



Swatter

SPG Vanguard System

www.swattercompany.com
info@swattercompany.com

1. C-UAS Opportunities
2. Swatter's C-UAS Solution
3. Line History & Background
4. Swatter's C-UAS Future Solution
5. C-UAS Market
6. Growth & Investment
7. Business Network & Partners

C-UAS Opportunities (Civil Applications)



Public Safety

Law Enforcement
Airport Security
Public Event



Infrastructure Protection

Urban Airspace Management
Critical Infrastructure



Privacy Security

Commercial Event Security
Corporate Security
Privacy Protection

C-UAS Opportunities (Defense Applications)



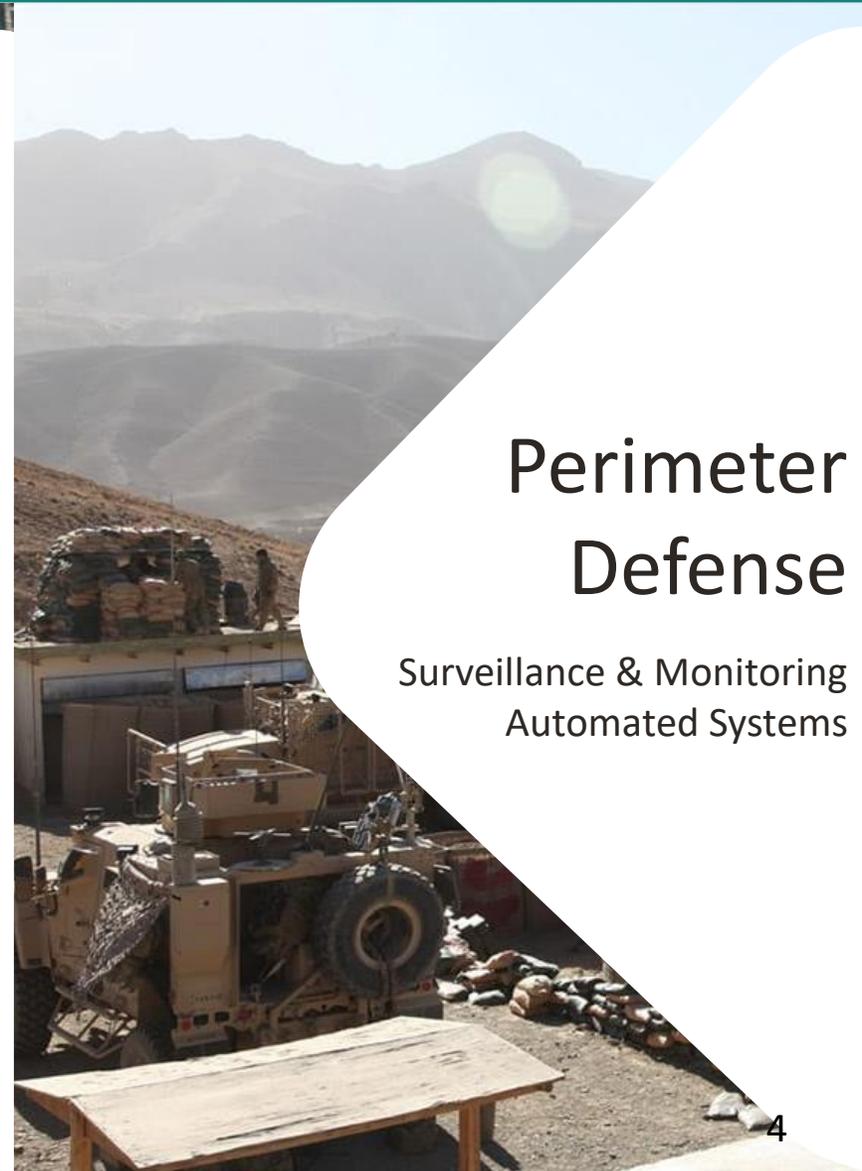
Battlefield Protection

Drone Detection
Drone Neutralization
Electronic Warfare



Protection of Military Assets

Mobile Convoy Protection
Naval & Air Defense



Perimeter Defense

Surveillance & Monitoring
Automated Systems

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SPG Vanguard System



SPG (Swatter Portable Gun)

