



 **PIX.** 
FORCE

WHAT IS COMPUTER VISION

It is to allow machines to be able to see and interpret automatically, quickly and accurately images and videos, in order to optimize and reduce process failures that use human vision.



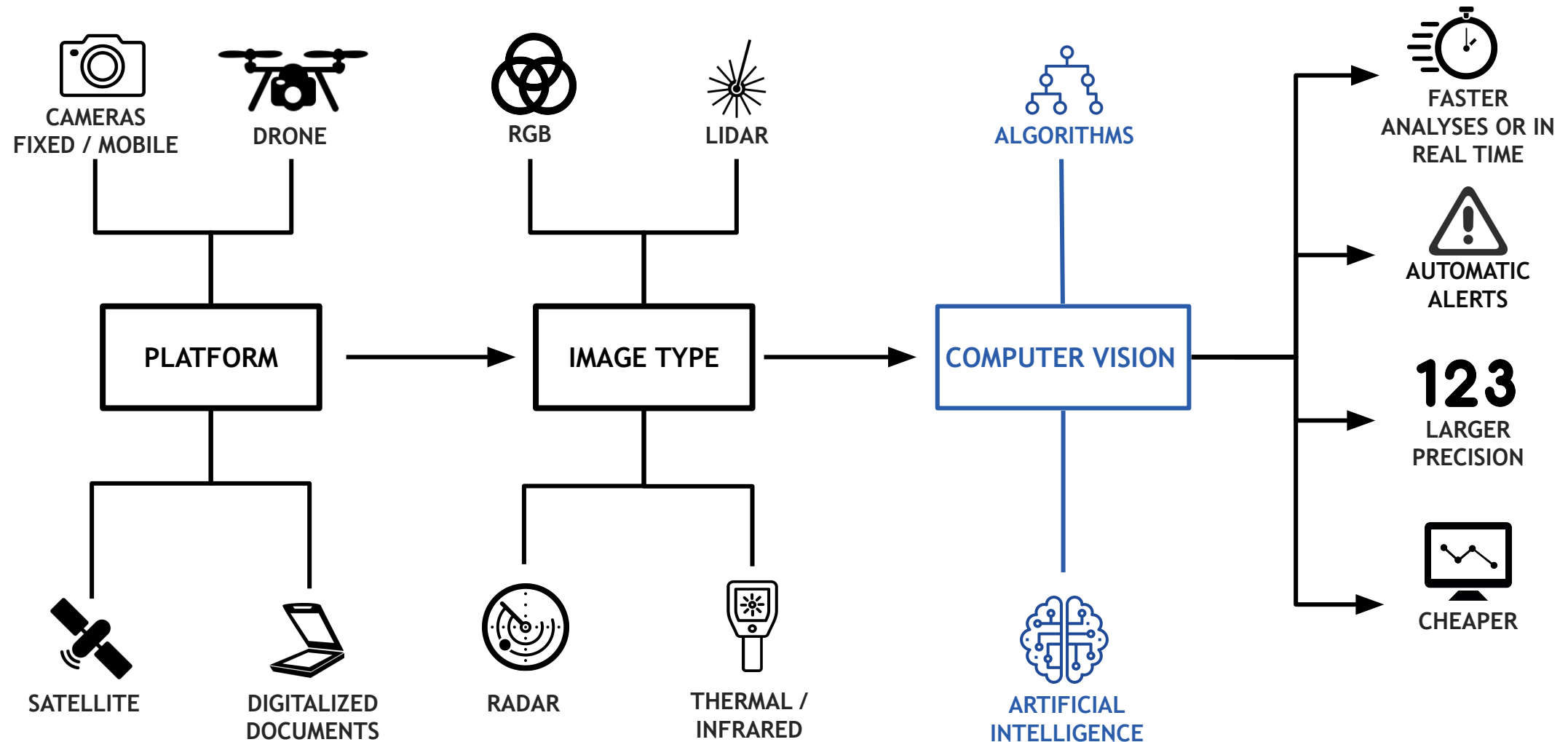


We are experts in computer vision.

We develop solutions to automatically capture and interpret images and videos, with Artificial Intelligence, cheaper, faster and more accurately than human vision. We have a team of more than 100 employees and an expertise in work and partnerships with important players from different industry sectors, delivering results.



