ProjectX

TELECOMMUNICATIONS · SOLUTION BRIEF

Network-scale data, site security and cost control together.

Operators run enormous data estates, physical sites that need watching, and infrastructure spread across providers. The platform puts the three on one control plane, so a question that crosses them is one query rather than three integrations.

The story

A telco's scale is the point. The data engineering is network-scale, the site security is thousands of cameras across a footprint, and the infrastructure spend is spread across clouds that each report differently. So the Intelligent Data OS carries the analytics, Video Intelligence watches the sites under a governed archive, and the Cloud & Infrastructure pillar is where multi-provider capacity becomes one catalog, one API and one invoice — with the attribution that makes cost controllable. Operational Intelligence is what makes the three answerable in one place.

Use cases

Network-scale data engineering

Pipelines, SQL and ML over an open lakehouse built to hold the volume a network produces, portable by construction so the estate is never trapped.

Site security under one archive

Camera fleets across the footprint ingested on the hardware you already own, with purpose-limited archive access enforced in software.

Multi-provider infrastructure, one invoice

Servers, Kubernetes and storage across the providers you contract, presented as one catalog and attributed to the project that ran each resource.

Requirements, and where they are answered

Requirement	Answered by
Analytics at network scale	Pipelines, SQL and ML over one open lakehouse
Site security on the cameras we own	Standard ingest, with archive access purpose-limited in software
Multi-provider capacity under control	One catalog, one API and one invoice across providers
Kubernetes without the premium	Managed or self-managed clusters on one resource model

Questions buyers ask

Does it work with the hardware we already have?
The video pillar ingests camera fleets on hardware you already own, and the cloud pillar runs across the providers you already contract — presented as one catalog and one invoice.

How does multi-provider cost become controllable?
Every resource is attributed to the project that ran it, and everything bills at published rates on one invoice — so cost by project and by provider is a report, not a reconciliation.

Where do we start?
With one region or one site. A pilot runs on its own credit balance at published rates and needs no estate-wide commitment.