

Company Profile

Automation Innovation

S-PLANE is an internationally recognised aerospace and defence company that develops solutions, systems and subsystems in which autonomous vehicles play a key role. Our highly qualified staff is well versed in professional, standards-based system, safety, software and hardware engineering and guided by our core values of innovation, excellence, integrity and efficiency. We pride ourselves in professional solution development, sensible business strategies and above all client satisfaction.





Innovation
Pushing Technology
Boundaries



Excellence
Competence,
Commitment, Precision



Integrity
Responsibility, Respect,
Relationships, Trust



Efficiency
Modern, Pragmatic,
Goal-Oriented



Defence
Rugged, Reliable,
Interoperable



Marine
Unmanned Patrol, Remote
Piloting, Underwater Inspection



Aviation
Optional Piloting, Conversion,
Certification



**Unmanned
Systems**
Surveying, Remote Sensing,
Robotics



Solutions
Border Patrol, Asset Protection,
Intelligence & Surveillance



Systems
Air, Land, Sea, Underwater



Subsystems
Navigation, Control, Power, Payload

Values

Markets

Offering

S-F
AUTOMATIC

PLANE

ON (PTY) LTD

Capabilities



Hardware & Software Development

Design for Reliability,
Safety Critical Design



Solution Engineering

Conceptualisation, Architectures,
System Engineering, CONOPS



Navigation and Control

Modelling, Dynamics, Multivariable
Control, Algorithms, Simulation



Aerodynamic Design

Stability, Controllability,
Manoeuvrability, Performance



Lifecycle Support

Manufacturing, Qualification,
Training, Maintenance, Support



Capability Development

Local Participation, In-Service
Training, Cooperative Development



Training

Academic, Project-Based,
Operational, Maintenance



Support

Local Presence, Enable Self-
Sufficiency, Comprehensive Off-Site



Integration

CONOPS, Architectures, IVV, Flight
Testing, IOC, FOC

Services

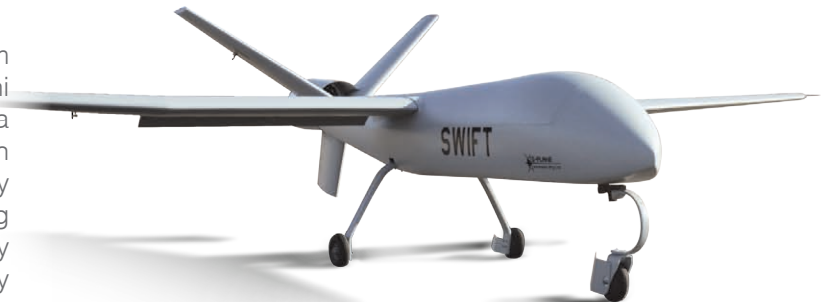
■ Solutions

S-PLANE develops and supplies customer-focused solutions through the application of both manned and unmanned systems technology. Tied together by S-PLANE's rich suite of information sharing and force coordination tools, people, systems and operational elements are tightly integrated to comprehensively satisfy end-user requirements and effectively meet desired end-goals.



■ Systems

S-PLANE offers both off-the-shelf and custom unmanned systems, ranging from high-end mini UAVs to Tactical and MALE UAVs, land and sea vehicles, and related information communication systems. These sophisticated and highly functional assets are built or fast-tracked using S-PLANE's range of subsystems and technology building blocks, combined with third-party elements where appropriate.



■ Subsystems

S-PLANE offers a comprehensive range of state-of-the-art subsystems for unmanned vehicles of all types. Applied to our own systems or as elements of third party systems, these units provide the latest in technology, standards, reliability and maintainability. Designed for modularity, scalability and ruggedness they are able to robustly accommodate the wide variety of form, fit and function requirements faced by unmanned system developers.



Contact Details

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