

space [www.sula.co.uk](http://www.sula.co.uk)

extensive experience in the  
engineering and project  
management of space projects  
from initial feasibility studies  
through to in-orbit  
commissioning



Sula 

# space

Sula has extensive experience in the engineering and project management of space programmes from initial feasibility studies through to in-orbit commissioning.

We provide innovative design solutions to the challenging scientific and technical requirements of earth and planetary observation.

Sula's success is driven by senior engineers and managers with many years experience working for leading UK prime contractors. Our strengths include our rigorous Systems Engineering approach, our detailed knowledge of mission environments and critical technologies, and our experience of the commercial processes throughout the life of a project.

Our core areas of expertise include:

## Passive microwave radiometry

Sula offers the capabilities to design, develop, integrate, test and verify complete microwave radiometers from 1GHz to 1THz for ground, air or space applications.

We work closely with science users in all project phases using our capabilities to develop innovative solutions for remote sensing.

## Mission design and analysis

Sula can perform orbit trade-off studies and constellation design for routine orbits, such as Sun Synchronous, Low Earth and Geostationary and less usual orbits, including L2, Interplanetary and Molniya. This involves the expert use of the Industry Standard STK tool and additional tools developed by Sula, to support ground segment design and observation strategies.

## Precision mechanisms

Sula's team has world-leading capabilities in the design and development of novel precision mechanisms and actuators for demanding applications. We work extensively with partners and customers, taking responsibility for leading key technical design activities at all phases including bid preparation, initial and detailed design, manufacturing, commissioning and test, and performance verification.

## Capabilities

Sula has all the capabilities needed for every stage of the project life cycle including:

- bid and project management
- systems engineering
- requirements capture and management
- trade-off analyses
- verification planning
- detailed design
- test development and execution
- post delivery support



## For more information

about Sula's space products, please contact us on 01453 844660 or email [space@sula.co.uk](mailto:space@sula.co.uk)

# Sula

