S-PLANE

Innovation | Excellence | Integrity

Company Profile
Automation Innovation

S-PLANE is an internationally recognised aerospace company delivering comprehensive certification-ready Airborne Control and Automation, Communication, Ground Control and Simulation solutions for civilian and military fixed- and rotary-wing aircraft. S-PLANE combines its own and other market-leading products with system engineering, integration and testing support services to customise and deliver these Solutions. Most notably, S-PLANE Solutions are used to create certified and uncertified manned, unmanned and optionally piloted aircraft.

Company Profile

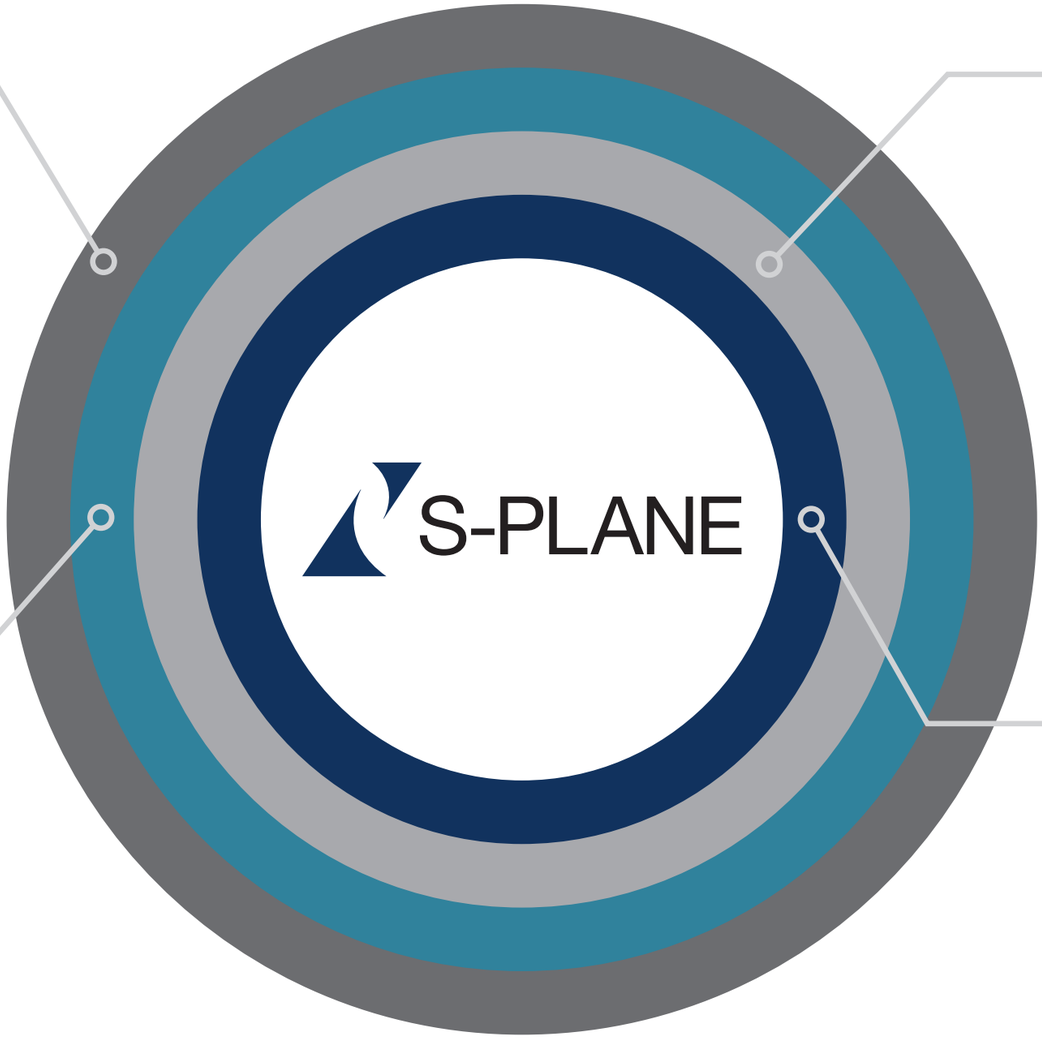
Introduction to S-Plane

Applications

- Manned and Unmanned ISR Mission Systems
- Optionally Piloted and Unmanned Aircraft Systems
- Advanced Air Mobility Aircraft

Aircraft Configurations

- Rotary- and Fixed-wing Aircraft
- Multirotor Aircraft
- Tactical mini-UAVs to MALE and HALE Aircraft
- GMTOW Typically 100 kg to 20+ ton



Solutions

- Airborne Control and Automation
- Ground Control
- Communication
- Simulation

Solutions

- Aircraft OEMs developing airborne systems
- Airborne system integrators
- MRO refits

Company Profile

Solutions and Products

Airborne Control and Automation

Comprehensive Airborne Control and Automation Solutions that transform manned and unmanned aircraft into fly-by-wire and fully automated Unmanned and Optionally Piloted Vehicles (UAVs and OPVs).

Ground Control

Robust and flexible Ground Control Station (GCS) solutions which support manned, unmanned, and optionally piloted aircraft systems and are tailored for a variety of configurations.

Communications

Seamless and reliable RF connectivity for both manned and unmanned aircraft, under both Line of Sight (LOS) or Beyond Visual Line of Sight (BVLOS) conditions.

Simulations

High-performance and comprehensive system-wide Simulation Solutions to support system and subsystem development, production, training, and maintenance. Typical functions include acceptance, verification and validation, qualification, and integration testing.

	AIRBORNE CONTROL	GROUND CONTROL	COMMUNICATION	SIMULATION
NX-FCU	Automation & ISR Mission		Automation & ISR Mission	
X-CUBE	Automation		Automation	
X-ADT	ISR Mission		ISR Mission	
X-RPU		Automation		
GCC		Automation & ISR Mission		
Paragon	Automation & ISR Mission			
X-GDT		ISR Mission	Automation & ISR Mission	
TRACKER+			Automation & ISR Mission	
XSIM-HILS				Automation & ISR Mission
XSIM-Workbench				Automation & ISR Mission
XSIM-Video				Automation & ISR Mission

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Information provided on this brochure is subject to change without notice.