COMPUTER VISION AT PIX FORCE





SOME OF OUR SOLUTIONS

DEEP TRACK



- ❖ *A drone with two cameras, one thermal and one RGB, flies 100% autonomously over the conveyor belt. After capturing the images, an onboard GPU processes the data contained in the images and analyzes the temperature of the rollers in real time, generating quality reports immediately. In case of detection of imminent fire, an alarm is triggered.*

PIX COUNTER



COUNTING: 238

AUTOMATIC PRODUCT COUNTING

The Pix Counter software, embedded in fixed cameras or mobile applications allow instant object counting.

PIX QUALITY



AUTOMATED INSPECTION

Automated inspection using drones to detect corrosion, cracks and other platform anomalies.

PIX SAFETY

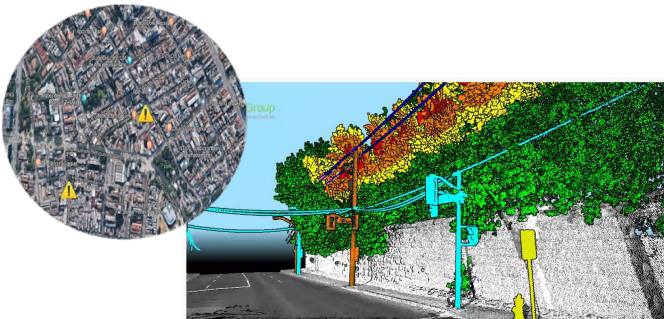
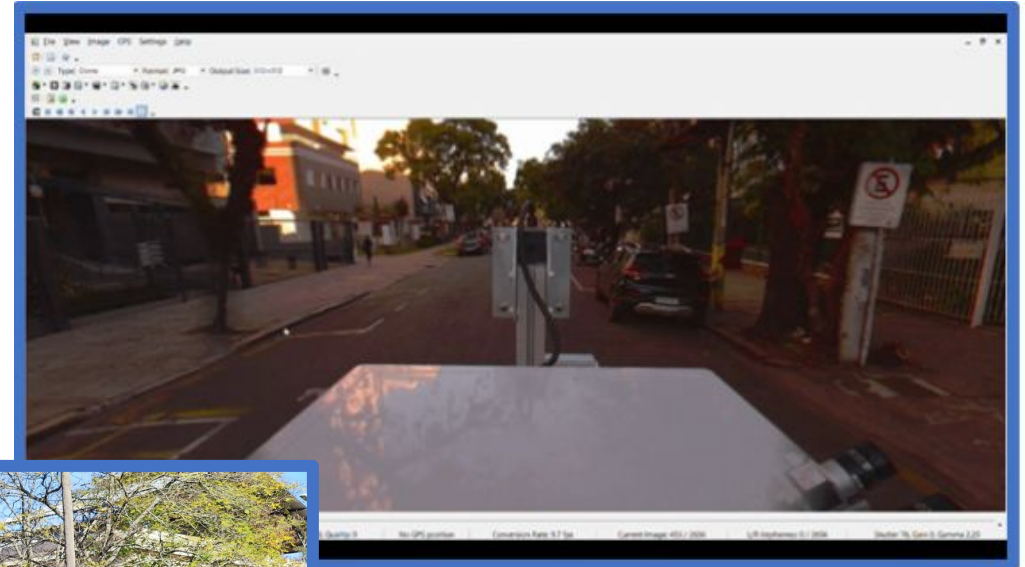
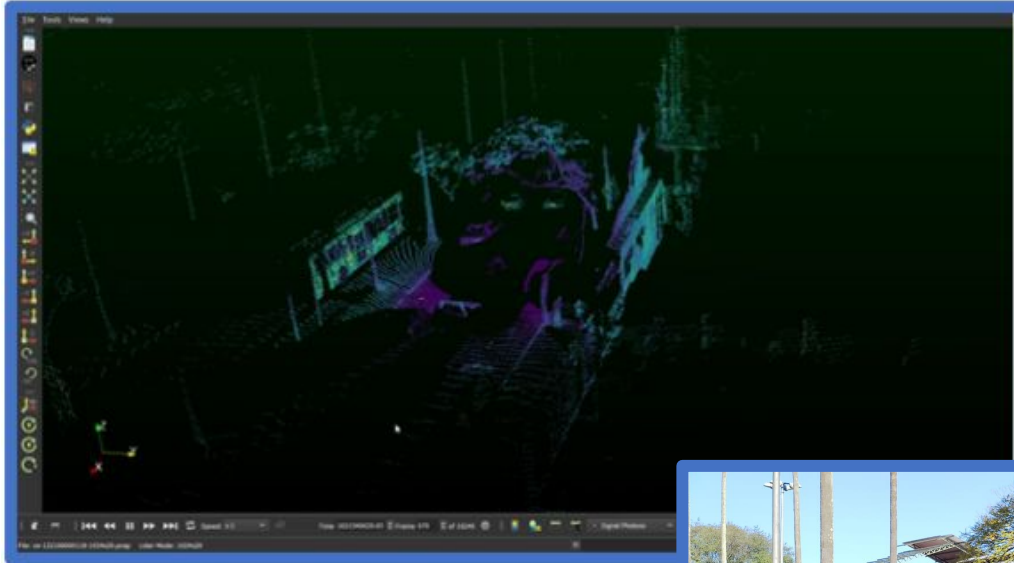
PPE DETECTION

