



# REMOTE DRONE PILOT

**Position:** Remote Drone Pilot  
**Reporting Line:** Head of Technology

## Join Our Team at FS Systems - We Protect Lives and Assets through Technology!

FS Systems has been on a journey for more than 50 years to protect lives and assets through cutting-edge fire and enterprise security technology. We're looking for a dynamic and passionate Remote Drone Pilot to join us on this journey. If you're someone who thrives in a challenging, fast-paced environment and wants to be part of a company that values innovation, integrity, and excellence, then this is the role for you.

## Who We Are

At FS Systems, we specialize in providing end-to-end Life Safety and Electronic Security Solutions for commercial clients. Our services include the design, installation, and maintenance of Life Safety Systems and Electronic Security Systems across Southern Africa. We pride ourselves on our commitment to innovation, excellence, and delivering top-tier solutions to our clients.

## Why FS Systems?

**Innovative Environment:** Work with the latest technology in security and life safety systems and be at the forefront of innovation in our industry.

**Growth Opportunities:** We believe in nurturing talent and providing opportunities for personal and professional growth within a supportive team environment.

**Team Collaboration:** Be part of a team that values collaboration, integrity, and a commitment to delivering top-notch service to our clients.

**Results-Oriented Business:** At FS Systems, we believe that with autonomy comes the responsibility of delivering results. You will have the freedom to manage your tasks, but with that freedom comes the expectation to consistently achieve excellence.

## Purpose of this Role

The Remote Drone Pilot will be responsible for executing Beyond Visual Line of Sight (BVLOS) missions for international clients, leveraging advanced drone operation platforms. Based remotely in Cape Town, the pilot will operate DJI Dock 2/3 Platform drones, semi-autonomously to perform surveillance, inspection, and data collection tasks. This role plays a critical part in delivering high-precision aerial insights while ensuring safety, compliance, and operational efficiency in diverse environments.

## Key Responsibilities

### Drone Operations:

Execute and oversee remote **BVLOS** (Beyond Visual Line of Sight) drone missions across diverse international airspaces.

Monitor live drone flights, making real-time adjustments to address operational requirements or unforeseen variables.

Maintain seamless integration between drone systems and electronic security infrastructure for optimized operational performance.

Liaise with on-site personnel and local stakeholders to coordinate flight logistics and mission objectives.

**Strategy & Risk Assessments:**

Conduct detailed mission planning with Presales and Technology Engineer, including route analysis and environmental risk evaluation.

Perform comprehensive pre-flight system checks and risk assessments to ensure mission readiness and safety.

Analyse flight telemetry and visual data, producing detailed post-mission reports and recommendations for process improvement.

**Regulatory Compliance:**

Ensure full compliance with South African Civil Aviation Authority (SACAA) regulations.

Adhere to international drone operation standards and airspace requirements for each region of operation.

Stay updated on evolving global drone legislation and implement necessary operational adjustments

**Equipment & Safety Management:**

Conduct regular maintenance checks and diagnostics on drone hardware and software systems.

Ensure all drone equipment, communication systems, and safety protocols are in optimal working condition before and after each mission.

Troubleshoot and resolve any technical issues promptly to avoid operational downtime.

**Minimum Requirements (What We Need from You)**

- Valid **SACAA Remote Pilot License (RPL)** with **BVLOS rating**.
- In-depth knowledge of drone flight regulations and best practices.
- Experience operating remote or autonomous drone systems (e.g., DJI Dock, FlytBase, FlightHub).
- Strong problem-solving skills and ability to operate independently under pressure.
- Instructor rating and/or prior hands-on BVLOS mission experience is a strong advantage.
- **Willingness to work flexible hours, including after-hours, night shifts, weekends, and public holidays** to support international operations.

**Ready to Join Us?**

If you're ready to take on the challenge and be part of a company that's redefining the Life Safety and Security industry across South Africa, apply today! At FS Systems, we believe in rewarding talent and hard work, so if you have what it takes, we want to hear from you. FS Systems is an Equal Opportunity Employer. We encourage applications from all backgrounds and are committed to fostering a diverse and inclusive workplace.