

ASX:DRO

March 2022

Investment Highlights



World leading proprietary AI platform for protection against drones

Leverage to the global defence and security technology sector. \$10bn counterdrone addressable market, in addition to electronic warfare and tracking systems markets

Sales pipeline of \$140m for 2022 and \$175m for 2023

Best in class customer base including Department of Defence, US Air Force, US State Department

FY21 revenue more than doubling to \$10.5m, cash receipts almost tripling to \$14.8m

Approaching an inflection point with receipts from existing customers rising from \$2.2m in 2020 to \$9.9m in 2021

Executive Summary



DroneShield Overview

- Founded in 2014 and listed on the ASX in June 2016, DroneShield (ASX:DRO) provides **Artificial Intelligence based platforms** for **protection against** advanced threats such as drones and autonomous systems
- Offers hardware and software solutions that detect and safely neutralise small drones (unmanned aerial vehicles or "UAS") used for nefarious purposes, such
 as high-tech warfare, terrorism, contraband delivery, and airport disruptions
- Key customers include military, intelligence community, Homeland Security, law enforcement, critical infrastructure, and airports globally

Financial Highlights

- FY21 (Dec YE) Revenue up 94% to \$10.5m
- Cash Receipts up 174% to \$14.8m
- \$250m+ near term project pipeline (\$160m for 2022 projects)
- \$9.5m cash in bank (as at 31 Dec 2021)

Business Model

- Two streams of revenue: hardware (drone detection and defeat devices) and SaaS (device software updates)
- Sales through an experienced in-house veteran salesforce with distribution partners across over 100 countries
- Regular software updates for hardware products and the upcoming launch of DroneSentry-C2TM (Command-and-Control software) expected in Q2 2022 as a standalone subscription product will lead to a significant proportion of SaaS revenue over the next 5 years
- R&D contracts are expected to rapidly increase, representing an exciting opportunity to develop very advanced capability in-house, and in the process, attracting and upskilling very talented engineers

Proprietary Al Technology

- Underpinning all hardware products are the Company's proprietary Al-enabled threat awareness software engines RFAITM and DroneOptIDTM
 RFAITM and DroneOptIDTM are machine learning and Al based detection and classification software, utilising proprietary techniques to undertake real-time
- detection and identification of unmanned robotic systems and, more broadly, other potential threats in the ISR and Electronic Warfare fields
 The result is a dramatic increase in detection responsiveness, lower false positives and a significant increase in the speed at which new threats are detected, classified and tracked by DRO systems.
- Customers receive **regular software updates** via enrolling in a SaaS model at the time of purchase of their systems. Software updates build on the system architecture and increase performance and the number of detectable threats
- Recently won a A\$3.8m contract to provide Electronic Warfare ("EW") capabilities to detect "never seen before threats" to the Australian DoD

Addressable Market

- Large international addressable markets in counterdrone and related EW and tracking systems estimated at approximately US\$10 billion worldwide
- Rapidly improving and easily available drone technology is driving demand for counterdrone solutions
- Current geopolitical conflicts make extensive use of drones by all sides

Growth Strategy

- Today, over 75% of revenues is derived from defence, and approximately 15% of revenue comes from the intelligence community
- Defence, the intelligence community and border security will continue to be the key focus for DRO, however there is a major opportunity for continued expansion into other markets including civilian airports, prisons, stadiums and corporates

Key execution priorities in 2022

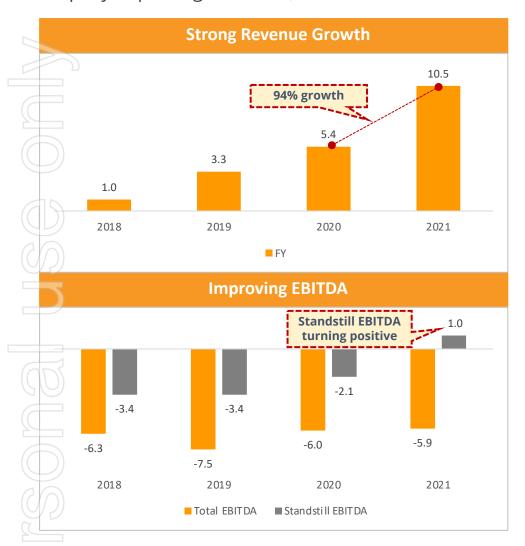
- US sales: converting trial and integration successes into large multi-million-dollar contracts
- Australia sales: expanding on the initial A\$3.8m Electronic Warfare contract into the next, and larger, contract
 - Technology: rapidly scaling the AI engine software for SaaS deployments, and release of DroneSentry-C2™
- M&A: continue to review and successfully implement appealing acquisition options

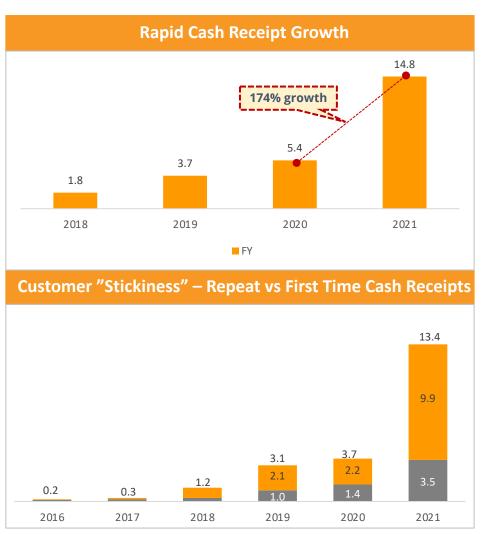


2021 Full Year Summary (A\$m, Dec YE)



Rapidly improving financials, as the business stands at an inflection point into 2022





2021 Key Achievements



2021 has been a major step forward for DroneShield, despite the COVID pandemic challenges



On track for another order of magnitude all-time record year for revenues and cash receipts



Expanded past counterdrone into two Al-powered adjacent areas of Electronic Warfare and Computer vision, with Australian DoD contracts for each



Multi-million dollar project: \$3.8m 2 year contract with Australian DoD



Ramping up a second outsourced manufacturing facility in preparation for larger orders (no cost to DRO – payment per unit made)