Industrial processes require operators to be equipped with PPE so that activities are carried out safely and in accordance with legislation.



PIX 360 °

Integrated solutions for near real time information on infrastructure and its surroundings.
Vehicle coupled with 360 camera to carry out inspection of structures and monitoring in the city.



■ Sensor Array:

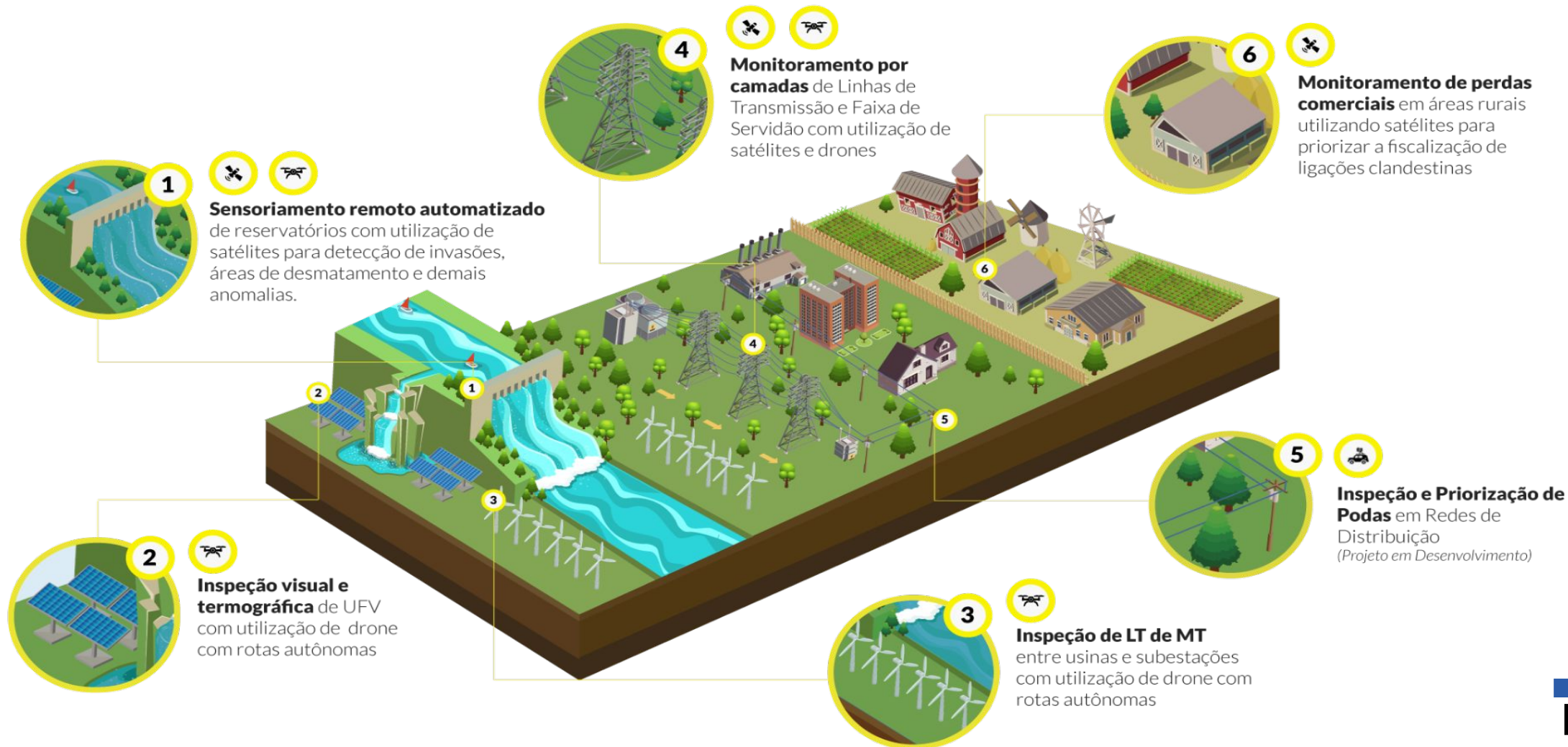
- 360o camera
- Stereoscopic camera
- Lidar
- High precision GPS

