools and real-time intervention capabilities in the event of anomalies, optimizing plant management.

THE RESULTS

The customer continues to carry out its activities without any interruption, benefiting from reduced energy consumption thanks to the self-consumption of the energy produced. This translates into immediate and tangible savings. Through periodic reports (monthly, quarterly or half-yearly), also made possible by the continuity and precision of the FAE system, the customer can clearly monitor the economic benefits obtained compared to the situation before the intervention.