



SAOLATEK

# DRONE FOR DEVELOPERS

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COMPANY PRESENTATION





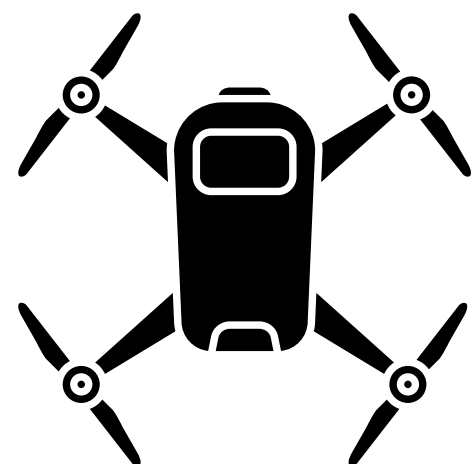
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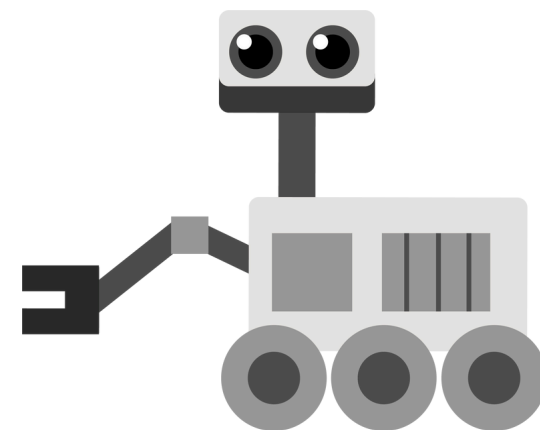


# ABOUT COMPANY

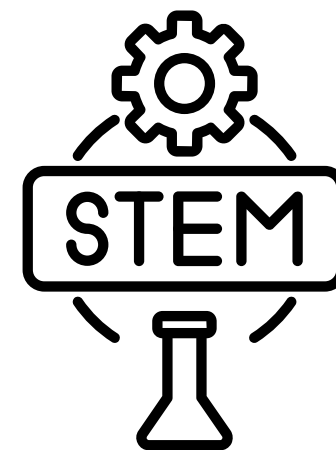
Saolatek is a STEM-focused startup founded in June 2023 in Ho Chi Minh City, Vietnam. It specializes in developing ultra-light FPV drones and heavy-lift models like the S550, S650, S710, Cargo, as well as custom drone solutions. With a strong emphasis on research and education, Saolatek aims to lead innovation in UAVs, robotics, and STEM fields.



UAV



ROBOT



STEM



VIET DRONE



Saolatek's e-commerce platform, specializes in authentic UAV/robotics components and integrated solutions, offering consulting, assembly, and operational support for students and tech enthusiasts.



# ABOUT FOUNDER

“We aim to apply advanced technology in drones, robotics, STEM, and 3D printing to solve workforce challenges and drive human development. We believe in the power of small steps and excel in details that build transformative solutions. The goal is to enhance performance, serve everyone, and contribute to global progress through affordable products and Vietnam's intellect.”

## TRAN ANH TUAN FOUNDER/CEO

- Automotive Mechanical Engineer, Ho Chi Minh City University of Technology (HCMUT)
- 9 years working at PTSC Quang Ngai
- Founder of Tuan Minh Sport
- Founder of Saolatek
- Head of the Startup Committee, Quang Ngai Entrepreneurs Club





## OUR VISION

We aim to be a leading provider of hands-on educational solutions by combining STEM, UAVs, and robotics. Our aspiration is for every student to have the chance to interact with and make use of a Saolatek product at least once in their life.

## OUR MISSION

We focus on mastering the small details — the essential building blocks that collectively shape the bigger picture.



# OUR CORE VALUE

**1 Proactiveness**

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**2 Creativity**

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**3 Sharing**

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**4 Focus**

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**5 Perseverance**



# PROBLEM

Drone developers and students face three major obstacles in their development journey: time-consuming hardware integration and compatibility issues that delay innovation, complex implementation of AI and autonomous systems from scratch leading to extended development cycles, and significant barriers in adapting drone systems to specific requirements or applications. These challenges hinder technological advancement and educational opportunities in drone development.