Scaling the high-calibre team from 30 to 60 across Australia, US and UK

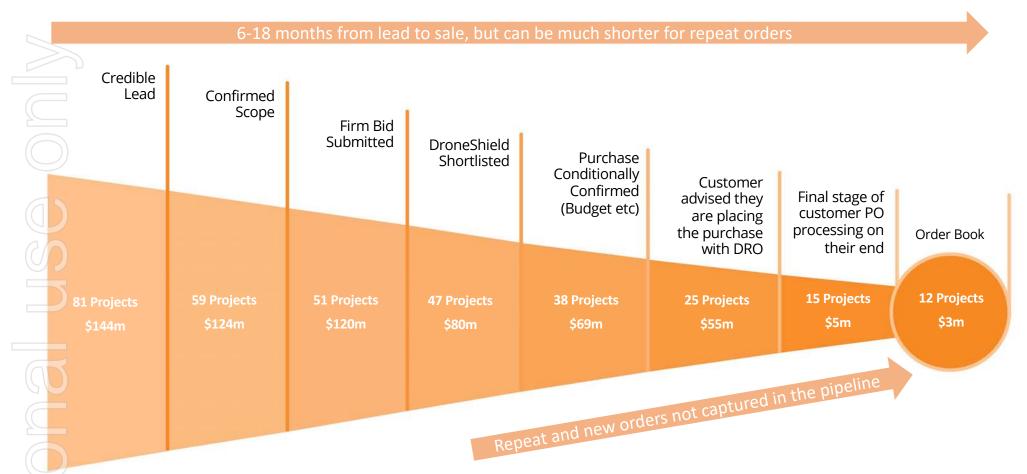


Brazil military with DroneSentry™ installation

Diversified and Mature Pipeline (Cash Receipts to Dec 2022 only)



Multiple projects at each development stage improve predictability of cashflows



The pipeline is cumulative – for example, the 61 projects at Confirmed Scope stage are included as part of the 80+ projects at the Credible Lead stage



Why is the Malicious Use of Drones a Threat?



The widespread adoption of drone technology has increased the risk and prevalence of disruptive use



Payload delivery

- Attacks: Dropping harmful / explosive payloads (including chemical or biological substances)
 or creating damage via collision
- **Smuggling:** Moving contraband into sensitive zones such as prisons



Intelligence gathering

- Directing attack: Reporting enemy target location on the battlefield to direct forces
- Spying and tracking: Obtaining video, images and track movements of personnel
- Surveillance: Using drone images and other payload data to enable reconnaissance



Nuisance activity

Infrastructure disruption: Using drones to jeopardise the safe operation of major facilities such as airports



Cyber and Ransom attacks

 Corporates, Ships, Facilities: Hack into control networks via proximity intrusion with a drone, and demand ransom or cause terrorist attack

AI-Enabled Platforms for Protection against Advanced Threats



Multiple platforms in adjacent technologies and customers with a common theme of AI-based threat protection

Counterdrone

Artificial Intelligence in Electronic Warfare Artificial Intelligence in computer vision and sensor fusion

Command-and-Control (C2)
Systems / Tracking Systems

Synergies between counterdrone and non-drone applications

- Global leader with multiple differentiators in a rapidly growing counterdrone market
- Hardware sales with SaaS
- Tier 1 customers across military, intelligence community, Government and critical infrastructure
- \$200m+ pipeline

- Executing on a 2 year \$3.8m contract with Australian DoD, following on the initial \$600k contract in 2020
- Expecting significant follow up work with the DoD
- Potential to take the work to the US DoD

- Executing on a 1-year initial \$800k contract with Australian DoD
- Expecting follow up work, potentially within the timeframe of the current contract

 In tenders with multimillion-dollar total opportunities, including for Tracking Systems



How does a counterdrone system work?



Step 1

Step 2

Step 3

Detect



State of the art, multi-sensor drone detection products provide optimal detection and identification of drones and other UAS threats

Assess





 Machine learning and AI based detection and classification software is used to undertake near-real time tracking and assessment of drones and UAS threats

Respond





 Respond / defeat technologies offer intelligent, responsive, non-kinetic jamming for the controlled management of threats



Counterdrone: Multi-Billion Dollar Market by 2024



Rapidly improving and easily available drone technology is driving demand for counterdrone solutions



Government Facilities



Law Enforcement



Protective Details



Airports



Stadiums



Commercial Venues



Energy Production



High Profile Events



Shipping / LNG Ports



Rescue / Fire Response



Correctional Facilities

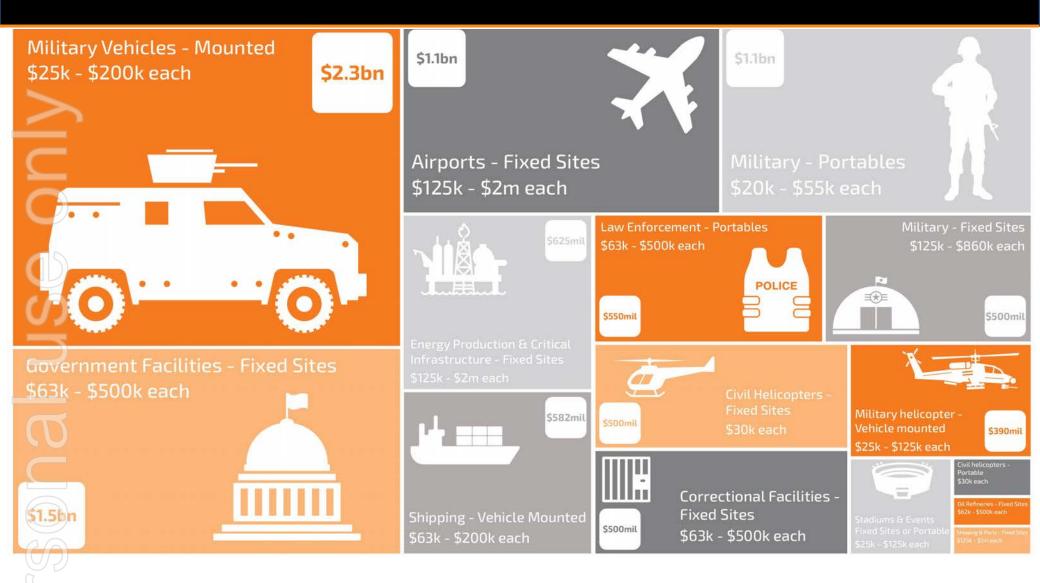


MarchWatch: https://www.marketwatch.com/press-release/counter-uas-market-size-share-growth-business-scenario-insights-industry-analysis-and-forecasts-report-2027-2021-11-11 Markets and Markets: https://www.marketsandmarkets.com/Market-Reports/anti-drone-market-177013645.html