SPG Vanguard System



C3S (Control Station Swatter Systems)





Jamming Remote Control

Jamming GNSS Systems

Spoofing Technology

Divert UAS to Safe Zone

Secure Authentication

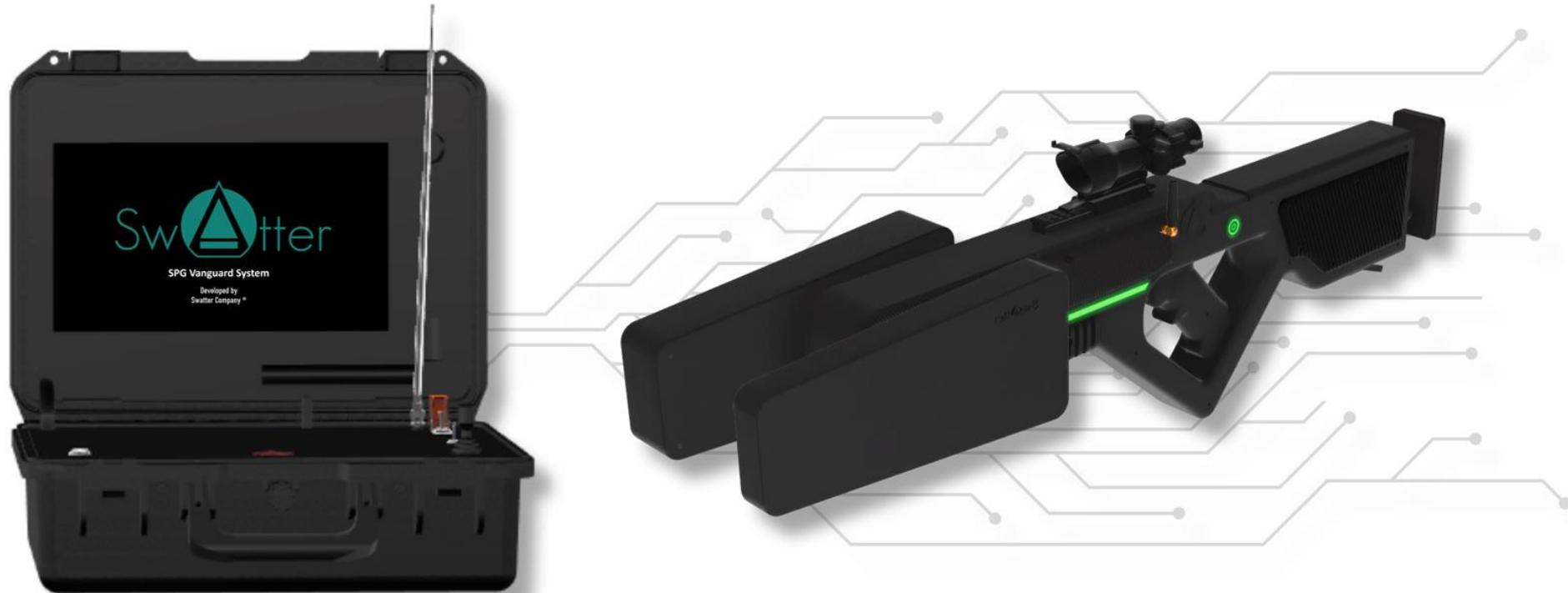
Real Time Monitorization

Quick Change Antennas

What the
competition has

Differentiation
from the
competition

System Features



TRACK SPG REMOTELY:



GEOPOSITION



STATE (ON/OFF/TX)



BATTERY LEVEL

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Our mission



The [Swatter Company](#) is a Portuguese startup founded in 2021 with the aim of developing innovative Defense & Security solutions.