## Problem 01

### Cost & Risk

High investment, uncertain outcomes, extended development time

## Problem 02

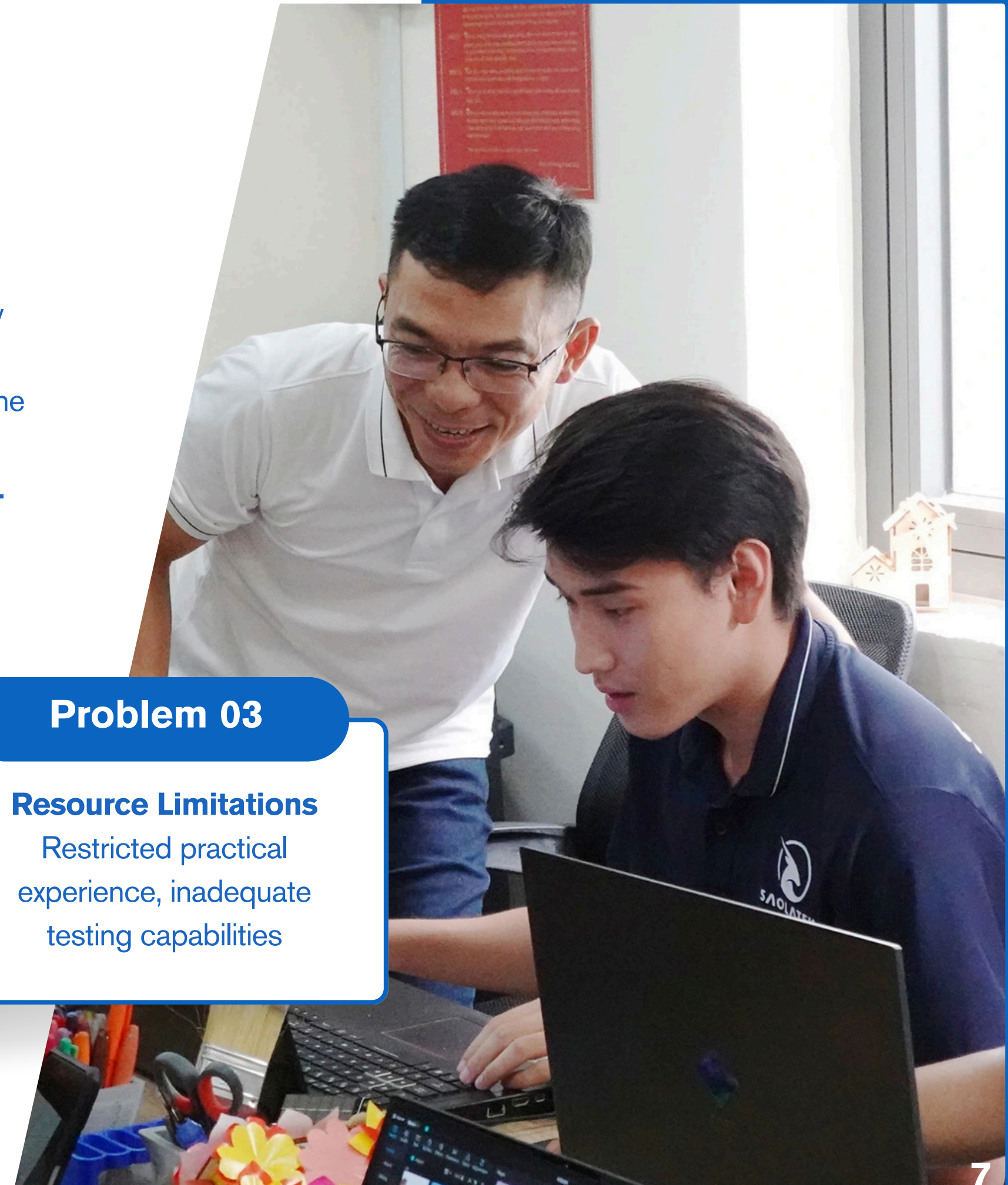
### Technical Barriers

Complex integration, limited feature implementation, safety concerns

## Problem 03

### Resource Limitations

Restricted practical experience, inadequate testing capabilities



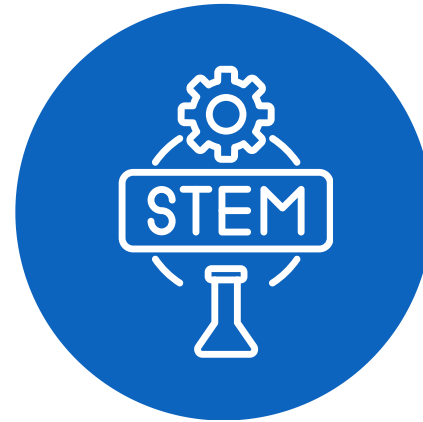


# OUR SOLUTION



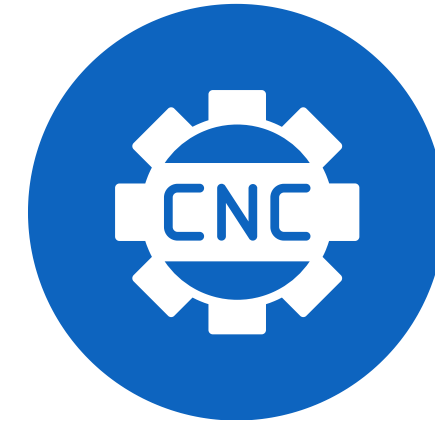
## UAV, ROBOTIC

Ultra-light FPV Drones,  
Drones Frame and Dev Kit,  
ROV



## STEM

STEM Products, STEM Event  
