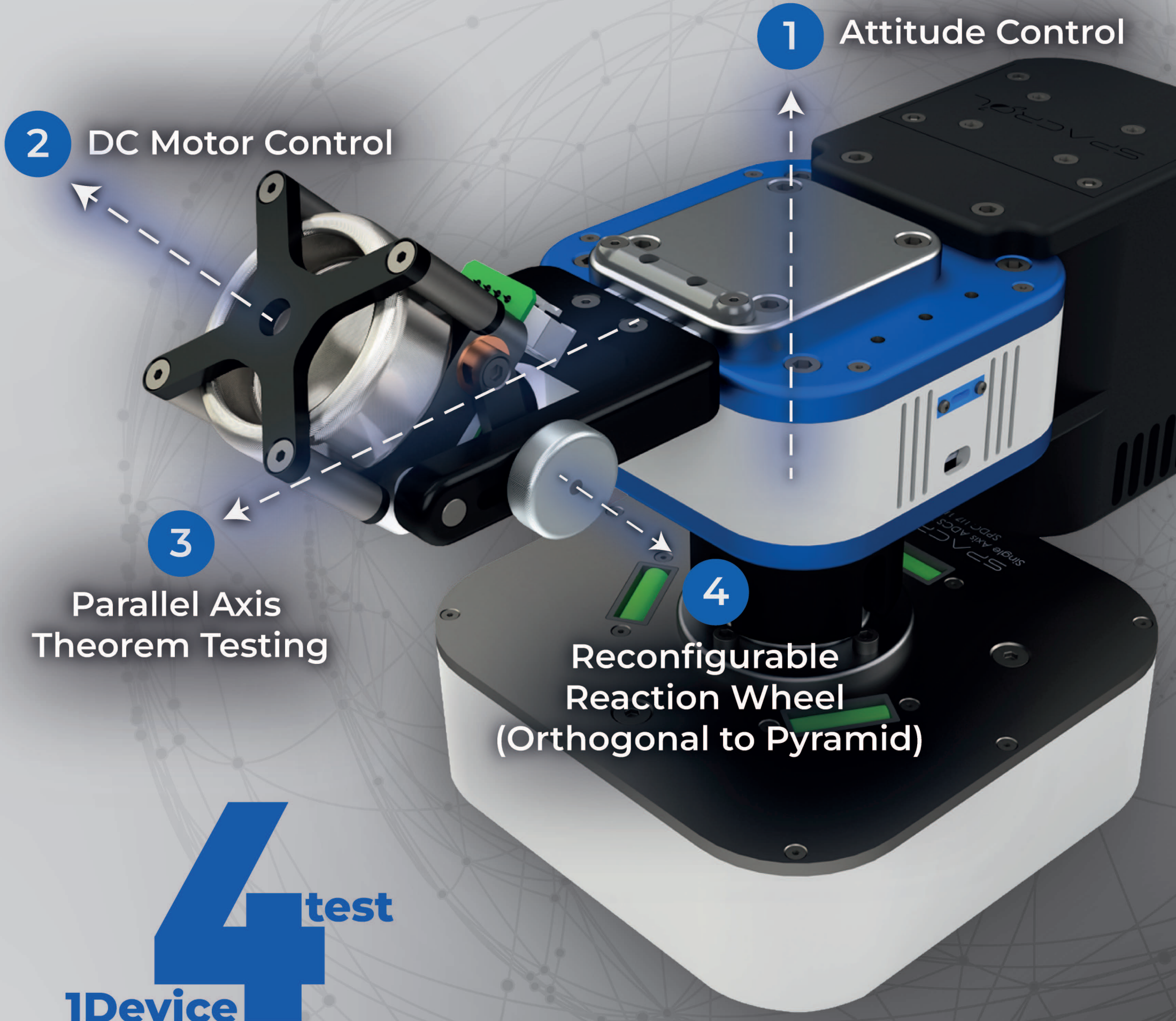


Single-Axis Attitude Control Test System

Hardware-in-the-Loop Platform



SPACROL Technology and Industry Inc.

ODTÜ Teknokent, Ankara, Türkiye
www.spacrol.com | info@spacrol.com



Advanced Drive System

Custom-designed PCB with high-resolution 16-bit PWM control.

Sensor

Integrated high-precision IMU for accurate attitude determination.

Telemetry

Dual control interface featuring high-speed USB Type-C and wireless communication.