■ Vehicle Platform:

- Automobile
- Train
- Lidar

PIX GRID

Electric sector asset monitoring platform.



PIX CARBON



Carbon Inventory is a document that allows the mapping, quantification and recording of GHG emission sources of an activity, sector, organization or place. Plant species capture carbon from the atmosphere, functioning as a carbon stock, which reduces the amount of GHG in the atmosphere. SAR (Synthetic Aperture Radar) satellites are capable of imaging locations at night and through clouds, fog and smoke. From SAR satellite images of agricultural and forest areas, to measure the carbon inventory, it is possible to quantify the carbon stock, determining how much carbon was removed from the air by plants and trees, through artificial intelligence algorithms applied to data.

PIX DOCS

- ❖ *The software uses AI algorithms and machine learning to identify and extract information from documents, such as CNH, RG, CPF, bank slips and invoices. The solution can be integrated with business management systems and offers agility and security in document and information verification, in addition to reducing the need for manual data entry. Pix Force claims that Pix Docs is an innovative and pioneering solution in the Brazilian OCR market.*

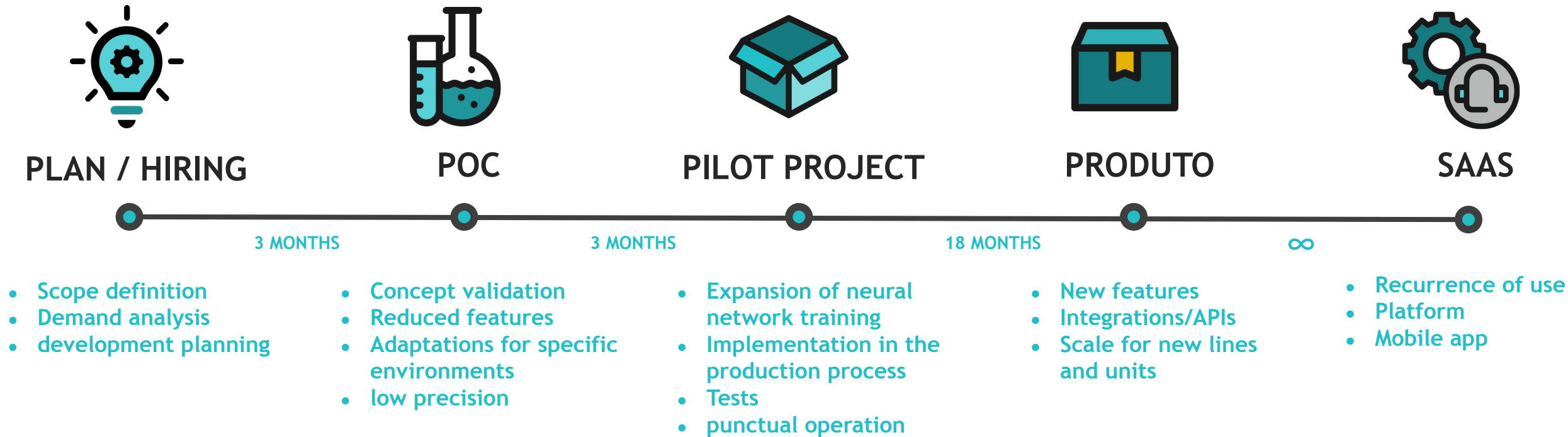


BENEFITS

- Historic
- data comparison
- Process automation
- auditable data
- Security
- Sustainability



