



oledcomm

Brightly reinventing the way we connect



LiFiMAX: reminder - how does it work?

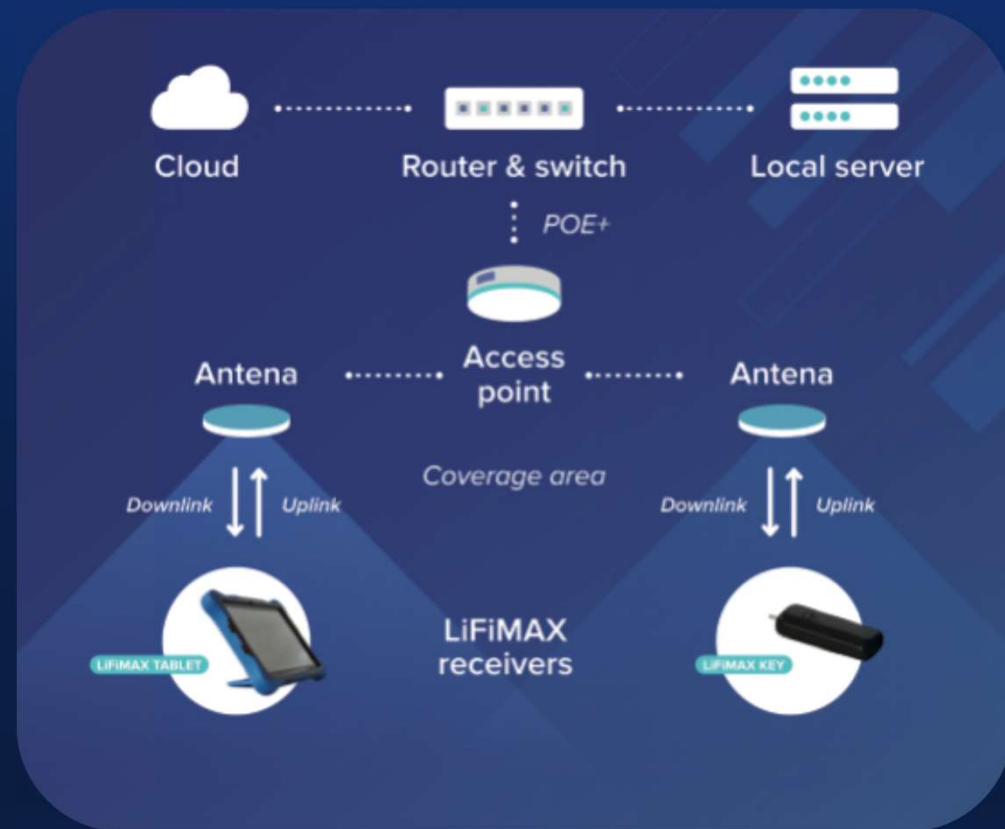
Broadband connectivity

Extremely low latency

Wireless

Absolute security

Without radio waves



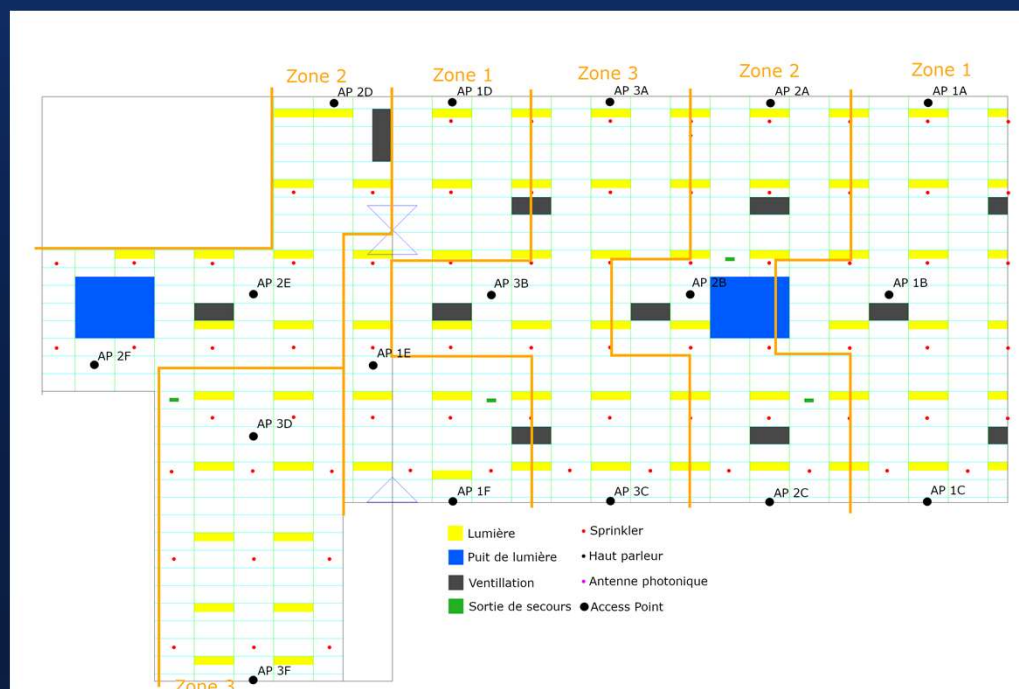
A high scale project realized with LiFiMAX



High scale project Won
Air France Industries
MRO shopfloor in Orly.

March 23

- First area of 500m2 installed
- 17 LiFiMAX AP + 102 Antennas



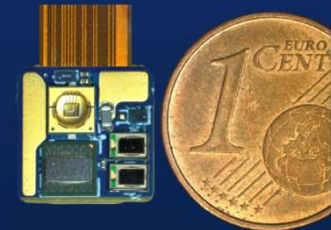
LiFi solutions reaching TRL 9 in all targeted segments



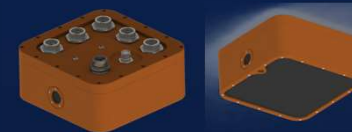
SatelliFe

LiFiMAX

SOLERIS



ASIC



Space

Ground

Defense

OEM





OUR PRODUCT RANGES



SatelLiFe

LiFiMAX

SOLERIS



Use cases for LiFi in space

Intra-satellite

Cable replacement
(weight reduction)

Hosted Payload

Hosted Payload
integration

Ground AIT

Assembly Integration
Test

Intra Launcher

Cable replacement

Satellite-Satellite

Sat-to-Sat
communication

Satellite-Launcher

Satellite to Launcher
communication

BENEFITS

WEIGHT
REDUCTION

TIME
REDUCTION

SIMPLIFIED
ACCOMODATION

SIMPLIFIED
ENGINEERING

GIGABIT
SPEED



SatelliFe



SatelliFe

Space Qualified for LEO Environment

3 space flights in 2023:

Inspire 7 Nanosat – Launched by SpaceX on April 15th

JOEYSat from OneWeb and Airbus - Launched on the May 20th

Demo in launcher Ariane 6 qualification flight scheduled in Dec 2023 – ESA program

Tests in space environment to qualify the space LIFI for TRL 8:

- Shock tests: 20G at 100Hz - 1400G at 10kHz
- Vibration test:
- EMC Testing:
- Radiation test:
- Thermal vacuum test
- Test software in flatsat



Our roadmap : towards 100 Gbps, for high speed com fully secured in demanding environments





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