DroneControl
Swiss Engineered, Swiss Precision

THE TOTAL DRONE
SOFTWARE ECOSYSTEM FOR

PROFESSIONAL DRONE OPERATIONS

DroneControl provide a highly secure European drone ecosystem for Professional Drone Operations.

Our Total Software Ecosystem includes a European Flight Application and a Secure Web-Based Portal, providing Pilot and Team Organisation, Automated Flight Log inc. Pre and Post Flight Checklists and Integrated Fleet Management, Flight Planning and Risk Assessment Tool and Instant Media Upload and Storage.

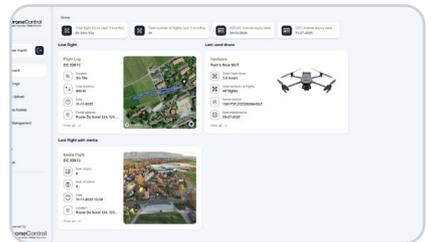info@dronecontrol.co   **dronecontrol.co**

OUR SOLUTIONS

DRONECONTROL FLIGHT APPLICATION

Empower your drone teams with a European Flight Solution including secure, real-time drone control, HD video streaming and instant geolocation identification. Ideal for police, fire, search&rescue, private security and public safety operations.

TOTAL DRONE SOFTWARE SOLUTION FOR PROFESSIONAL ORGANISATIONS

Our mission is to provide the total drone software solution for professional operations through our secure web-based portal ensuring 100% regulatory compliance with minimum admin.

INTEGRATION WITH EXISTING SOLUTIONS

Integration is the future of public safety and the drone industry – our cutting-edge drone management solution is flexible to be fully integrated into your existing operations.
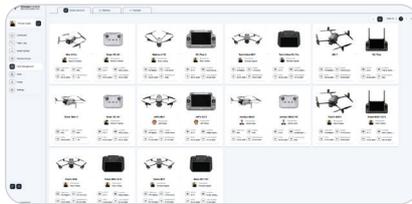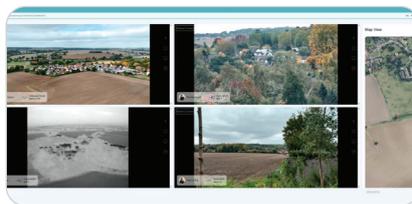
Pilot, Fleet and Document Organisation

- Full Pilot license and certificate management
- Digital Pilot Log Book
- Equipment and Operational Manual Storage and Access
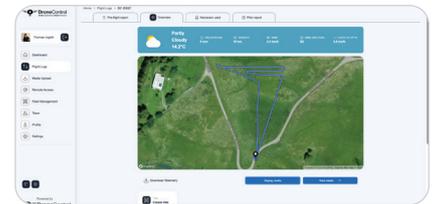- Automated team compliance management

Integrated Fleet Management

- All critical Drone, Battery, Payload and Remote-Control data automatically uploaded to portal
- Conforms to manufacturer and regulatory requirements
- Automated Service tracking & prompts
- Fault reporting and notification
- Firmware update – logging and monitoring

Remote Access – Live Operations

- Monitor every active drone at once with live video, interactive maps, flight tracks and geolocation — all on one unified mission screen.
- Encrypted ultra-low-latency streaming delivers mission-grade remote visibility with secure WebRTC video that scales across teams and agencies.
- Command-centre situational awareness with multi-drone grid views that auto-adapt to the number of aircraft in the air.
- Make remote decisions with confidence using live sensor orientation, FOV cones, precise positioning and What3Words-powered location accuracy.
- Take action without switching screens: authorised users can control cameras, trigger sensors or assume flight control directly from the Remote Viewing Screen (RVS).