BUSINESS MODEL- PAID R&D TO SAAS



FOUNDERS

*Complementary skillsets: **Daniel** = Engineering + Brazil and International Sales*

***Renato** = Law + Economics + Electronics*

Proven track record starting, attracting investors, growing and selling/IPOing companies

Since 2019, both are full-time at Pix Force.



Renato Gomes - Founder & President

Founder of: *Verde Agritech*, producer of fertilizers in Brazil listed on the Toronto Stock Exchange, where he serves on the board of directors since 2009; *Graphite Company of the Americas*, developing graphite projects in Bahia which has received nearly US\$ 30 million in investments, where he serves on the board of directors since 2017; *Atlantica Mining S.A.*, iron ore developer in Brazil's Northeast, sold to India's Fomento Resources in 2015.

Law degrees from Georgetown Univ. (Fulbright and I. Ling scholarships), London School of Economics (EU Alban Programme scholar) and Univ. Federal de Minas Gerais; technical degree in electronics from the Univ. Federal de Minas Gerais. Lawyer qualified in Brazil, Portugal and New York state.

Father of 3 and finisher of 9 Ironman triathlons (PR: 9:37).



Daniel Moura - Founder & CEO

Daniel was the founding-partner of the Brazilian branch of *New Fields*, one of the largest global environmental consulting firms, based out of Atlanta. Over 10 years, Daniel focused mostly on the commercial expansion of New Fields Brazil, growing the firm to 3 offices and a team of more than 65 professionals. Daniel had experience leading multi-disciplinary teams and managing projects for Fortune 500 companies, such as Shell and Iberdrola.

Licensed Engineer in Brazil, he holds a M.Sc. from the University of Florida, where he also served as teaching and research assistant, and an engineering degree from the Univ. Federal de Viçosa with a Fulbright-CAPEs scholarship to the Univ. of Georgia.

Daniel is a father of 3 and amateur football player.

LEADERSHIP

Experienced executive team with a track record at large companies and startups, dealing with technology and large clients, and orchestrating multidisciplinary teams:



Horacio Fortunato
CTO

Physicist with a PhD focused on computer vision. Has led engineering teams at previous work experiences including the Argentine Nuclear Energy Commission. Has been with Pix Force over 5 years. Passionate about cinema and music.



Thais Ruwer
Project Manager

Engineer with masters and open-PhD who has specialized in project management. Leads project owners and key developments to maximize team productivity. Loves trekking and traveling.



Marcelo Ghilardi
CIO

Computer scientist with MSc in machine learning with over 20 years experience of programming and managing teams engaged in software development. Successful experience overseeing remote-programming efforts. Passionate motorcyclist and global traveler.



Barbara Santana
Head of Pix Whizz Resources

Over 10 years experience managing people and business culture. MBA in people management and a degree in human resources management both from La Salle University, plus a SbCoaching certification in personal coaching. Loves different cultures, meeting people and new experiences.