João Gaspar

MSc Telecom and Computer Eng

- Product Design
- Development of Hardware & Software



Nuno Souto

PhD Electro and Computers Eng

- Management of R&D Developments
- Tech innovation



Pedro Sebastião

PhD Electro and Computers Eng

- Customer Acquisition Strategies
- International Relations



Renato Branco

PhD Info Science and Tech

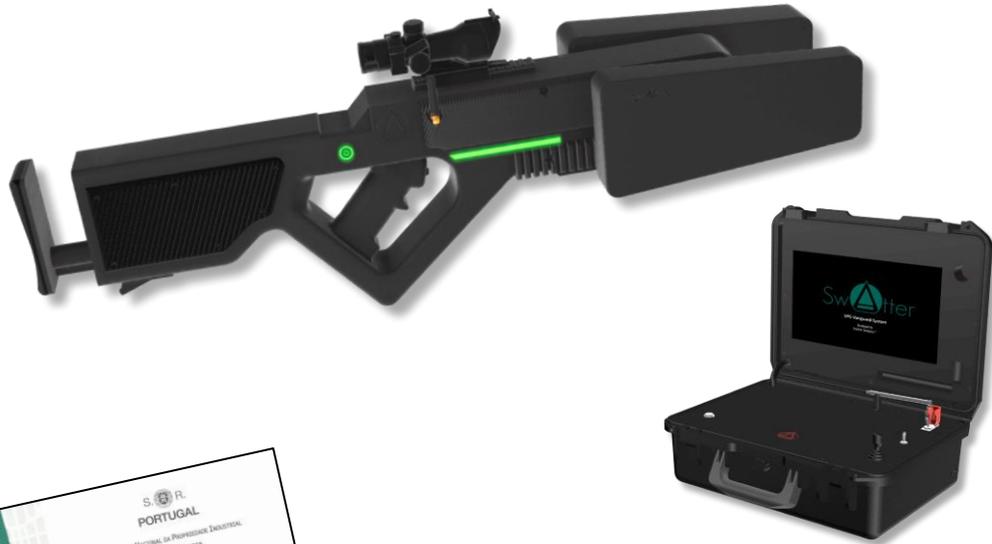
- Jamming & Beamforming
- Branding & Market positioning

R&D in CUAS solutions since 2017.

- **November 2018:** Team begins R&D on the CUAS solutions for PhD programs
- **October 2019:** Anti-UAS Mobile System V1 prototype achieved with jamming capabilities
- **February 2021:** Swatter Company founded in partnership with Portugal Ventures
- **March 2022:** Anti-UAS Mobile System V2 prototype achieved with spoofing capabilities
- **October 2022:** SPG Vanguard System (MVP) achieved
- **April 2023:** First demo as proof of concept with GNR (National Republican Guard)
- **May 2023:** Participation in ARmy Technological EXperimentation (Portuguese Army)
- **September 2023:** Participation in Robotic Experimentation and Prototyping Augmented by Maritime Unmanned Systems (Portuguese Navy)

- **November 2023:** Approved by the National Innovation Authority as an R&D qualified StartUp
- **May 2024:** Licensed for trade and industry in military goods and technologies
- **June 2024:** Pilot demonstration & equipment sell to the Judicial Police
- **June 2024:** Participation in ARmy Technological EXperimentation (Portuguese Army)
- **September 2024:** Participation in Robotic Experimentation and Prototyping Augmented by Maritime Unmanned Systems (Portuguese Navy)
- **November 2024:** Pilot demonstration & equipment sell to the Portuguese Army
- **February 2025:** Pilot demonstration & equipment sell to the Portuguese Navy
- **March 2025:** Accreditation for access to confidential information (EU secret)
- **March 2025:** C-UAS Prize Contest - FRONTEX

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SPG Vanguard System



PT 115663 B



Sistema Móvel para Imobilizar e Desviar Drones Não Autorizados



SAS (Swatter Aerial System)

