

Transversal competencies

MATRA ELECTRONIQUE offers you all services for the co-engineering and the manufacturing of space electronics, covering Scientific and Telecom Satellites including Robotic Exploration and Constellations.

This is based on our large heritage of:

- Electronics for SPACE & ESA missions: know-how since 1996, PID since 2012
- Electronics for NEWSPACE projects: from nanosatellites to large constellations since 2016
- Electronics for DEFENCE & MBDA missiles: since 1975

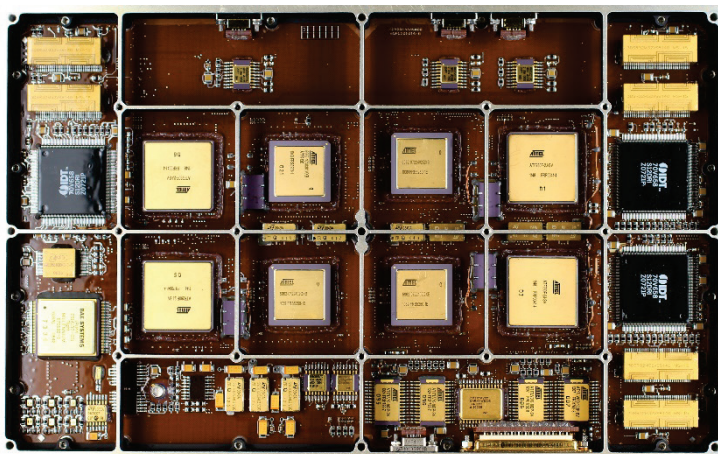
**COMPETENCIES & CAPABILITIES**

Co-engineering:

- PCB layout, mechanical drawing, test bench design & manufacturing

Manufacturing:

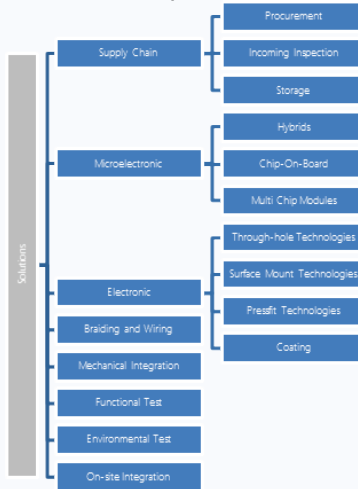
- Vapor phase, Selective wave, Hot air, CGA, Press-fit, Manual soldering
- Adhesive, Underfill, Conformal coating
- Visual inspection, Automatic Inspection (AOI, AXI)
- Test (FPT, JTAG), Integration, Environmental Test



# MATRA ELECTRONIQUE

## PRODUCTS & SERVICES

Our services are achievable in independent or global solutions.



## MAJOR SPACE PROJECTS & REFERENCES

Major space projects:

- EUROSTAR 3000, NEOSAT
- BEPI-COLOMBO, SOLAR ORBITER, EXOMARS, EUCLID, JUICE, IASI-NG, ESAIL, ASTRO-H, XARM, IXV, PROBA-V, PROBA-3, SENTINEL-1, MARS 2020, TARANIS
- ONEWEB

Major space references:

- CNES, ESA
- CNRS
- THALES ALENIA SPACE
- AIRBUS DEFENCE & SPACE
- AIRBUS ONEWEB SATELLITES

## POINT OF CONTACT

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**TURNOVER** 95 M€

**WORK FORCE** 420

**SPACE TURNOVER** 5 M€

**SPACE WORK FORCE** 40