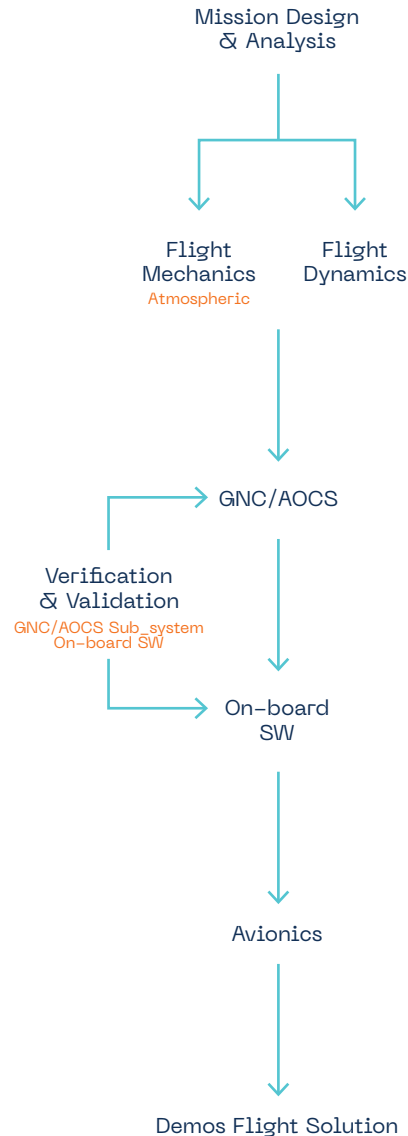


You need a space mission but you don't know where to start from? You have completed your mission design but you are lacking critical technologies? You want to increase your on-board autonomy and/or your platform agility?

Deimos Flight Systems provides you 20 years of expertise thanks to a team composed by 100+ engineers and present in Spain, Portugal, UK, Romania and Italy. Our worldwide recognized background in the space sector, combined with our attractive rates and our breakthrough products, embody the turnkey solution for your business in space, with a guarantee of reliability, robustness and efficiency that will make your mission fly as it would have never done.

Flight Systems Unit Value Chain



FLIGHT SYSTEMS

Flight technology and solutions for your Space mission.

Deimos Flight Systems team is responsible for the flight segment of space missions: from mission design to trajectory calculation, from flight dynamics to GNC/AOCS, from OBSW to avionics. Our proven expertise covers a wide range of applications in Earth Observation, Space Exploration, Robotics and Atmospheric Flight.

We are trustworthy partner, as certified through a unique track record of success in the space sector, for classical and newspace missions, with solutions and technologies adopted in many ESA, European and Commercial programmes and products over the last 20 years:

→ **FLEX**

→ **Sentinel 3**

→ **FLEX**

→ **DEIMOS 1 and 2**

→ **EXOMARS**

→ **JUICE**

→ **IXV / SpaceRider**

→ **ClearSpace ADRIOS**

→ **ORBEX prime launcher**

→ **SAT4EO**

→ **NAVIGA**

FLIGHT SYSTEMS PRODUCTS

→ MISSION ANALYSIS TOOLS

Wide set of validated and customizable mission analysis tools for Earth observation mission design and performances, interplanetary trajectories optimisation and navigation, atmospheric entry control for Earth, Mars and Titan.

→ fly4EO

Our in-flight validated solution for FDS for LEO missions, it has capabilities of orbit propagation and determination, maneuver planning and calibration, events generation, collision avoidance strategy computation, EOL planning.

→ SAT4EO AOCS

AOCS turn-key product for high-performance low-cost LEO mini satellite missions. Qualified AOCS solution, based on a pre-defined AOCS OBC and interfaces, fully missionizable to customer mission needs.

→ INSIGHT4EO

On-board data processing avionics unit, for Earth Observation and small satellite missions, providing software defined on-board smart payload processing and autonomous satellite operations.



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