

Satellites  
Transversal competencies



WINLIGHT SYSTEM is a French provider of OPTICAL systems and OPTO-MECHANICAL systems. These sub-systems are either mounted on optical payload of satellites or used as OGSE.

## COMPETENCIES & CAPABILITIES

- Optical design
- Opto-mechanical design
- FEA calculations
- Optics polishing
- AIT : Assembly, Integration and Tests
- Qualification to environments



# WINLIGHT

## PRODUCTS & SERVICES

The main know-how is related to:

- Polishing processes, optical bonding, metal-optics cementing
  - o Mirrors including lightweighted ones
  - o Lenses, prisms,
  - o Flats, aspheres, freeforms
- Expertise on complete system design and AIT
- Production facilities (polishing machines, ...)
- Testing and Qualification equipment (Optical equipment, climatic chambers, vibration shaker)

## MAJOR SPACE PROJECTS & REFERENCES

Main customers:

- AIRBUS, THALES, NASA, CNES, Lockheed Martin, ...

Some references:

- Microcarb, WFIRST, IASI NG, ...

## POINT OF CONTACT

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**TURNOVER** 7 M€

**WORK FORCE** 45

**SPACE TURNOVER** 1.5 M€

**SPACE WORK FORCE** 45