

Investors Deck

Aerial Dynamic Sensors Installation



Our Team



Ron Shafran CEO

- A decade of experience and unique expertise in the global HLS market as SVP of ISDS (Official sponsor for the Olympic games)
- Served 15 years in an Elite Intel Unit Ret LTC
- Serial Entrepreneur Corr.BI (Exit)
- 3 academic degrees Business (MBA), IT and Design (M.Des)





Itamar Ben-Shalom CTO

- An innovator with a proven record of both R&D hands on and extensive execution experience
- 20+ years software development
- A decade of experience in multidisciplinary startups (hands on system engineer -> program manager)
- Serial Entrepreneur Eye Safe
- 3 academic degrees (Physics (B.Sc) Engineering (B.Sc & M.Sc) graduated with honors)
- Thesis: Neurometric Authentication









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Sense Better, See Further

19th century Light

To see at night Must be there to see

To see but not to be there Multiple blind spots – tunnel vision

20th century

Fixed Video

21st century

Dynamic Video & Sensors On Demand

No blind spots – Powered by Autonomous Mobile Robots



Sense Better, See Further

1,000,000,000 Cameras Worldwide

28K installed Per Day

Huge Market and problems

FLYZ

Source: IHS Markit



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1=5

 $\left[4\right]$





Environment is dynamic – changes all the time

Static sensors – high installation cost and not effective

Drones are limited by aviation regulation – Ground pilot is required

Drone short battery time



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FLYZ Solution – Drobot An urban dynamic sensor platform



FLYZ



Live video from everywhere



It can do both in a single click

FLYZ

Drobot – What it can do?

Dynamic sensors distribution





Option 1 – Video On Demand



FLYZ







Option 2 – Sensors On Demand





FLYZ

















SMART LOCK



LEAK SENSOR





GARAGE

SMART HOME

SIREN

SECURITY

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IOT









SMART SOCKET

3

SMOKE DETECTOR













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DASHBOARD













WIFI ROUTER





Drobot Full cycle in

in a Single Click



Detach and fly back home



Send video for hours



Perch on vertical wall



Setting Point of Interest



Launching 1-4 Drobots



Fly to the area of interest



FLYZ Solves It All



✓ On demand Drobot and sensors installation everywhere

Brings the camera/sensor to the point of interest

Up to 250g Drobot – No need for a ground pilot

Perch on walls and save energy – (10 x times longer)



Traction Bootstrap () Prototype

R&D Risk reduction Research Prototype









Traction Bootstrap () Prototype

BizDev – Market fit

LOI's - Design partners, Clients, Marketing channels



POLÍCIA MILITAR DO ESTADO DE MATO GROSSO QUARTEL DO COMANDO GERAL DIRETORIA DE TECNOLOGIA

A quem possa interessa

A Polícia Militar do Estado de Mato Grosso cumpre o preceito contido no Art. 144, § 5º, da Constituição Federal, que estabelece como missão o exercício da Polícia Ostensiva e a Preservação da Ordem Pública, por meio da atividade de Policiamento Ostensivo, para prevenir e reprimir de forma imediata tudo que vier a se contrapor à Paz, ao Sossego e a Tranquilidade Pública da população. Como uma das principais forças de segurança interna, a nossa organização é

constantemente desafiada com a complexidade de eventos de segurança e Ordem Pública. Nossa força est sempre buscando maneiras de melhorar aperfeiçoar e utilizar novas formas na execução das nossas tarefas. A cidade de Cuiabá, especificamente, há muito identificou a inovação tecnológica como um fato chave para a prosperidade urbana. Fomos apresentados ao produto do Corvid e sua exclusividade n



To: Whom it may concern

CORVID AERIAL

Recently I was introduced to the technology and operational concept of CORVID AERIAL. The technological solution that enables real time air video streaming in an urban environment, meets a significant security need for our company and for our clients.

The security world is based on two resources: technology and manpower. The CORVID AERIAL product provides a solution and an advantage for both.

Team 3 is a leader in implementing security solutions in Israel, based on the understanding that advanced technology gives the customer better security capabilities and reduces the use of manpower for security. We at Team 3 closely monitor new security developments and products.



To: Corvid Systems

11.12.2017

LETTER OF INTENT

To whom it may concern,

I am glad to attest that TAR Ideal is looking forward to becoming a supplier of Corvid systems. The ability to supply the security market with aerial autonomous solutions without the need to wait for regulatory approval is a perfect fit for many needs that our customers are seeking to solve. We see the potential in selling Corvid's products to many of our clients for multiple uses. The ability to start sales as soon as the product is ready differentiates Corvid from competitors, and provides us with a competitive edge in performing sales in the near future.



U.S Provisional Application No. 63287096

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FLYZ





Hardware

1st Generation









Enabling Hardware <10%

- Utilize Drone HW + Tail manipulation
- Biomimicry Innovation to operation

Autonomous Squadroned Software >90%

- Last meter Horizontal landing decision (material, POV)
- Navigation & Management

IP

- Provisional application on tail and system architecture
- Know how SW & autonomous flight

Focused



Heavy AI Light HW

Light HW

- Up to 250 gr
- Power consumption sensitive design

Al on the edge

- Perch & Rest Maneuver (Location & Surface)
- Verify ROI view

Machine learning

Data Driven performance improvement





Triple Use Cases - Covers More Costs Less



30% NIS 1.032M (Per Year)

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Multiple Use Cases – Civil (B2B)

Critical Infrastructure



Mega Events



Gated Communities



Smart Cities





VIP protection & Policing



Safe Cities





SWAT



Search & Rescue





Multiple Use Cases – Defense (B2G)

North Command









MOUT – Military Operations in Urban Terrain













Business Model:

A disruptive Drobot as a service (DRAAS) Business Model

DRAAS – Drobot As A Service

Cost: USD 8K Per Month – Full kit squadron (4 Drobots)

Includes

- Free Replacement Warranty (Lean BOM/HW)
- Installation Plug and Play system
- Training fully autonomous
- Cloud Service Advanced Al
- Two additional operating stakeholders

Excludes

Additional apps for unique needs (Safety, logistics)

Multi - sensor attachment mechanism – Audio,

Environmental, Visual etc.

Tactic Product

Cost: USD 48K Per - Unit Full kit squadron (4 Drobots)

Includes

- Training
- Basic AI capabilities
- Designed for unknown environments



Market Size

15.2% CAGR Vide & Vide & S2% C AMR – Autonomous Mobile Robots

Source: 360 market updates

Statista & Market Sand Markets

FLYZ

10.4% CAGR

\$**65**B

Video Surveillance & Situational Awareness 52% Cameras and Software

\$10B

25%

CAGR

Drones - Security

PWC



Go to Market Strategy \$115.2M ARR in 4th Year – Think global act local

Today	1 st Y	2 nd Y	3rd Y	4 th Y	
Seed – USD 3.5M – Full cycle product Round A – Scale					
Seed round closes	R&D	General Availability	Scale 1	Scale 2	
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Competitive Landscape



CCTV	Manpower	FLYZ
×		
×		
×	\mathbf{X}	



Ron Shafran CEO ron@flyz.io

Thank you.

