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BRINGING AGILITY TO SPACE

EXOTRAIL AT A GLANCE One Mission: Bringing Agility to Space

MASSY, FRANCE20 peopleElectric propulsion systems

TOULOUSE, FRANCE 5 people Mission software

FIRST CLASS PARTNERS



SOLUTIONS

ExoMGTM Electric propulsion for small satellites

- High thrust, fast maneuvering,
- Modular, compact, flexible & scalable

ExoOPSTM Mission design & operation software

- Cloud-based, usable by non-experts across various teams
- End-to-end tool to design and operate your mission

Vision: Space Van™ On-orbit services

- Deployment and re-deployment
- Debris removal and de-orbiting
- Repair & assembly on-orbit





OUR MISSION

Bringing agility to space





OUR VISION

Last Hundred Miles Delivery Provider

Phase 1 – Propulsion Provider

Phase 2 – Deployment Solution Provider

Phase 3 – On-Orbit Services Provider



Electric propulsion systems and solutions: $ExoMG^{TM}$, ExoFLUID, ExoSKID

Satellites transportation with ExoMG[™], Space Van[™] & third-party solutions

On-orbit delivery & assembly of spacecrafts with Space Van[™]

PROPULSION, A MUST HAVE...

WITH THE NEW SPACE DEBRIS REGULATIONS, PROPULSION WILL NOT BE AN OPTION ANYMORE

EXOLICIE

PROPULSION, **A MUST HAVE...**

WITH SOME HURDLES THAT WE TACKLE EXOTRAIL SOLUTION

THE ANSWER

MANOEUVRING TAKES TIMEHIGH-THRUST ELECTRIC PROPULSIONCOMPLEX INTEGRATIONSTANDARDIZED INTERFACECOMPLEX IMPLEMENTATIONSCALABLE AND TAILORED SOLUTIONCOMPLEX TO OPERATEMISSION DESIGN & OPERATION SOFTWARE
ExoOPSTM

THE ISSUE

EXOLICAL

ExoMG[™] A FAMILY OF FLEXIBLE & HIGH-THRUST ELECTRIC PROPULSION SYSTEMS

ExoMG[™]-*mano*, ExoMG[™]-*micro*, ExoMG[™]-*cluster* Turnkey solution for 10 to 250kg satellites. Modular approach based on pre-qualified building blocks Fits *your* requirements & adapt to *your* platform Highest thrust for small satellite electric propulsion

HOW EXOTRAIL BENEFITS YOUR MISSION

CASE STUDY – ORBIT RAISING RAAN PHASING

20kg sat generating 10M€ revenues over 5 years

Revenues generated **per spacecraft**, during the first 15 months

Hardware is only part of the solution to the problem **OUR SOFTWARE SOLVES THE REST**

ExoOPSTM Propulsion mission software

To design, optimise, and operate propulsion mission Cloud-based or on-premises & user-friendly Makes propulsion easy

PROPULSION MADE EASY

MANEUVERS OPERATION

UNIQUE POSITIONING giving a competitive edge

SYSTEMS PROVIDERS

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HIGH THRUST FOR QUICK MANEUVERS

End-to-end propulsion service

Optimisation of the propulsion system

Deptimisation of manoeuvres

UNIQUE POSITIONING IN THE WORLD

SOFTWARE PROVIDERS

PROPULSION MADE EASY

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STRICTLY PRIVATE & CONFIDENTIA

OUR TEAM

A mix of experience & innovative spirit

EXPERIENCE FROM

FIRST CLASS PARTNERS

3 6 0 K IRDI SORIDEC GESTION & bpifrance

LAST HUNDRED MILES DELIVERY.