Orbital systems
Satellites
Ground segments
Transversal competencies
Transversal competencies



E-SPACE develops, manufactures and operate NGSO large satellite constellation for the delivery of high-availability narrowband and broadband services, with strong emphasis of space sustainability (positive impact on space debris contribution) with a highly vertical integration.

COMPETENCIES & CAPABILITIES

- Design and manufacturing satellite platform
- Design and manufacturing satellite communications payloads
- Design and manufacturing of some of the critical satellite subsystems (GNC, ISL if needed, Solar Array, EPS, etc..)
- Satellite Assembly, Integration and Testing (AIT)
- LEOP campaign
- Constellation Operation
- Network Operation
- User Terminal and Gateway design and manufacturing

E-SPACE

PRODUCTS & SERVICES

E-Space will provide the following products:

- Large global satellite constellation infrastructure
- Communications Payload with frequency band depending on the use case
- Low Swap and Cost user terminals with frequency band depending on the vertical market and use case
- Low Swap and Cost gateway terminals

E-Space will provide the following services:

- Deploy satellite constellation Infrastructure
- Deploy satellite constellation and deliver the data connectivity service for various vertical markets and use cases

MAJOR SPACE PROJECTS & REFERENCES

- O3b
- OneWeb

POINT OF CONTACT

ADDRESS 13 rue Sainte Ursule 31000 Toulouse France

WEBSITE www.e-space.com

PHONE

POINT-OF-CONTACT: David Liermann – Tel: +33 (0)6 8723 1758

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