

Satellites

Orbital systems

Transversal competencies



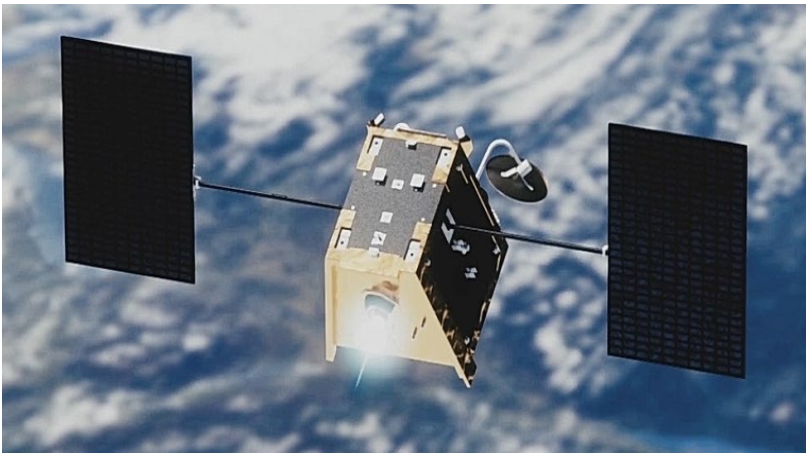
OneWeb Satellites is a joint venture between Airbus, the global leader in the aerospace industry, and OneWeb, the global communications network company.

We design, assemble and test small satellites in high volume thru an innovative mass production assembly line leading to very low cost product.

OneWeb Satellites is offering a standardized platform compatible with many different payloads, providing end-users with cost savings and opening the door to new missions.

## COMPETENCIES & CAPABILITIES

- Satellite system and sub-systems design. Expertized in all required domains.
- Low cost and high quality satellites with new space approach
- Satellite assembly with innovative mass production assembly line for the 648 satellites OneWeb constellation
- Benefit of large volume production for any additional small quantities
- Bespoke satellite adaptation to specific payloads based on the standardized platform.



# OneWeb Satellites

## PRODUCTS & SERVICES

Small LEO satellites

- Use of the standardized bus/platform
- Design of payload, manufacturing and test
- Communication, Earth Observation, Science, or any other specific application
- Satellite design, manufacturing, final assembly and test
- Satellites serial production lines: ability to make satellites for a single demonstrator up to large constellations
- Typical 100kg to 230kg satellite range with ability to increase as needed

Small LEO satellite platform to host customer payload

- Plug-in of specific payload
- Bespoke interfaces and performances to customer needs

Final Assembly Line set-up:

- Automatisations of mechanical assembly and test
- Big data trend analysis

## MAJOR SPACE PROJECTS & REFERENCES

OneWeb constellation first generation (648 LEO satellites for a full Earth coverage) design manufacturing and tests.

- Assembly and test of avionics, AOCS, power, propulsion, structure and communication payload modules.
- Assembly and test at satellite level
- Mass production assembly lines (2 satellites per day)
- Broad supplier ecosystem
- More than 200 hundred satellites already in flight operation

Making satellite platforms to Airbus for other payload types.

## POINT OF CONTACT

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**TURNOVER:** 22.7 M€

**WORK FORCE:** 290 employees (100 based in France, 100 based in USA, and 90 operating the USA assembly line)

**SPACE TURNOVER:** 22.7 M€

**SPACE WORK FORCE:** 290 employees (100 based in France, 100 based in USA, and 90 operating the USA assembly line)