Factors & Factors: https://www.globenewswire.com/en/news-release/2021/08/27/2287713/0/en/Global-Counter-UAV-Market-Size-Share-Expected-to-Reach-USD-2-041-09-Million-by-2026-Facts-Factors.html

US\$10bn Total Addressable Market





Al Generally: US\$58bn in 2021, US\$310bn in 2026 Al in Military: US\$6bn in 2020, US\$12bn in 2025



2021 has seen a major step forward for DroneShield, despite the COVID pandemic challenges



A new high-tech area, substantially open to disruption by smaller companies like DroneShield



Sovereign capability aligned – DroneShield well positioned with existing multiple AI contracts with Australian DoD



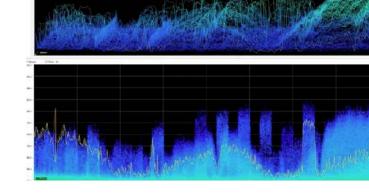
Competitive differentiation via team skillset, trusted supplier relationship with security clearances, and accumulation of large datasets



Substantially software based, multi-year contracts – reduces lumpiness in earnings, enables high margins



Adjacencies to core DroneShield business of counterdrone



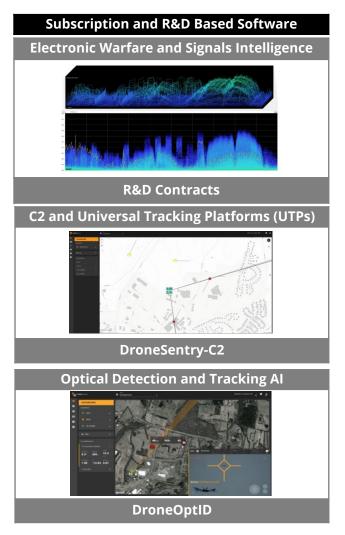


DroneShield Capability Overview



Rapidly evolving capabilities in response to customer requirements





Counterdrone detection solutions



DroneShield uses multi-sensor drone detection for optimal results

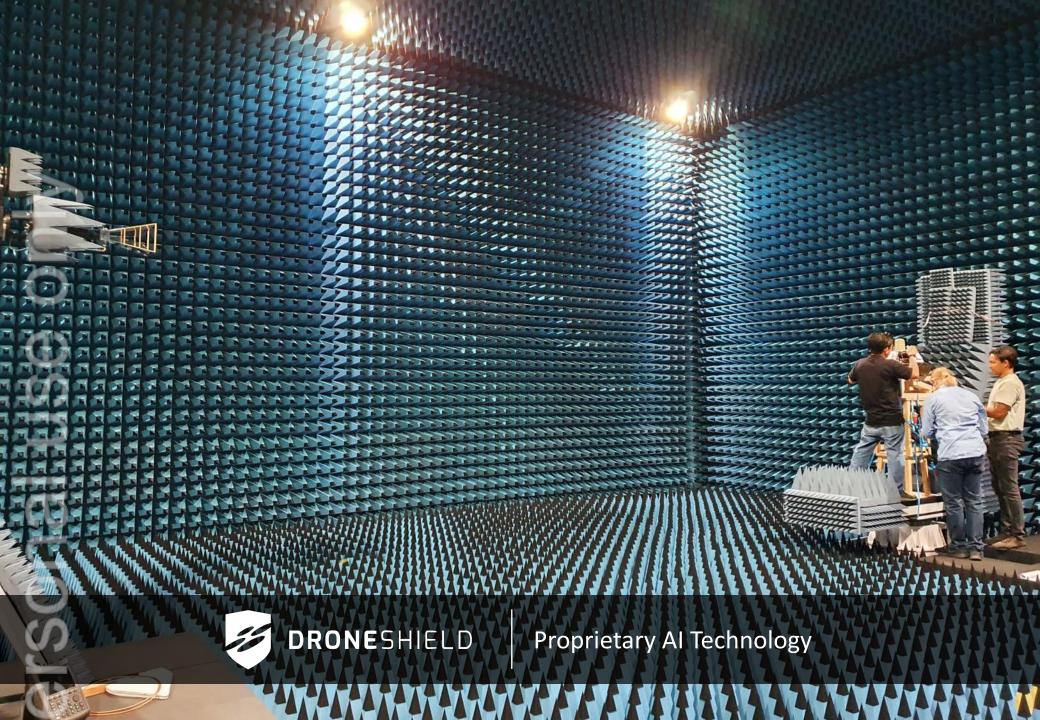
	Radio frequency	Radar*	Cameras*	Acoustic*
Imagery				
Overview	 Foundational layer Detects drone comms protocols (via conventional RF library or an Al engine) 	 Motion tracker - emits signals which are then reflected back to the radar by targets 	 Electro-Optical (EO), Infrared (IR) and Thermal Video analytics and image capture identification of drone activity 	 Compares noise of drone blades or motor to a database of acoustic signatures
Advantages	 ✓ No interference with other sensors ✓ Tracks multiple targets ✓ Passive – cannot be "seen" ✓ Low false alarm rate ✓ Direction-finding capability ✓ Long ranges ✓ Cost effective 	✓ Picks up drones without RF emissions✓ Tracks multiple targets	 ✓ Best used for verification, classification and tracking of a target detected by other sensors ✓ Potential identification of payloads ✓ Provides "eye on target" 	 ✓ Passive, cost effective ✓ Supporting sensor, filling gaps from other sensors
Disadvantages	 Doesn't pick up RF-silent drones Requires firmware updates 	 False alarms (birds etc) Is "seen" as emits energy Longer range detection is expensive Struggles with hovering drones 	 Not well suited for detection on its own due to field-of-view vs distance trade-off Short ranges 	 Short range False alarms Cannot locate or track Requires signature database updates

Counterdrone defeat solutions



DroneShield uses smart jamming which has advantages over other technologies, particularly, in its use across civil and military applications, and does not compete against large Defence Primes

