

Ground segments
Launchers



SpaceDreamS is a spaceport architect company.

Based on a modular and interoperable concept, we design, develops and operates tests benches & spaceports.

COMPETENCIES & CAPABILITIES

- Prospective studies / High Level Requirements specification
- Spaceports design
- Control benches for launchers
- Launcher operations on ground
- Cryogenic & fluidic design and operations
- High reliability technologies
- Risk analyses



SpaceDreamS

PRODUCTS & SERVICES

SpaceDreamS develops the NuPad, an universal, mobile, interoperable, multisite & multilaunchers launchpad composed by 3 main batches:

- Ground segment “boxes” launchers services (LOXBox, Methanebox, ElectricalBox, ACbox, ComBox, ...)
- Control Command / Ground Operation Control process
- TwinPad / Digital twin of our solution

SpaceDreamS supports institutions, spaceports and launchers companies to define ground activities with an end-to-end vision; High Level Requirement, Design activities, virtual & on-site commissioning, serial operations, products & processes evolutions, dismantling...

MAJOR SPACE PROJECTS & REFERENCES

ESA – Various prospective studies

European Commission / Eu-BEST (European Bench for Engine Serial Tests)

ArianeGroup – VOLARE project

CNES – Coactivity Study of Diamant Launch Base

HyPrSpace – TERMINATOR Project (LOXBox & Launcher Mock-up for scale 1 engine test)

POINT OF CONTACT

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TURNOVER < 1 M€

WORK FORCE 10 employees

SPACE TURNOVER < 1 M€

SPACE WORK FORCE 10 employees