

Orbital systems  
Satellites  
Transversal competencies  
Consulting in Space Domain

**ARCSPACE**

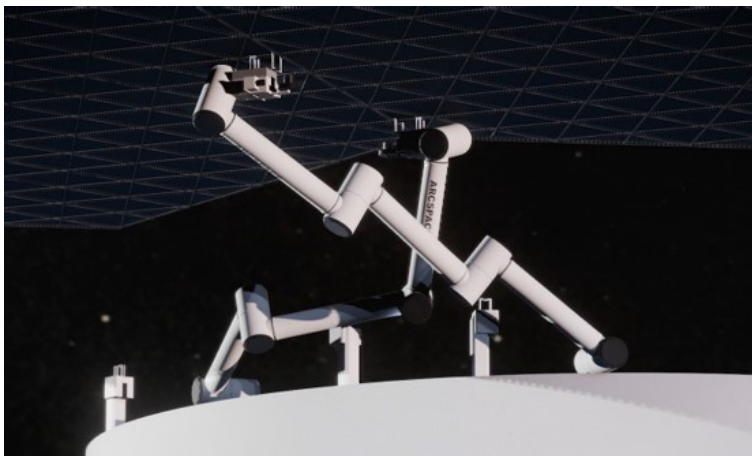
Sustainable &amp; Performant Space Infrastructure

ArcSpace provides subsystem tools and processes for in-space servicing, assembly, and manufacturing applications. Its first solution is a proprietary robotic joining and cutting unit, which integrates onto any spacecraft (servicer, satellite, lander). Enabling customers with the capabilities to act in space, it opens new mission ConOps and cost-effective space infrastructure. Client applications include assembly of large space infrastructure and microgravity manufacturing, but also existing markets from on-orbit capture to end-of-life management.

## COMPETENCIES & CAPABILITIES

ArcSpace has the following competencies to support its customers:

- Design, assembly and vacuum testing of complex electromechanical subsystems for ISAM applications.
- Simulation of robotic controls for in-space operations.
- Design for in-space assembly experience (tools, robotics, design tradeoffs).



# ARCSPACE

## PRODUCTS & SERVICES

ArcSpace is developing a turnkey joining and cutting tool for in-space servicing, assembly, and manufacturing applications, based on Electron Beam technology.

The solution passed TRL4 in early 2025, with successful joining and cutting experimental operations in a simulated open-space environment. The proprietary technology ensures a zero-debris and no-contamination approach of the process, which was validated with support of ESA.

## MAJOR SPACE PROJECTS & REFERENCES

ESA-funded activities, including “Development of a safe, sustainable, and performant space welding unit”.

## POINT OF CONTACT

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**TURNOVER** 0,13 M€

**WORK FORCE** 5 employees

**SPACE TURNOVER** 0,13 M€

**SPACE WORK FORCE** 5 employees