Part of Safran Electronics & Defense, **Safran Reosc** is the European leader in high-performance space optics with 50 years of cooperation with CNES, Airbus and Thales, recognized by CAST, ESA, DLR, ISA, ISRO, JAXA, KARI, NASA, FFI, …

We deliver the latest and most high-performance space optics and camera for earth observation, weather forecast, science, environment monitoring and Situation Awareness.

**COMPETENCIES & CAPABILITIES**

From spec to final product we offer:
- Lens design & mechanical engineering,
- Ultra-lightweight glass machining for large size optics,
- Robotic polishing of aspheres & freeform, in metal, glass or SiC, from a few cm to 4-m size, IBF & MRF figuring,
- Accurate metrology bench design and calibration,
- UV-Vis-IR thin film deposition up to 1.6-m aperture, thin film 2D structuration and pixelated coatings,
- Lens assembly, telescope integration and final performance evaluations in ISO-5 clean room,
- Program & quality management per space standards.
Safran Reosc offers critical products & services for optical earth observation, weather forecast, science & environment monitoring:

- Precision lens design & mechanical engineering,
- Lightweight mirrors and fixtures (metal, glassy, Sic),
- High performance Vis-IR dioptric optics,
- Vis-IR filters & thin films, down to cryogenic temperature
- Flexible supply from single component, opto-mechanical module to full telescope or equipment,
- Precision collimators & reference flats for ground testing.
- NEW: ultra-low SWaP space camera for nanosat.

**MAJOR SPACE PROJECTS & REFERENCES**

**Earth observation**: Spot, Helios, CSO, Perusat, KazEOSat-2, VNRED, Ofeq, Formosat, Cartosat, Oceansat, Kompsat-2 & 7, Pleiades Neo,

**Meteo**: Meteosat, MSG, MTG, METOP, IASI, IASI-NG, Gaofen-5, INSAT

**Science**: Orfeus, Solar-B, Solar Dynamic Observatory, Gaia, Hipparcos, Corot, ISO, JWST NIRSpec, Euclid

**Environment**: Aeolus, EarthCARE, Merlin, Microcarb

**Test Equipment**: Precisions large flats & collimators for TAS, ADS, CNES, ESA, NASA, JAXA, ELOP, ISRO, KARI

Nanosat camera for NorSat-4.

**POINT OF CONTACT**

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**TURNOVER**  €30M

**WORK FORCE**  180

**SPACE TURNOVER**  €20M

**SPACE WORK FORCE**  130