HIL/SIL Ready

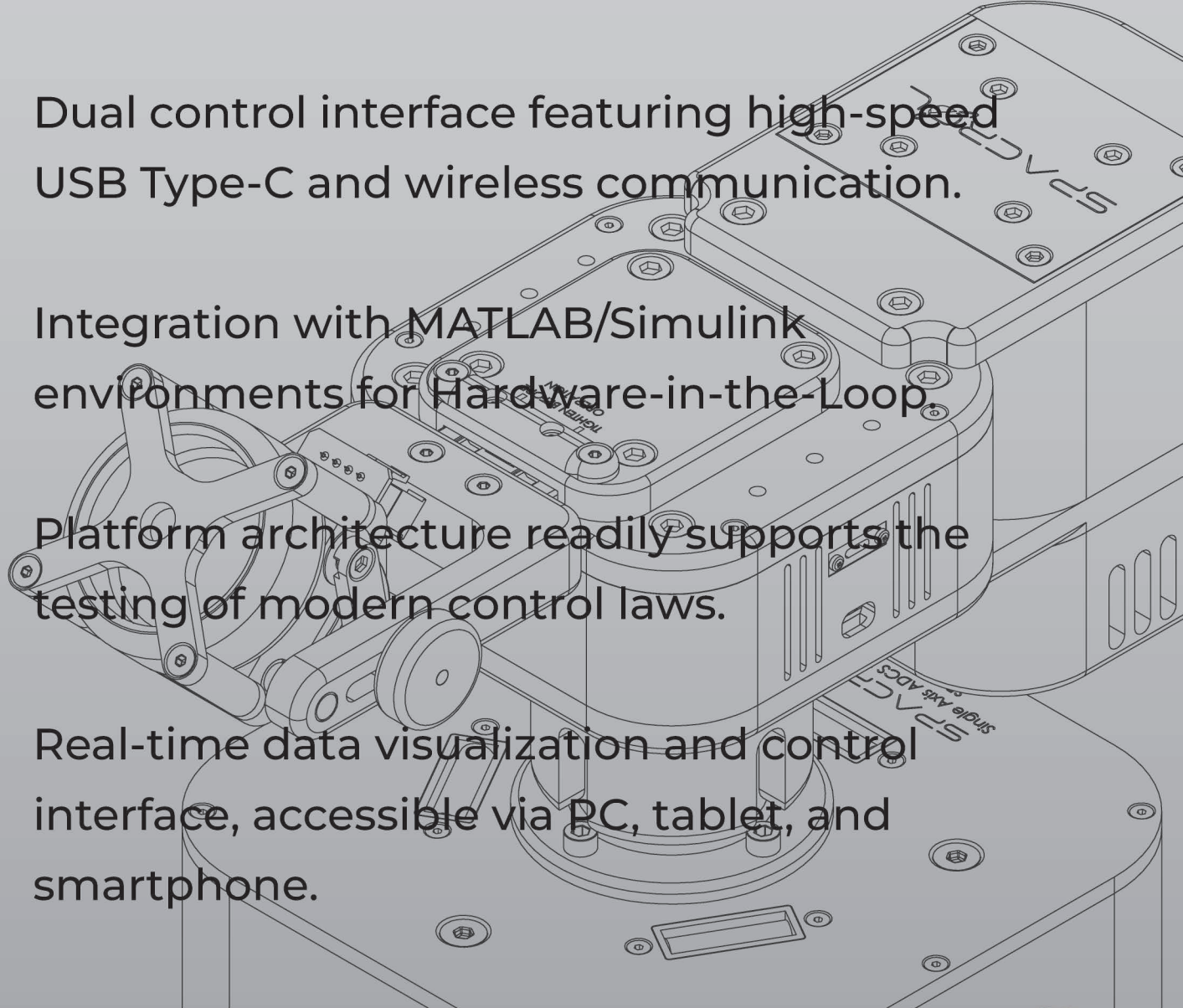
Integration with MATLAB/Simulink environments for Hardware-in-the-Loop.

Algorithm Support

Platform architecture readily supports the testing of modern control laws.

Multi-Platform GUI

Real-time data visualization and control interface, accessible via PC, tablet, and smartphone.



SPACROL

Built on Precision. Driven by Control. Designed to Explore.

SPACROL is a technology startup conducting advanced research and development activities in the field of aerospace technologies. With its expert team, it offers Attitude Determination and Control Systems (ADCS) and hardware-based test simulators, particularly for CubeSats and small satellites, as well as subsystem development solutions for the aerospace sector.

Driven by the mission to contribute to the advancement of aerospace technologies, SPACROL is rapidly accelerating its technological development through R&D projects. We design, manufacture, and integrate a wide spectrum of high-tech products, ranging from autonomous control software supported by machine learning and heuristic optimization algorithms to high-precision test equipment.

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Teknogirişim
Rozeti