PCT/IB2021/057947



A portable equipment for transporting countermeasure devices

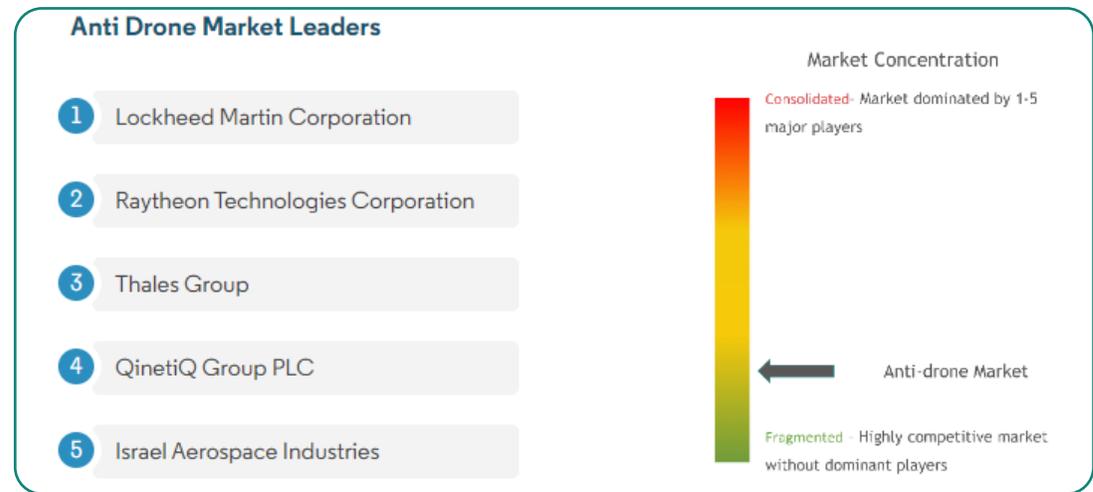
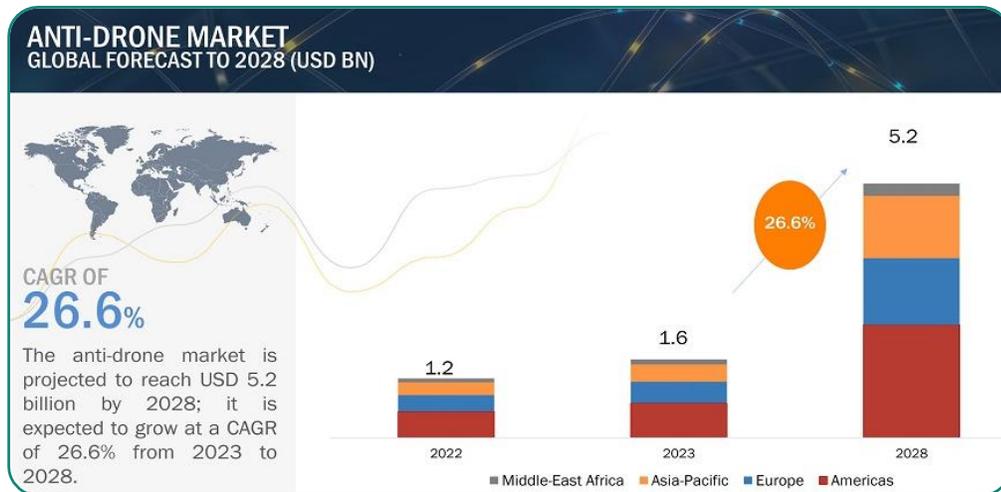
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Method and system for intercepting and Controlling target-drones

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- **Market Value in 2024:** valued at approximately \$1.93 billion in 2024.
- **Projected Growth:** CAGR 26.6%, expected to reach \$5.76 billion by 2029.

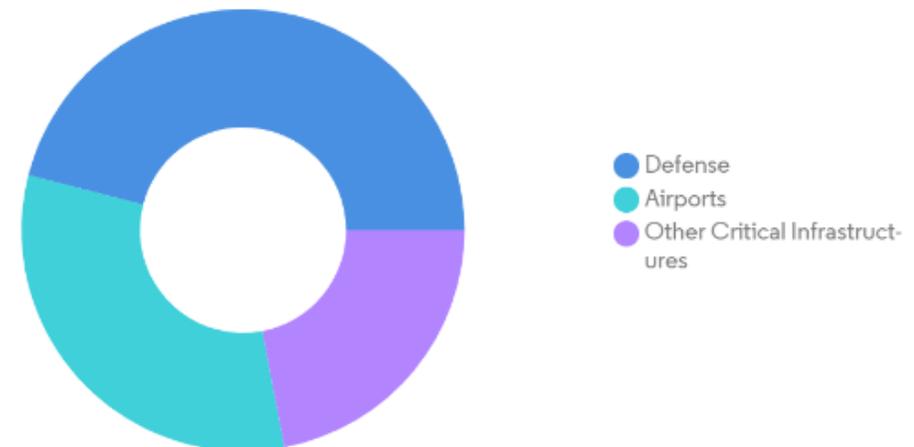


Sources: Mordor Intelligence & Market and Markets.

