



Mission-Ready Autonomy.
Proven in Combat.
Built for Tomorrow.

Powered by Robotto Defence Software



Autonomy for the Modern Battlespace

Robotto provides mission-ready defence software tailored for modern conflict, capable of operating in GNSS-denied environments. With an autonomy stack that facilitates real-time decision-making, precision targeting, and minimises operator burden without relying on cloud infrastructure.

Built for MoD Procurement.
Ready for Deployment.

- Hardware-agnostic: You choose how it's deployed
- Battle-proven
- Designed for rapid deployment across tactical missions.

We offer a flexible licensing model with no hardware lock-in, enabling seamless integration across existing drone fleets and ground systems.

Autonomy That Performs Under Pressure



Mission Assurance Under EW Conditions

Maintains functionality even when GPS or video feeds are disabled—ensuring continuity in electronic warfare zones.



Various Mission Profiles

Supports air-to-air, air-to-ground, and land-based navigation across loitering munition and CUAS platforms.



Operator Load Reduction

Enables operators to focus on high-value decisions while autonomy handles piloting and strike execution.



Procurement Efficiency

Software licensing and platform-agnostic deployment reduce acquisition complexity and long-term costs.



Continuous Iteration & Upgrades

Modular architecture allows rapid software improvements and mission-specific tuning—without hardware changes.



Precision & Reliability

Proven high hit rates and autonomous terminal guidance ensure effectiveness in contested environments.

One Stack. Many Platforms.

Robotto's autonomy software is already deployed across a growing catalogue of unmanned aerial systems (UAS), with proven performance in combat zones.

20+
Platforms



Unlimited
Activation & Software Licensing

Flying on and more:



OCTAVA
DEFENCE



RSI Europe
MILITARY IoT



SHERSH

Small text below SHERSH logo.



From Front Line to Command Centre

Robotto's autonomy software has been deployed in live combat environments, delivering measurable results under pressure.

99.99% Hit Rate:

Achieved during a precision strike mission in a GNSS-denied zone.

40% Reduction in Operator Error:

Thanks to intuitive interfaces and mission safeguards.

Accelerated Kill Chain:

Onboard decision-making eliminates uplink delays, enabling faster engagement.

Battle-Proven:

Integrated across multiple platforms currently in use by the Armed Forces of Ukraine.

Robotto doesn't just perform in simulations—it delivers in the field, where reliability and speed save lives.



Front Line Customer Feedback

Mission Snapshot

In a recent deployment, Robotto enabled a precision strike on a high-value target in a GPS-denied zone. The mission achieved a 99.99% hit rate and reduced operator error by 40%.

What sets Robotto apart is the balance between advanced functionality and real-world usability. The interface is intuitive, the performance is stable under pressure, and the features are clearly developed with end-user needs in mind—not just for demo-day slides.

Defence Customer, Ukraine

Robotto is both smart and practical—and that's exactly what we need.

Defence Customer, Ukraine

Built for the Battlefield.
Designed for the Future.

*For defence ministries and tactical operators seeking
autonomy that performs under pressure.*

An aerial, top-down view of a dark-colored military vehicle, possibly an armored car or light tank, driving on a light-colored dirt or gravel road. The vehicle is positioned on the left side of the frame, moving towards the bottom. The background is a textured, uneven ground surface.

Unlimited Tactical Reach.

Robotto's defence autonomy software is designed to operate independently of hardware constraints. Whether deployed on quadcopters, fixed-wing platforms, or loitering munitions, our software adapts seamlessly to mission-specific needs.

Hardware-Agnostic Architecture:

No vendor lock-in. Robotto integrates across 20+ platforms with minimal reconfiguration.

Modular & Scalable:

Embeddable autonomy modules allow rapid adaptation to ISR, CUAS, and strike roles—without rewriting core systems.

Licensing Flexibility:

Unlimited activation across fleets, enabling scalable deployment without procurement bottlenecks.

Interoperability by Design:

Compatible with NATO STANAGs and existing ground control systems for frictionless integration.



Robotto Features



GNSS-Denied Navigation

Navigate confidently in jammed or spoofed environments using inertial and visual cues.



Terminal Navigation

Precision guidance for loitering munitions and GUAS missions, even without GPS.



Target Re-Selection

Feature requested by front-line pilots. Re-select targets whilst onboard processing is in control of flight and nav.



Mission Safeguards

Built-in safety overlays and jamming/spoofing countermeasures reduce operator error and increase mission assurance.



Cruise Control & Stealth Mode

Maintain autonomous flight in radio silence, immune to jamming and spoofing.



Automatic Target Recognition (Planned)

AI-assisted target detection with human validation for improved engagement.



Target Selection

Visually select and dynamically reassign targets mid-mission without restarting the flight plan.



Optical and Window Zoom (2X)

Full HD digital zoom enhances visibility for surveillance and target confirmation up to 2 km.



Dynamic Tracking (Coming Soon)

Ability to track moving targets up to 40 km/h leveraging existing first in class target lock algorithms.

Spectre

Software Powering Fixed-Wing Platform for Loitering Munition



Watch Video



Turnkey Software Features

	Strike	Spectre
Hardware Compatibility	Quadcopter	Fixed-Wing
GNSS-Denied	✓	✓
Autonomous Mission Safeguards	✓	—
Air-to-Ground Terminal Navigation	✓	✓
Air-to-Air Navigation	—	—
Target Re-Selection	✓	✓
Cruise Control	✓	beta
Optical & Window Zoom (2x)	✓	✓
Static Tracking	✓	✓
Dynamic Tracking	beta	—
Automatic Target Recognition	planned	planned

Support & Evolution



*24/ Customer
Support*



*ISO 9001-aligned
development*



*Continuous Iteration
& Upgrades*



*Pilot Training &
Integration Support*



*Combat-
Proven*



Learn More at Robotto.ai