				Exotic tech,		Large Defence Primes dominance area
		Safe – "soft kill"		mited reliability	Kinetic – "hard kill"	dominance area
	DRO offering	Smart jamming	Spoofing/Cyber	Counter-drone drones	Projectile fire kinetic systems	Directed energy (Laser or microwave)
	lmpact	No intentional da	mage to the drone	Physical force u	sed with potential for dest	ructive damage
	Imagery					
	Overview	 Radio waves force a drone to fly back, hover, or land 	Hijacks the control of a drone	"Kamikaze" or "catching" drones	Remote weapons systems shoot down drones	 Lasers and high- power microwave systems "dazzle" or destroy a drone
	Advantages	 ✓ Universal effectiveness ✓ 360-degree defeat coverage ✓ Effective against swarms ✓ Civil and military environments 	 ✓ Allows for the rerouting and redirection of malicious drone flight paths ✓ Applications in both civil and military environments 	✓ "Catching" the drone is available to a wider range of customers	 ✓ Effective against Govt-grade drones ✓ Established technology for military operations 	 ✓ Effective against Govt-grade drones ✓ Systems can be mounted on naval vessels for complex of the comple
	Disadvantages	 Potential for collateral interference (for a "dirty" jammer) 	Not effective against all dronesHigher chance of collateral damage	Generally slow to deployNot effective against swarms	Collateral damageUnsuitable for usein a civilenvironment	 In early stages Only available for military applications

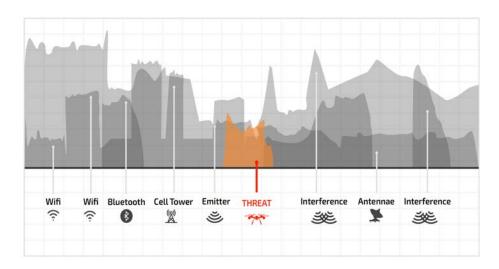


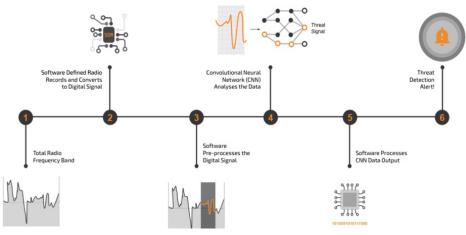
DroneShield AI Software Sees Through Noise – Radiofrequency Spectrum



World leading proprietary RF AI platform for protection against advanced threats, such as drones

- Drones operate in arguably the densest parts of the Radio Frequency ("RF") Spectrum with "noise" coming from all kinds of other emitters including Wi-Fi, Bluetooth, cell towers and antennas
 - Consequently, counter-drone detection technology needs to be able to pull a signal out of all the other "noise", while still maintaining a low false alarm rate
 - Achieving this using traditional techniques, especially in a very cluttered environment, is very difficult – if not impossible
- Consequently, DroneShield has developed a cutting-edge spectrum awareness capability using proprietary Artificial Intelligence techniques through its RFAITM engine
- The RFAITM engine receives quarterly updates (intra-quarter updates also available) which get pushed to the devices deployed across the globe in a variety of ways suitable for the security of the end user





DroneOptID AI Software – Optical and Thermal Spectrum Counterdrone Surveillance



DroneShield's DroneOptIDTM AI engine detects and tracks complex threats such as drones in cluttered environments

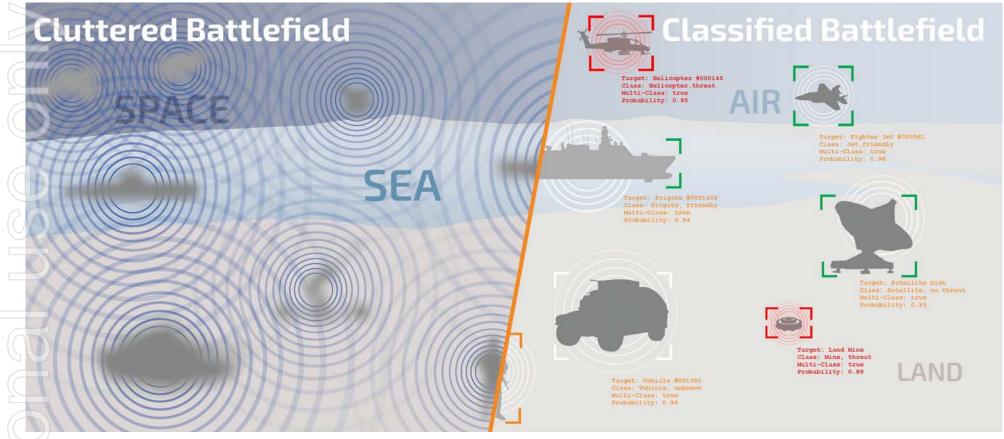
- Drones are small, fast-moving objects, hard to detect with naked eye more than 50m away, against complex background
- Cameras on their own cannot detect and track drones at any meaningful distance, due to
 - the trade-off between the camera Field-of-View (FoV) and Depth. A wide FoV would only see drone at a close distance. A narrow FoV means only looking at a tiny part of the area
 - Even once an object is detected, separating drones from birds is difficult, especially for fixed wing drones
- To enable cameras to accurately detect and track drones and other objects, DroneShield has developed a proprietary Al engine DroneOptIDTM, in conjunction with University of Technology Sydney, with DroneShield retaining the IP
 - DroneOptIDTM uses the latest in Computer Vision technology to detect, identify and track drones in real time, cutting through all the other "noise"
 - The software takes geographical and environmental data from other sensors in order to slew and validate a drone threat. Once the drone is in the field of view of the camera, using proprietary DroneShield algorithms, the DroneOptIDTM software uses motion tracking and machine learning techniques to identify and track the target
- Further development is currently under way, funded by the Australian Department of Defence



Technology Roadmap – SaaS, unpinned by owned large datasets and AI algorithms



Expanding on the current work with Australian DoD, DroneShield's offering will increasingly become hardware-agnostic hardware for detecting, identifying and tracking threats through noise



- Ability to deploy on vast amounts of customer hardware platforms
- **Growing number of deployed devices feeding DroneShield datasets**

Artificial Intelligence in Electronic Warfare



DroneShield is favourably exposed to the fast-growing Electronic Warfare business segment

