



The Challenge

Enerclia manages a fleet of **over 7,000 telemetered units** distributed across photovoltaic plants and transformer substations.

Manual deployment and configuration were **consuming significant engineering time**, cybersecurity requirements for critical infrastructure were becoming stricter, and clients could not manage their own devices locally without relying on Enerclia.

SUCCESS STORY

Edge Orchestration for Distributed Energy Infrastructure

With Barbara's support, Enerclia adopted Barbara's Platform as the **standard for all new device deployments** across its distributed European energy fleet. Edge nodes are provisioned, configured, and updated remotely at scale through **Zero-Touch Provisioning** and batch configuration, removing the need for on-site intervention.

Barbara's Platform gives Enerclia a single point of control for thousands of devices and containerized applications while meeting the strict cybersecurity requirements of critical energy infrastructure.

Key Results



Engineering Capacity Freed. Zero on-site visits for provisioning or updates, freeing engineering time to support fleet growth.



Scalable Fleet Management. Consistent, up-to-date operations across 7,000+ units managed through a single platform.



Strengthened Cybersecurity. Certified security for all device communications, meeting critical infrastructure standards.