PROAVIA member use case

ELECTRIFY 77 KILOMETERS OF FENCING ?

France·Aucun – 2026



01 THE CHALLENGE

Power supply for security fences located away from any power supply, areas considered at risk such as runway thresholds and aircraft parking areas.

02 THE SOLUTION

- Using several low-voltage sources distributed across the platform
- Step-up the voltage to 3200 V and power supply the security fencing with watertight step-down transformers
- One transformer power supply one low-voltage cabinet, one cabinet every 300 meters.

03 THE RESULT

- Small cross section 3200 V cable (6 mm²)
- Secure the installation, buried solution
- Economical solution
- Allows network extensions while preserving the created networks

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