



## ENGINEERING CAPABILITIES

### Company Overview

Spacetime Development is an independent consultancy with over 20 years' experience supporting high-tech sectors with an emphasis on the space and satellite industry. Spacetime's services are engineering support, business development, bid writing, event planning and user experience.

Our Clients include the European Space Agency, Harwell Campus, Satellite Applications Catapult, Oxford Space Systems, the UK Space Agency, Bryce Space and Technology, and Space Store. Spacetime Development is a member of UKspace.

### Engineering Services Capability

Spacetime Development is ready and available to support Satellite Applications Catapult in its requirement for Engineering Professionals specializing in:

- Systems Engineering
- Control Systems
- Business Analysis
- Digital Communications
- Telecommunication Networks
- Digital System Design
- Photonics
- Image Processing and Machine Vision
- Aerothermodynamics
- Engineering Design
- 3D CAD Modelling & Simulations
- Bid writing and capture support
- Project management

### Differentiators

- Professionals from diverse engineering backgrounds (Aerospace, Mechanical, Electrical & Electronic, Oil & Gas, Renewables)
- Availability of services at short notice
- Project management from planning to delivery and follow-up
- Adaptability to your business needs
- Commitment to exceed our customers' expectation

## WHO WE ARE

- Stephen Ringler** A control systems engineer with a career spanning 20 years in the Space sector as a Pointing Precision Engineer, Programmatic Analyst and Business & Economic Developer, Steve has developed concept missions for NASA's Jet Propulsion Laboratory and supported work on the Ultraviolet Spectrograph Instrument on board NASA's Juno Mission.
- Vassilis Zakopoulos** A mechanical engineer with a career of 15 years in the Oil & Gas industry as Piping & Plant Layout Engineer, Vassilis is a recent Space Engineering graduate with a strong technical background in CAD and Engineering design, and a passion for Systems Engineering, Mechanisms & Structures, Space Radiation, and Energy Systems.
- Megan Trichler** Having an immaculate academic record that earned her a First-Class Master of Engineering in Aerospace & Space Technology from the University of Hertfordshire in 2017, Megan is an aspiring astronaut with three years of experience in the Defense industry. Her passion for all things related to space is reflected in her strengths that include Rocket Performance & Propulsion, CFD Techniques, Space Dynamics and Control Systems.
- Andreea-Bianca Florea** An Aerospace Engineer with an MSc in Space Engineering, Andreea brings key skills to the team, including structural design, CAD modelling and material selection. She has hands-on experience in assembly and testing of launch adapters and installation of electrical subsystems. In her spare time, she leads events aimed at raising awareness in space exploration and coordinates work on the Structure, Mechanisms & Thermal Control subsystem of ROSPIN-Sat-1 - the first Romanian Educational Cubesat.
- Lakshya Sethi** A multi-talented Aerospace Engineering Graduate with a knack for taking challenging tasks through to completion, Lakshya is experienced in MATLAB, CAD, robotics, and coding. His outstanding academic run earned him a first class Honours BEng degree from the Queen Mary University of London and the ability to work well under pressure.
- Dimitris Stemitsiotis** An Electrical & Electronic Engineering graduate with a robust academic background in energy management systems and telecommunications, Dimitris possesses strong analytical and problem-solving skills. He is proficient in the use of MATLAB (inc. Simulink), Microsoft Visual Studio, and Excel, enabling him to analyze complex data sets. Dimitris has supported hardware and software development and testing on multiple projects.

Spacetime Development is fully equipped to take on technical challenges and provide engineering support with predictability of outcome and minimum disruption to existing operations.

### Point of Contact

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