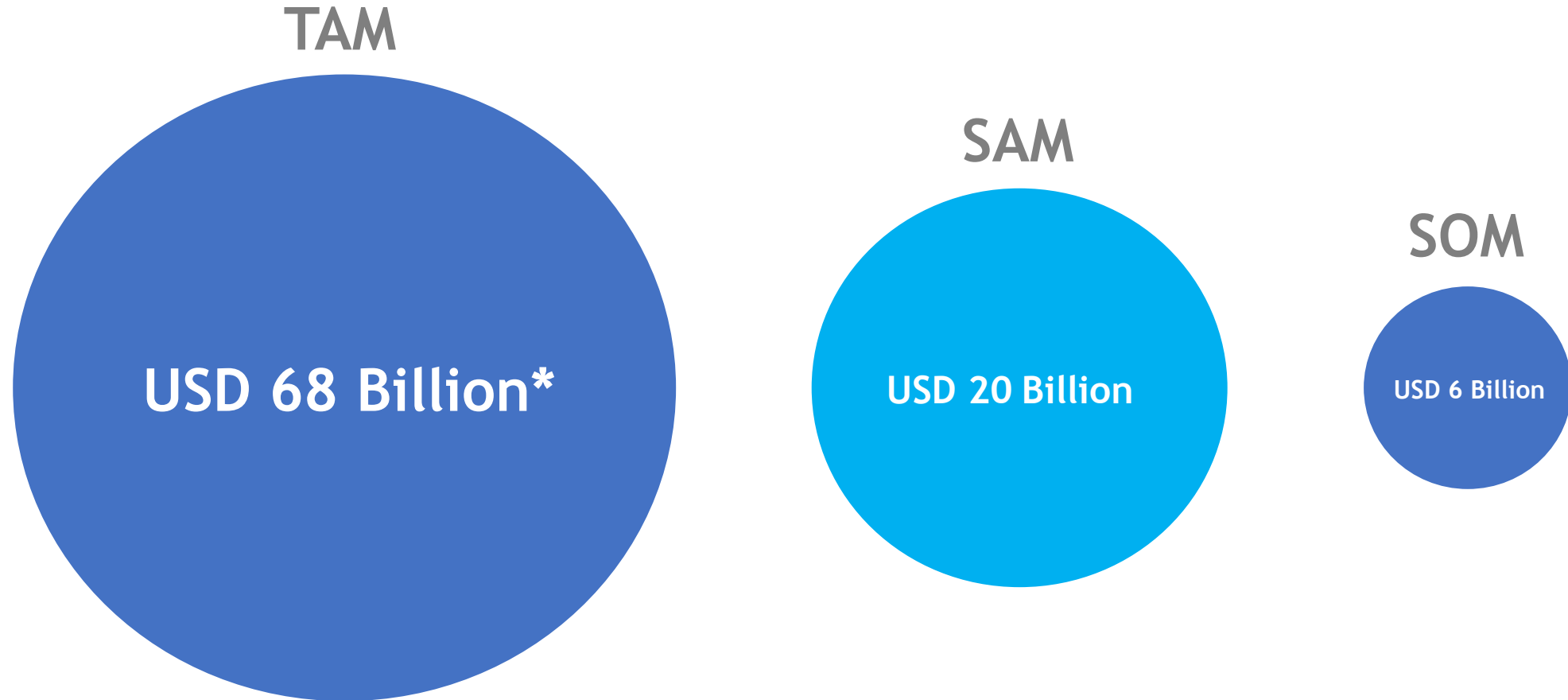
Vitor Tosetto
COO

Engineer with a MSc from USP who has worked both as an entrepreneur (creator/manager of the first sustainable building with LEED v4 certification in Brazil) and a coordinated engineering teams at Petrobras. Has been with Pix Force over 5 years. Kart racer and downhill mountain biker.



MARKET SIZE

Computer vision software is the largest segment of the global AI software market at 46.9% in 2020 and is expected to reach USD 68 billion in 2025, representing a CAGR of 36.6% from USD14.3 billion in 2020.



* Frost & Sullivan Report [Link](#)



COMPETITIVE ANALYSIS

Pix Force is a leading A.I. startup raising a Seed Round to blitzscale its deeptech products in Brazil, US and Europe

Direct Competitors

- 1 Mvisia (Brazil)
- 2 Horus (Brazil)
- 3 Radar (USA)

Indirect Competitors

Established human based monitoring systems.

New tracking and data gathering technologies reliant on hardware, e.g. RFID and broader IOT.

Competitive Advantage

Pix Force enjoys several advantages over its competitors. These advantages include:

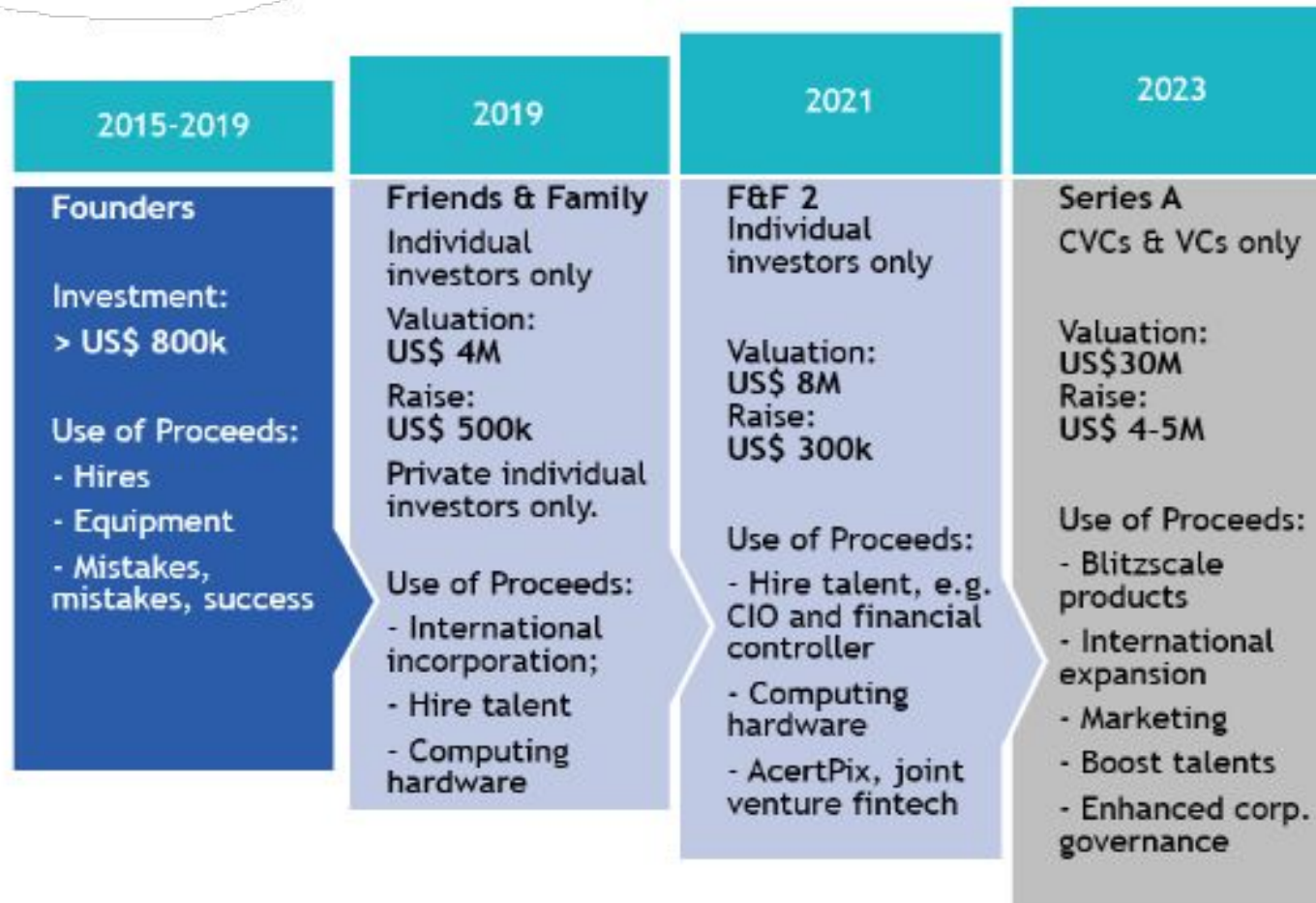
Management: Consolidated has been extremely successful working in the SaaS industry and will be able to use his previous experience to provide the best service experience. His unique qualifications will serve customers in a much more sophisticated manner than

Reputation: Pix Force is known by many of the local leaders, business managers, and other influencers within Brazil. With its 5 years of experience and good relationships with business leaders in the area, he will be able to develop an initial client base.

Innovative: The Company will add new data sources to expand on new valuable insights, launch new advanced features like benchmarking, predictive and prescriptive analytics, and self-guided data discovery. Adding embedded analytics creates a new way to innovate continually.

Sector oriented solutions: Pix Force will have full-time customer service and sales managers to keep in contact with clients and answer their everyday questions, in order to ensure an optimized solution for market wide with standardized adoption across-sector.