Automated Flight Log Management

- Compatible with CAA, EASA, and FIA regulations
- 80% of data inputs are fully automated
- Customisable for organisational needs
- Instantly uploaded to portal for significant admin reduction and improved data accuracy
- Flight review capability for post event analysis
- Consolidation of data for organisational management and tracking
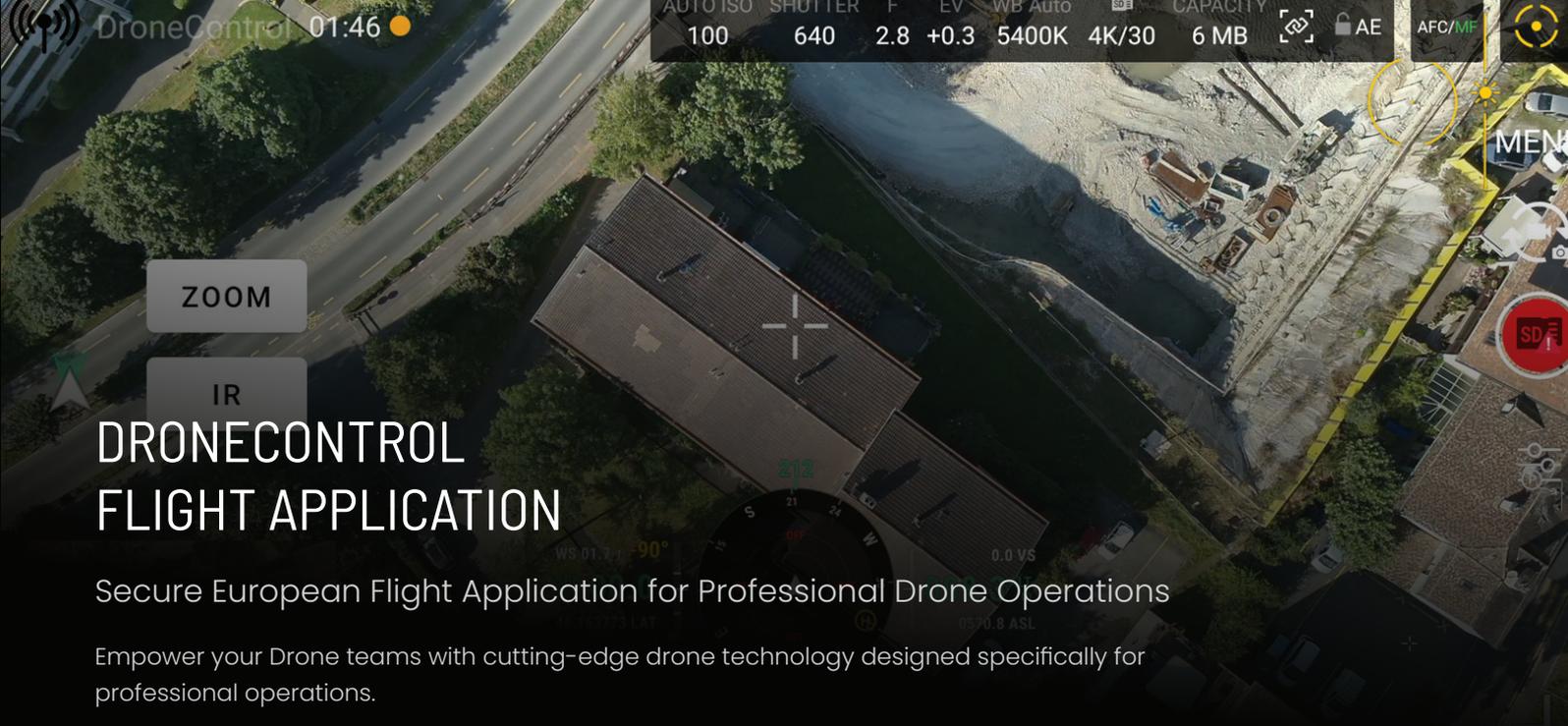

Instant Media Upload and Storage

- Live photo and video uploads during flight-each image & video captured appears instantly in your portal.
- End-to-end AES-256 encryption and optional on-premises or locally hosted deployments.
- Automatic time-stamps, geo-tags and flight-log association for full traceability.
- Dramatic workflow reduction: manual file handling eliminated; minutes-long processes cut to seconds.
- Built for enterprise scale: mission-grade reliability across inspections, public-safety, enterprise workflows.