Electronic warfare (EW) is any action involving the use of the electromagnetic spectrum (EM spectrum) or directed energy to control the spectrum, attack an enemy, or impede enemy assaults. The purpose of electronic warfare is to deny the opponent the advantage of—and ensure friendly unimpeded access to—the EM spectrum

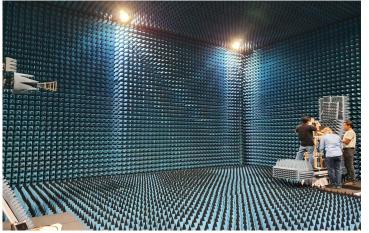
Demand for smart EW technologies to jam, degrade, disrupt or neutralise an adversary capability are rapidly growing and are an essential part of modern warfare

Given the overlap with DroneShield's counter-drone AI technology and the minimal Australian based competition in EW technology, DroneShield is in the box seat to exert dominance in this rapidly growing area

- In 2021, DroneShield received a A\$3.8 million, 2-year R&D contract with the Australian Department of Defence
 - Contract was awarded on a sole source basis. Importantly, the contract was not in counter-drone, but EW and Signals Intelligence, an adjacent area utilising an existing DroneShield skillset, but with much wider applications.

Additional, and larger, contracts are expected with the Australian Department of Defence, as DroneShield builds up its Al capabilities in the EW and Signals Intelligence arena







2022 Key Priorities





Multiple large (\$5m+) contracts across multiple countries and customers



Another order of magnitude year of increase in customer cash receipts



Winning contracts adjacent to current core capability, within Artificial Intelligence domains – such as Command-and-Control and Tracking Systems



High-profile contract wins in a teaming consortiums with Defence Primes



Turning cashflow-positive across the business (requires \$20-25m of customer cash receipts and grants)



DroneShield RfPatrolTM with soldier radios that the device is operable with, DroneSentry- X^{TM} in the background

2022 Pipeline of \$140m, with a further \$175m of projects tracked for 2023+



A significant and geographically diversified pipeline, approx. 80 projects at different maturity stages to Dec 2022



2022 Pipeline: \$59m / 5 projects

- Awarded preferred bidder status for two major Government orders
- KSA and UAE are the main opportunities



2022 Pipeline: \$23m / 6 projects

- Ukraine-related projects are a significant potential driver with multiple acquisition scenarios
- Initial Ukraine sale completed, very favourable in-field feedback



2022 Pipeline: \$36m / 34 projects

- Multiple military/Govt agency order discussions
- Initial purchases across wide range of Govt agencies and successful trials completed



2022 Pipeline: \$11m / 17 projects

 Orders and R&D contracts with Department of Defence and intelligence agencies



2022 Pipeline: \$2m / 3 projects

- Sales associated with BT partnership
- Primarily Ministry of Defence focused
- Expecting first major multi-year tender win shortly



2022 Pipeline: \$12m / 17 projects

Diverse range of geographic and product opportunities

- The pipeline includes existing defined sales opportunities at various stages of maturity
- The opportunities are unweighted, and measured as cash receipts to December 2022



Strategy | Continue Leadership in Counterdrone, Grow Adjacent Capabilities and SaaS



Three-part Strategy



Continue Leadership in the Counterdrone/Unmanned Threat Sector

- The counterdrone market is growing rapidly, especially in the US
- DroneShield is well positioned as the industry pioneer, with on-the-ground US team, and Australia being part of the Five Eye intelligence alliance (US, UK, Australia, NZ and Canada)



Grow Adjacent Capabilities

- Electronic Warfare (EW): currently delivering on the second, \$3.8m contract with the Australian Defence Force
 - EW includes obtaining intelligence of the radiofrequency signals on the battlefield and applying directed energy to jam, degrade, disrupt or neutralise an adversary capability
- Command-and-Control and Tracking Systems: providing a central display/control for numerous assets deployed in the field by military, law enforcement and Government agencies
- **Optical Detection and Tracking**: using proprietary Al algorithms to enhance optical/thermal camera capabilities to detect, identify and track objects for military, law enforcement, Government, airport and prisons



Grow SaaS (Software as a Service) element

- Existing counterdrone detection products include a meaningful ongoing subscription, which will continue to grow with the number of deployed devices in the field DroneShield provides quarterly software updates
- Adjacent capabilities are purely or mostly software based, either with subscription or longer term R&D cashflows (including counterdrone training and simulation market)

Contact details



Email: info@droneshield.com

Sydney, NSW (Headquarters)

Level 5, 126 Phillip St Sydney, NSW 2000 Australia

Phone: +61 2 9995 7280

Warrenton, Virginia

7140-B Farm Station Rd, Warrenton, VA 20187 USA

Phone: +1 (540) 215-8383





Drones - A Critical and Growing Threat Vector

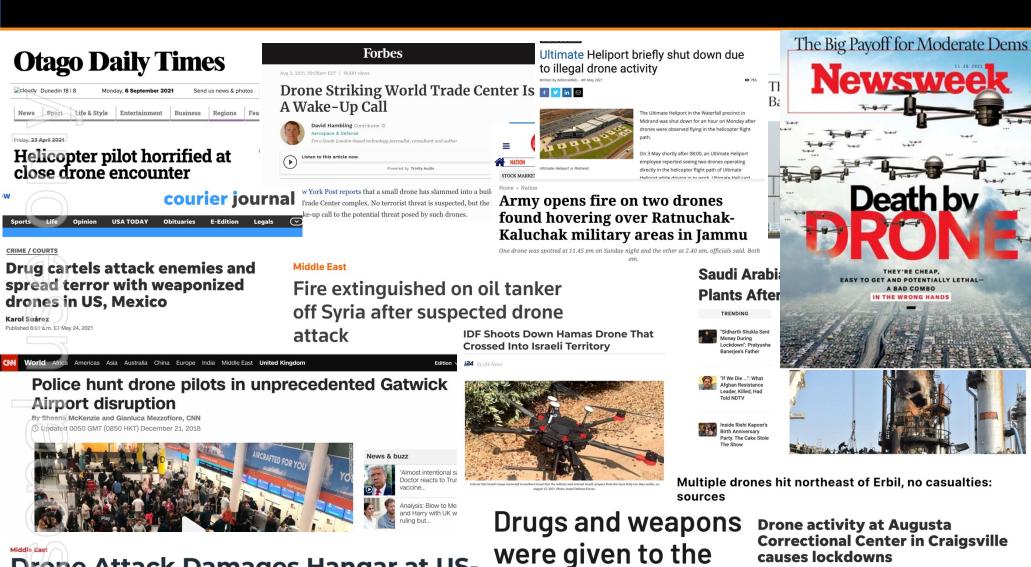
Drone Attack Damages Hangar at US-

Coalition Air Base in Iraq

By Edward Yeranian

May 08, 2021 01:54 PM





windows of the

Donacona prison

www.droneshield.com 💋 DRONESHIELD

Proven Progression and Pathway to North Star



Cutting edge proprietary products, powered by AI engine and carrying SaaS pricing, in a rapidly growing market, via multiple proven go-to-market strategies, substantial existing deal pipeline and a world class team

