optim.aize
groupe jll.spear

COMPANY FACT SHEET · NOVEMBER 2026

Data for critical infrastructure

optim.aize is the innovation company of jll.spear, an industrial group based in Bordeaux, France. It develops YAAPS, a sovereign, open source platform that brings the sensors, drone and satellite surveys and business software of critical infrastructure together on a single map, so operators can monitor their assets, anticipate risks and act at the right time.

2021
founded in Bordeaux, jll.spear group

5 years
of development on real cases

500,000 km²+
of HD LiDAR and InSAR processed in France

500 MW+
of solar processed each year

500+
connected IoT sensors

FR · PL · SG
offices and projects

WHAT WE DO

YAAPS	Sovereign digital twin: smart mapping, 2D, 3D, 4D, monitoring and AI, integrated with CMMS, ERP and SCADA.
GeoAgent	Geospatial AI agent that queries the map in natural language and flags risk situations.
Data on demand	InSAR, drones, LiDAR, thermography, IoT, RTK and private 5G, delivered into YAAPS.
Climate and insurance	Ground motion, drought and clay shrink-swell, risk scores and API.

REFERENCES

Fraport (Frankfurt) · Port of Bordeaux · Iași airport · Corex · MAIF · partner of the France 2030 PANDRONE AI project

LEADERSHIP

Sébastien Roche, founder and chairman · Éléonore Köng, CEO, PhD in geoscience

JLL.SPEAR GROUP

Industrial and technology group founded in 2021 in Bordeaux: optim.aize, ASE-Serem, IIDRE, Drones Solutions, Sense Flow, Cenov' Distribution.

MEDIA CONTACT

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