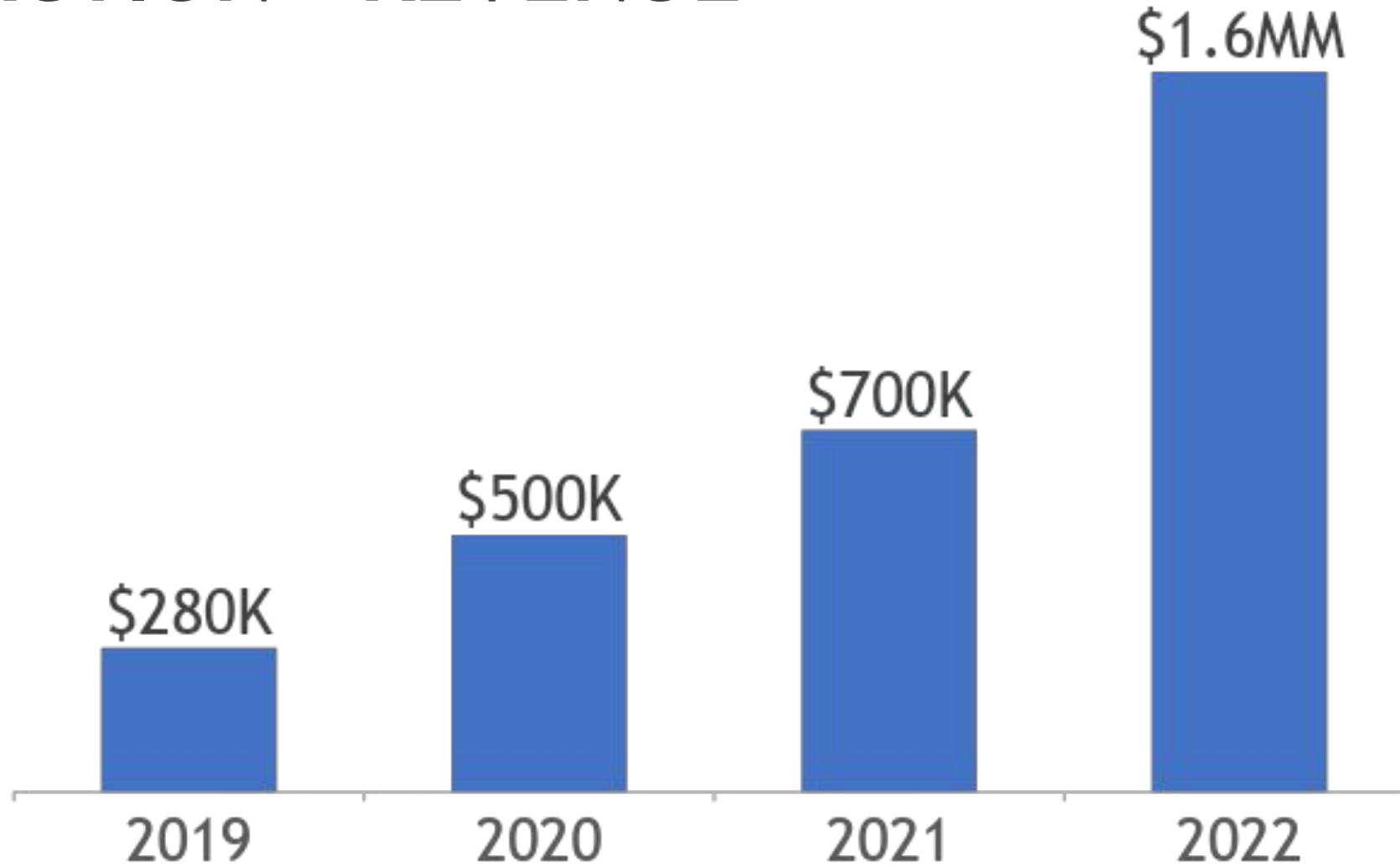
FINANCING TO DATE



Current Equity Distribution

Investor/Class/Round	Shares	Percentage
Daniel R. Moura, CEO Founder	1,800,000	40.16%
Renato C. Gomes, President Founder	1,800,000	40.16%
Staff = Shares + Share Options	400,000	8.92%
Friends & Family + Seed Round	481,997	10.75%
TOTAL	4,481,997	100.00%

■ TRACTION - REVENUE





PLEASE CONTACT US

Porto Alegre **BRAZIL** | Espoo **FINLAND**

(51) 3300.5996 | contato@pixforce.com.br