"North Star" 5-Year Goals

- Substantially via recurring SaaS basis (software on DroneShield hardware devices and C2), Electronic Warfare contracts, and hardware sales
- Ongoing review of (and transacting on) high-tech, scalable acquisition opportunities in Australia and the US, in adjacent areas



World Class Team of 60 staff (and growing) on 3 continents (Australia, US and UK)

Successful R&D, prototype and production at scale

- ✓ Feb 14: acoustic sensors
- ✓ June 16: DroneGun MKI
- ✓ July 17: DroneSentry
- ✓ Sep 17: DroneGun MKII
- ✓ Feb 18: DroneGun Tactical
- ✓ Apr 19: RfPatrol MKI
- ✓ Jul 19: DroneGun MKIII
- ✓ Aug 19: RfZero
- ✓ Nov 19: DroneSentry-X
- Apr 20: RfPatrol MKII
- Feb 21: RFAI Artificial Intelligence Engine
- Aug 21: DroneSim and CompassOne
- Sep 21: SonarOne

Track record of delivering increasing sales

- √ 2014: first sales
- √ 2017: \$500k cash receipts
- ✓ 2018: first multi-million dollar sale (\$3.8m)
- √ 2019: \$3.7m cash receipts
- √ 2020: \$5.4m cash receipts
- ✓ 2021: multiple \$1m+ repeat customers orders, incl \$3.8m Aus DoD, \$12.2m cash receipts for 9 months Sep 21 to date



Ongoing move to AI and subscription pricing

- Artificial Intelligence engines across multiple solutions (RF spectrum, computer-vision, sensorfusion, command-andcontrol)
- ✓ SaaS model overlayed on proprietary hardware
- ✓ Pure software C2 product (subscription based) due for release in early 2022



Proven go-to-market strategies in a growing sector

- ✓ High caliber and growing on-the-ground sales teams in the US. Australia and UK
- ✓ Seasoned in-country partners in 120 countries globally
- Rapidly growing counterdrone and Electronic Warfare market
- √ \$200m+ deal pipeline

DroneShield's competitive counterdrone advantage?



C-UAS market pioneer, with a culture of systematic innovation

Market leading, differentiated technology... ...across multiple platforms... **Body-worn** Multi-sensor detection, ID and tracking **Best-in-breed detection range** Vehicle/Ship mounted Best-in-breed defeat range **Fixed site** ...underpinned by AI-powered SaaS... ... and backed by high barriers to entry **Proprietary software integrated across Established global channels** product suite **Established relationships with global** Difficult to replicate defence clients **Experienced development team for** World-class talent with leading ongoing upgrades and development product design and R&D capabilities

Australian Government is committed to building homegrown defence sector



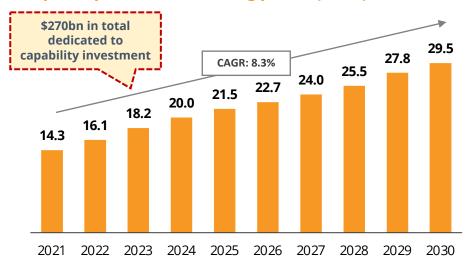
The Australian Government's defence spending commitment presents a large opportunity for the sector

Overview

- Australia has 12th largest defence budget spend globally, which is very substantial for its 25m population
- \$270bn of funding allocated towards "capability investment" over the next 10 years, covering a broad suite of military domains across both acquisitions (\$220bn) and future sustainment (\$50bn)
- Electronic Warfare, Signals Intelligence and AI (key areas for DroneShield, utilised on their own and inside counterdrone technologies) are explicitly declared as priority areas for homegrown defence sector by the Australian Government



Capability investment funding profile (A\$bn)



DroneShield CEO Oleg Vornik with the Australian Minister for Defence Industry, Hon Melissa Price

Global defence spending continues to rise



Overview

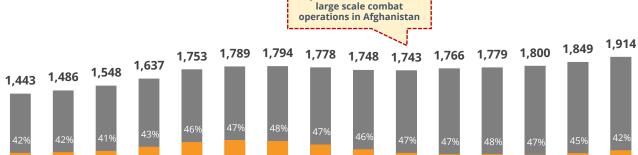
Global military spending in 2019 represented 2.2% of GDP

Total military spend is primarily attributed to the United States, which grew by 5.3% to total of US\$732bn in 2019

The global increase in spending is predominately attributed to increased tensions and risk of conflict between nation states

In 2019 China and India were, respectively, the second and thirdlargest military spenders in the world





Dip attributable to end o

2009 2010 2011 2012 2013 2014 2015

Global defence spend US % of global spend

Hybrid warfare is shaping modern conflict and DroneShield is positioning to be a leader in this space

2008

High intensity conflict

Strike weapons with enhanced lethality are a core focus of future military doctrine

Increased defence budgets are being utilised to develop and procure these systems

Relevant counter-measures are also a core focus

"Grey zone" activities

2006

2005

- The lines of conflict are being blurred with military action undertaken in a covert nature
- Facilitated by technological advancements
- Infrastructure and services are significant strategic targets

Artificial intelligence

Processing large amounts of data quickly and accurately to support military decision making represents a key technological focus for nations

 Artificial intelligence systems will provide decision overmatch capacity in conflict scenarios



2016

DRONESHIELD

- ✓ Counter-measures for pervasive drone technology with applications across multiple mission profiles
- ✓ Safe nature makes products highly suitable for "grey zone" activities

-Source: Australian Government - Defence Strategic Update, Stockholm International Peace Research Institute.

