



# harnesses



**HEMERIA is the European leader in the design, sizing, production, testing and integration of embedded harnesses for satellites and launchers.**

❖ Multi uses : satellites, constellations, launchers, nuclear and military applications

❖ Built to specifications and design to cost capabilities

❖ CNES/ESA certified processes

**20 000**  
connectors  
wired and  
tested  
each year

❖ Planning reliability

❖ Co-design with customers design offices



**200 Satellites flying with HEMERIA equipment**



**109 ARIANE 5 launch with HEMERIA harnesses**

**Factory 4.0**  
with digital tools

**approved on**

PLEIADES NEO satellites  
IRIDIUM NEXT constellation  
ONEWEB dispenser harness  
ARIANE 5 launcher  
Telecom harness NEOSAT



# harnesses

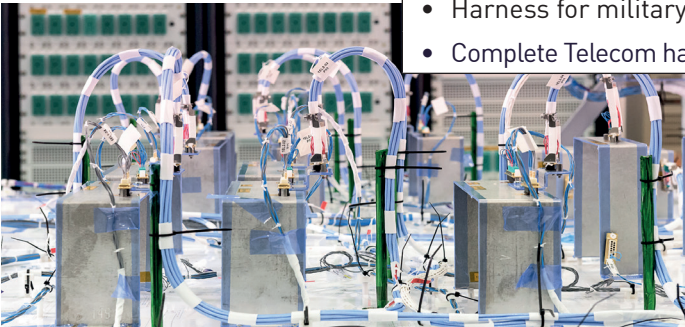
## tools and means

- 2200 sq-m<sup>2</sup> ISO 8 clean room
- ISO 5 area
- 10 Electrical Test benches
- AIT dedicate area in order to integrate satellites 500 kg class
- Own tailored harness software, continuously updated



## technicity and process

- Harnesses installation on structure, cabling and testing of CTA lines
- 20 000 connectors wired and tested each years
- Production follow-up in real time with digital tools
- 550 km of wire cut per year
- Dedicate CNES and ESA agreement certificates
- Harness for military and nuclear applications.
- Complete Telecom harness design in 3/4 months



## services

- Synergies structure / harness / MLI
- Built to specification and dedicate design to cost approach with customers
- Secure components stock for design flexibility and secure lead time
- Constellation and product line deliveries
- Worldwide deliveries

