



hemeria



OBSERVATION



COMMUNICATION

# AIT

## Assembly, Integration and Testing

Specific clean rooms

Risk reduction

CNES/ESA certified processes

HEMERIA offers its customers controlled, rapid production, thanks to recognized skills in assembly, integration and testing of satellite systems.



OBSERVATION



COMMUNICATION

Approved on: PLEIADES NEO satellites, IRIDIUM NEXT constellation, E3000 batteries modules

### Tools and means

- More than 5,000 sq-m ISO 8 clean rooms
- ISO 5 area
- 10 electrical test benches
- Mechanical static test bench
- Equipped area with a handling bridge of up to 2 tons and with a ceiling height of 5.7 meters
- A team of experienced technicians
- Bake-out chamber service

### Technicity and process

- SSM (second surface mirror) bonding on radiative areas, support, bracket, harness and equipment integration
- Laser tracker alignment
- Embedded and external heap pipe bonding
- Harnesses installation on structure, cabling and testing of CTA lines
- MLI assembly and testing
- Fully integrated structure
- Electronic equipment storage and assembly on structure
- Climatic testing

### Services

- Constellation and product line deliveries
- Synergies structure / harness / MLI
- Cost improvements
- Secure lead time
- Worldwide deliveries