Flight Planning and Risk Assessment Solution

- Pre Planned flight tool with interface to local authorities
- Instant flight planning tool on GCS for emergency incidents
- Visual geofence of flight plan within the flight app to ensure compliance
- Risk assessment capability

TOTAL DRONE SOFTWARE ECOSYSTEM

Providing regulatory compliance with minimal admin allowing for more, safer flying

Streamline your drone operations with our all-in-one software ecosystem, ensuring regulatory compliance and operational efficiency.

ZOOM

IR

DRONECONTROL
FLIGHT APPLICATION

Secure European Flight Application for Professional Drone Operations

Empower your Drone teams with cutting-edge drone technology designed specifically for professional operations.

Highly Secure European Flight Solution

- Replaces the need to use the native drone software
- Mimics all key features and benefits
- Customised to enterprise use
- Encrypted two-way audio channel

Ultra-low Latency Encrypted Live Streaming

- Stream HD video with industry leading latency under 200ms
- Real-time situational awareness for informed decision-making to 1000's of viewers
- Secure WebRTC peer to peer encrypted data stream over DTSP SRTP protocols

Ultra-Responsive Remote Control

- Take control of the drone and camera gimbal from any location
- Control with virtual joysticks, mouse, keyboard and compatible with gaming controllers
- Pilot on-site acts as a spotter ensuring compliance with VLOS regulations

Instant Geolocation Identification

- Fully integrated with what3words and mapbox (postal address)
- Allows instant location identification on Ground Control Station and Remote Viewing screen
- Calibrated with the drone's position and utilising the laser range finder for location identification up to 1.3km away.

Instant Pin Drop Sharing

- Pins dropped in Flight Application instantly appear in Remote Viewing screen
- Immediate highlighting of subjects/area of interest for remote viewer
- Pin information includes postal address and what3words location for improved incident response

Guaranteed Advanced Security Protocols

- End-to-end encryption for all data transmissions
- All data stored on partner's local market servers
- Fully audited penetration and network analysis for ultimate transparency with partners
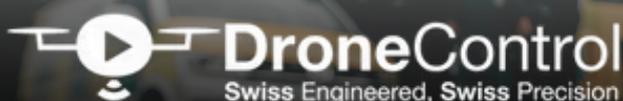
PARTNERED WITH GLOBAL INDUSTRY-LEADING DRONE EXPERTS

DroneControlPro Swiss Engineered, Swiss Precision	**DroneControlBase+** Swiss Engineered, Swiss Precision	**DroneControlBase** Swiss Engineered, Swiss Precision
DroneControl Pro is the complete, fully automated DroneControl experience. It includes advanced mission workflows, encrypted live operations, deep auditing, and comprehensive organisational management.	Adds live streaming from the native DJI apps via URL RTMP feed. Ideal for teams who basic situational awareness.	The foundational DroneControl plan for fleet oversight, compliance, and organisational structure.
DJI Enterprise drones only	All DJI Enterprise, Consumer & Legacy drones Other brands added as requested	All DJI Enterprise, Consumer & Legacy drones Other brands added as requested
• DroneControl Flight App (native-style interface mimicking DJI apps) • Secure Enhanced Streaming (WebRTC encrypted) • Instant Geolocation & Live Mission Maps • Remote Access (multi-view + remote control) • Automated Flight Log Management and check lists • Instant Media Upload (HD photos & videos) • All Base features plus automated upload • Full ecosystem access	• All Base features • RTMP livestreaming from DJI Fly / DJI Pilot • Stream directly into Remote Access • Multi-viewer capability • Suitable for mixed DJI fleets	• Pilot & Team Organisation • Integrated Fleet Management • Manual Upload of DJI .TXT Flight Logs • Organisational multi-team structure • Flight Planning and Risk Assessment Tool • Entry-level integration with the ecosystem

DroneControl Flight App (Standalone Plan)	This plan gives teams access to the DroneControl Flight App without the full DroneControl Pro bundle — ideal for teams focused on better streaming, better visibility, and operational simplicity, while maintaining familiar flight workflows. The DroneControl Flight App provides a native DJI-style experience with a modern, streamlined interface, adding capabilities unavailable in DJI's apps.	DJI Enterprise drones	• Highly Secure European Flight Solution • Ultra-low Latency Encrypted Live Streaming • Ultra-Responsive Remote Control • Instant Geolocation for real-time mission awareness • Instant Pin Drop Sharing