Benefits and applications of safe, layered, counterdrone systems over kinetic systems



Safe counterdrone systems have many advantages over kinetic counter-drone systems, which are only practical for deployment in war-like scenarios

Avoidance of collateral damage



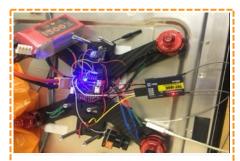
- DroneShield safe defeat solutions force drones to pre-set emergency protocols causing the drone to fly back to its starting point, hover, or land, allowing for the safe defeat of drones
- Alternatively, kinetic solutions could see a destroyed drone fall on crowds of people or inflict "friendly fire" from fired ammunition

Evidence for legal prosecution



- A drone which has been forced to land can be collected by local law enforcement to track the whereabouts of its controller
- As drones are usually accompanied by an image recording device, this can be used as legal evidence to prosecute offenders

Intelligence gathering



- Drones can often carry sensitive instruments or technology
- When forced to land, this technology can be exploited by military personnel to aid in intelligence gathering operations

Multi-platform with scale benefits

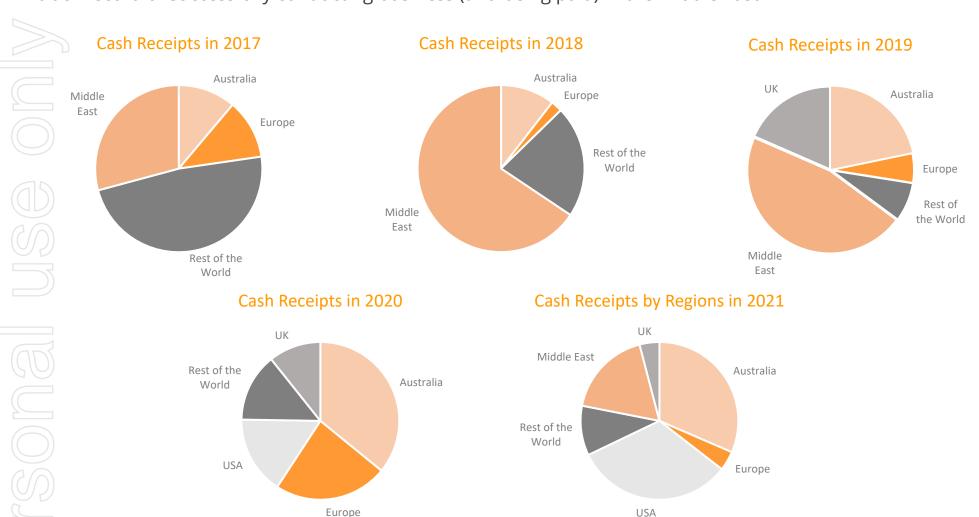


- Safe solutions can be carried on-the-man, mounted on light skinned vehicles and provide continuous passive protection unconstrained by ammunition stores
- Kinetic counter-drone solutions are often mounted on heavy, remote weapon stations and constrained by magazine depth

Increasing Predictability of Cash Receipts via Balancing Geographies



Increasing focus towards the more business-transparent Australian and the US customer base, with deep track record of successfully conducting business (and being paid) in the Middle East



36

Seasoned senior sales and engineering teams



DroneShield's experienced team carries a solid track record of delivering growth



Peter **lames** Independent Non-Executive Chairman



Oleg Vornik **CEO** and Managing



Marks Independent **Executive**

Jethro



Balanco CFO and Secretary



Red McClintock Director



Katherine Stapels General

Peter joined DroneShield's Board of Directors in April 2016

Over 30 years of experience in the Technology, Telecommunications and Media Industries

Chairman of ASX-listed companies including Macquarie Telecom and Nearmap

Oleg joined DroneShield in 2015, and the Board of Directors in January 2017

Responsible for overseeing DroneShield's market strategy

Senior executive experience includes Royal Bank of Canada, Brookfield, Deutsche Bank and ABN **AMRO**

Jethro joined DroneShield's Board of Directors in January 2020

CEO and co-founder of the Mercury Retail Group

Extensive commercial experience in successfully scaling a multinational business

Carla joined DroneShield in mid-2018

Instrumental in scaling the company's financial management systems

Experience working in Chartered, Commercial and **Business Development roles** Red served 23 years as an officer in the Royal Australian Navv

Prior to joining DroneShield, Red worked for five years with BAE Systems as a Business Development and Account Manager

Kat started her legal career in litigation and moved to an in-house role in 2018

Kat's previous in-house experience includes manufacture and supply of complex Australian defence technologies

Registered practitioner of the High Court of Australia



Angus Bean Chief Technology Officer



Lawrence Marychurch President. Design



Hedley **Boyd-Moss** President. **Engineering**



Matt **McCrann** U.S. CEO



Lyle **Halliday** Chief Operating Officer



Carl Norman Embedded Product

Engineer

Angus joined DroneShield in early 2016

Merges the fields of mechanical hardware, electronics, software, digital interface and technology

Experience as the development lead for Australia's largest industrial design and engineering consultancy



Manages a team of industrial designers and mechanical engineers as well as DroneShield's in-house production team

Responsible for DroneShield's wide base of Australian and international component suppliers



Working knowledge of regulatory compliance standards

Specialist knowledge in areas such as antenna manufacturing and RF communication modulation techniques



Over 15 years of experience in the Defense and National Security sector

Served in the US Navy as an Intelligence Analyst and a member of NSA/CSS's Cryptologic Direct Support Element

Lyle is an experienced Systems Engineer with a background in medical device product development

Responsible for implementation of processes to ensure customer expectations

Engineering experience spans electrical, mechanical, manufacturing and software

Carl is an experienced embedded product engineer who joined DroneShield early in 2019

Over 25 years of experience in electronic product design, manufacturing and project management

Background in RF products. analogue, embedded and high speed digital systems

Industry Recognition



DroneShield is well regarded across defence industry, winning multiple awards and media focus in 2021













Export & Investment Awards

DroneShield

Winner 2021 **ADVANCED TECHNOLOGIES**









Capital Structure



	Enterprise Value (A\$)				
	DRO Shares	18.3c / share ¹	\$79.2m ²		
	Cash	As at 31 December 2021	\$9.5m		
	Debt	As at 31 December 2021	nil		
_	Enterprise Value		\$69.7m		

¹Shareprice as at 22 March 2022. 432,541,985 ordinary shares outstanding at the date Excluding unlisted options. 25,400,001 unlisted options outstanding