- **European Market Potential:** a 5% share of that anti-drone market represents a value of \$19.3 million.
- **American Market Potential:** a focus on the United States and Brazil, capturing a 2% of that anti-drone market, represents a value of \$17.37 million.



Anti-drone Market: Revenue Share (%), by Vertical, Global, 2021

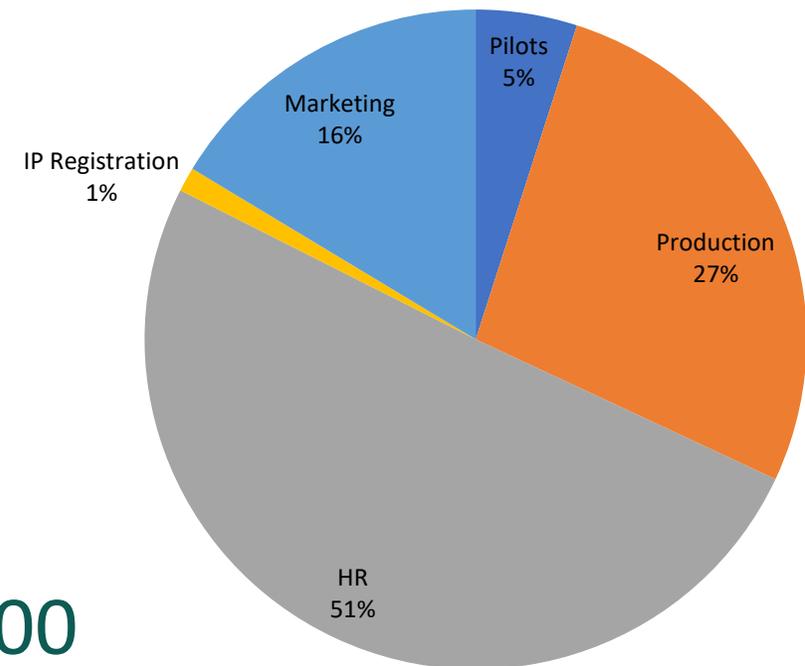


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Main Investment Focus

- Fast reach of TRL9 (CUAS)
- Team Growth
- International in CUAS fairs & events
- Develop the production & assembly line
- Develop the innovation center

Application 2025/26



Seeking Investment Amount = €1 000 000

Portugal Ventures supports investment round with €200 000

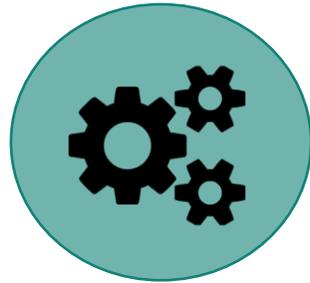
Roadmap 2025/2026

**Capital injection
1ªPhase €450K**



**1. Seed funding
round**

Q1-2025



**2. Products ready
to Market (TRL9)**

Q2-2025



**3. Defense &
Security Events**

Q3-2025



**4. Go-to-Market
(Pilots & Demos)**

Q4-2025

**Capital injection
2ªPhase €550K**



**5. Purchases
& Contracts**

Q1-2026



**6. International
expansion**

Q2-2026

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Partners and Contacts:

- **Portugal Ventures:** Investment Partner
- **Audax_ISCTE:** Swatter is incubated in the Entrepreneurship and Innovation Centre of ISCTE-IUL
- **ISCTE-IUL:** MSc & PhD students, professors and researchers from ISCTE-IUL
- **IdD Portugal Defence:** Bridge with the branches of the armed forces and international fairs
- **Portuguese Navy:** Partnership for R&D of innovative equipment and equipment testing
- **Portuguese Army:** Partnership for R&D of innovative equipment and equipment testing

Pilots & Demonstrations

HPDrones

Private Partner Company



GNR

Portuguese Safety Entity



ARTEX24

Portuguese Army





“Continuous innovation is the best way to beat the competition”.

Thomas Edison