

LUMIERE



Lumière is a French wholesale carrier operating eight fiber networks. In France, Internet Service Providers (ISPs) are responsible for last-mile connections and fiber service activation. As a result, **Lumière's** assets, particularly its fiber cabinets, are used by ISPs and their contractors to connect subscribers.

Lumière's challenges

After several years of ISP-led network operations, Lumière faced growing difficulties in managing and protecting its assets:

- **Low-quality field documentation:** photos submitted by field crews were often missing, blurry, or poorly framed.
- **Unverifiable work:** the sheer volume of incoming photos made it impossible to review every intervention.
- **Unclear accountability:** with no reliable tracking, identifying who was responsible for fiber cabinet damage was impossible.
- **High maintenance costs:** without real-time visibility into asset conditions, Lumière incurred costly cabinet repairs, often running into thousands of euros per unit.

Results

By integrating Deepomatic Lens, Lumière now benefits from automated analysis of all photo documentation submitted by ISPs and contractors:

- ✓ **97% compliance in field reports:** crews consistently provide complete and standardized photo documentation.
- ✓ **99.4% of fiber cabinets are operational:** AI-driven quality control improves workmanship and ensures network reliability.

- ✓ **Reduced maintenance costs:** continuous monitoring enables proactive maintenance, preventing expensive corrective repairs.
- ✓ **Stronger business oversight:** performance KPIs from Deepomatic Lens allow Lumiere to better manage relationships with ISPs.

“Since the implementation of computer vision through Deepomatic Lens and the sharing of results with the ISPs, we have observed a very clear improvement in the completeness of the operation reports as well as the quality of the photos provided by technicians.”

- Michel Potier, Product Management Officer (PMO), Lumiere

Why IQGeo

IQGeo already partnered with many French ISPs, equipping them with real-time AI-powered quality control. For Lumiere, adopting the same solution for asynchronous field report verification and infrastructure monitoring was the natural choice.

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