Dire	Director and Employee Shareholdings				
_	g Vornik, and Managing Director	17,077,022 shares 1,000,000 options ²	3.95% ¹		
	er James, Independent -Executive Chairman	10,185,022 shares 530,000 options ²	2.35% ¹		
	ro Marks, -Executive Director	666,666 shares 83,334 options ²	$0.15\%^{1}$		
Othe	er Employees	22,938,954 shares 7,366,667 options ²	5.30% ¹		

Based on the shares held and excluding options
Options issued at various strike price and maturities. For full information please refer to ASX releases

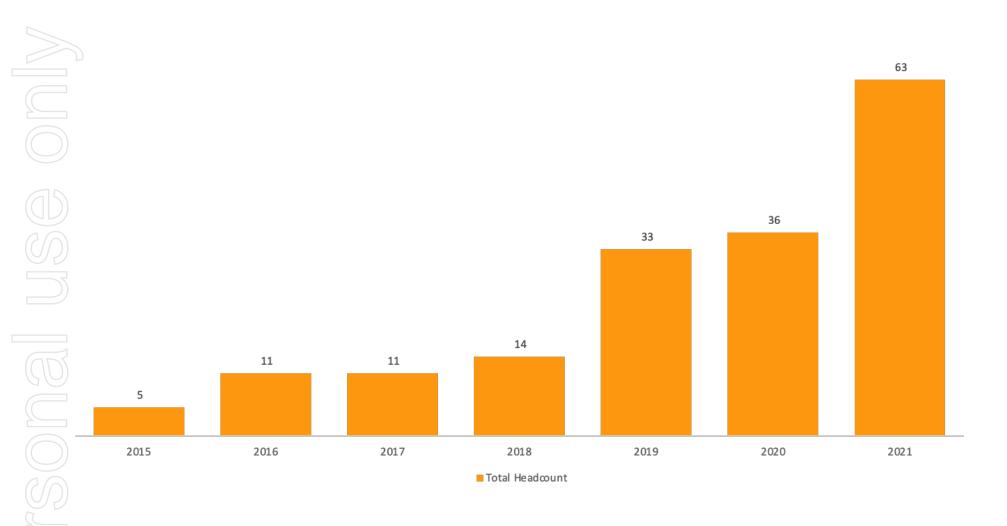


RfPatrol™ deployed with a European end-user

Growing and Cohesive Team with Deep Capability



Continued growth of the global team since inception in 2015, across sales, engineering and support roles



Disclaimer



These presentation materials (the Presentation Materials) are confidential and have been prepared by DroneShield Limited (Company). By receiving the Presentation Materials, you acknowledge and represent to the Company that you have read, understood and accepted the terms of this disclaimer. It is the responsibility of all recipients of these Presentation Materials to obtain all necessary approvals to receive these Presentation Materials and receipt of the Presentation Materials will be taken by the Company to constitute a representation and warranty that all relevant approvals have been obtained.

NOT AN OFFER

These Presentation Materials are for information purposes only. The Presentation Materials do not comprise a prospectus, product disclosure statement or other offering document under Australian law (and will not be lodged with the Australian Securities and Investments Commission) or any other law. The Presentation Materials also do not constitute or form part of any invitation, offer for sale or subscription or any solicitation for any offer to buy or subscribe for any securities nor shall they or any part of them form the basis of or be relied upon in connection therewith or act as any inducement to enter into any contract or commitment with respect to securities. In particular, these Presentation Materials do not constitute an offer to sell or a solicitation to buy, securities in the United States of America.

NOT INVESTMENT ADVICE

The Presentation Materials are not investment or financial product advice (nor tax, accounting or legal advice) and are not intended to be used for the basis of making an investment decision. Recipients should obtain their own advice before making any investment decision.

SUMMARY INFORMATION

The Presentation Materials do not purport to be all inclusive or to contain all information about the Company or any of the assets, current or future, of the Company.

The Presentation Materials contain summary information about the Company and its activities which is current as at the date of the Presentation Materials. The information in the Presentation Materials is of a general nature and does not purport to contain all the information which a prospective investor may require in evaluating a possible investment in the Company or that would be required in a prospectus or product disclosure statement or other offering document prepared in accordance with the requirements of Australian law or the laws of any other jurisdiction, including the United States of America.

The Company does not undertake to provide any additional or updated information whether as a result of new information, future events or results or otherwise.

Disclaimer



FORWARD LOOKING STATEMENTS

Certain statements contained in the Presentation Materials, including information as to the future financial or operating performance of the Company and its projects, are forward looking statements. Such forward looking statements:

a) are necessarily based upon a number of estimates and assumptions that, while considered reasonable by the Company, are inherently subject to significant technical, business, economic, competitive, political and social uncertainties and contingencies;

b) involve known and unknown risks and uncertainties that could cause actual events or results to differ materially from estimated or anticipated events or results reflected in such forward looking statements; and

c) may include, among other things, statements regarding estimates and assumptions in respect of prices, costs, results and capital expenditure, and are or may be based on assumptions and estimates related to future technical, economic, market, political, social and other conditions.

The Company disclaims any intent or obligation to publicly update any forward looking statements, whether as a result of new information, future events or results or otherwise.

The words "believe", "expect", "anticipate", "indicate", "contemplate", "target", "plan", "intends", "continue", "budget", "estimate", "may", "will", "schedule" and similar expressions identify forward looking statements.

All forward looking statements contained in the Presentation Materials are qualified by the foregoing cautionary statements. Recipients are cautioned that forward looking statements are not guarantees of future performance and accordingly recipients are cautioned not to put undue reliance on forward looking statements due to the inherent uncertainty therein.

NO LIABILITY

The Company has prepared the Presentation Materials based on information available to it at the time of preparation. No representation or warranty, express or implied, is made as to the fairness, accuracy or completeness of the information, opinions and conclusions contained in the Presentation Materials. To the maximum extent permitted by law, the Company, its related bodies corporate (as that term is defined in the Corporations Act 2001 (Commonwealth of Australia) and the officers, directors, employees, advisers and agents of those entities do not accept any responsibility or liability including, without limitation, any liability arising from fault or negligence on the part of any person, for any loss arising from the use of the Presentation Materials or its contents or otherwise arising in connection with it.