Organization, and Training  
Support



## CNC, 3D PRINTING

CNC, 3D Design and Printing



# OUR FRAME & DEV KIT GOAL



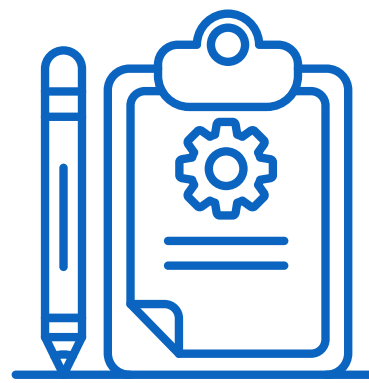
**ROBUST**

Light Weight  
High Payload



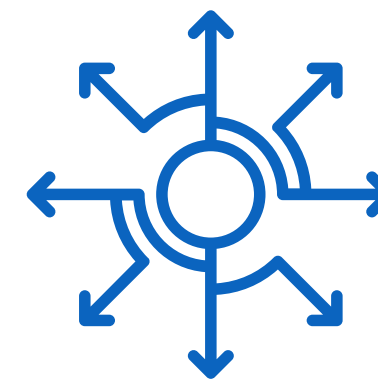
**AFFORDABLE**

Student-Friendly  
Pricing



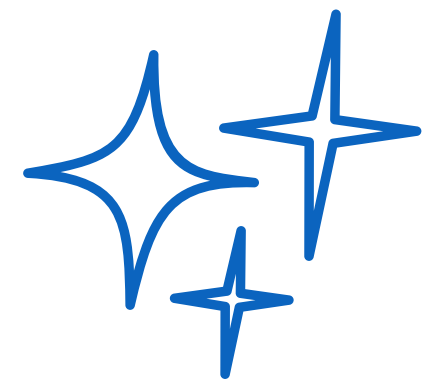
**MODULAR DESIGN**

Wide Selection, Low  
Repair/ Maintenance  
Costs, Easy-to-Upgrade



**EXPANDABLE FOR  
RESEARCH**

Flexible, Open-source  
Platform for Hardware &  
Software Customization



**AESTHETICALLY  
PLEASING**

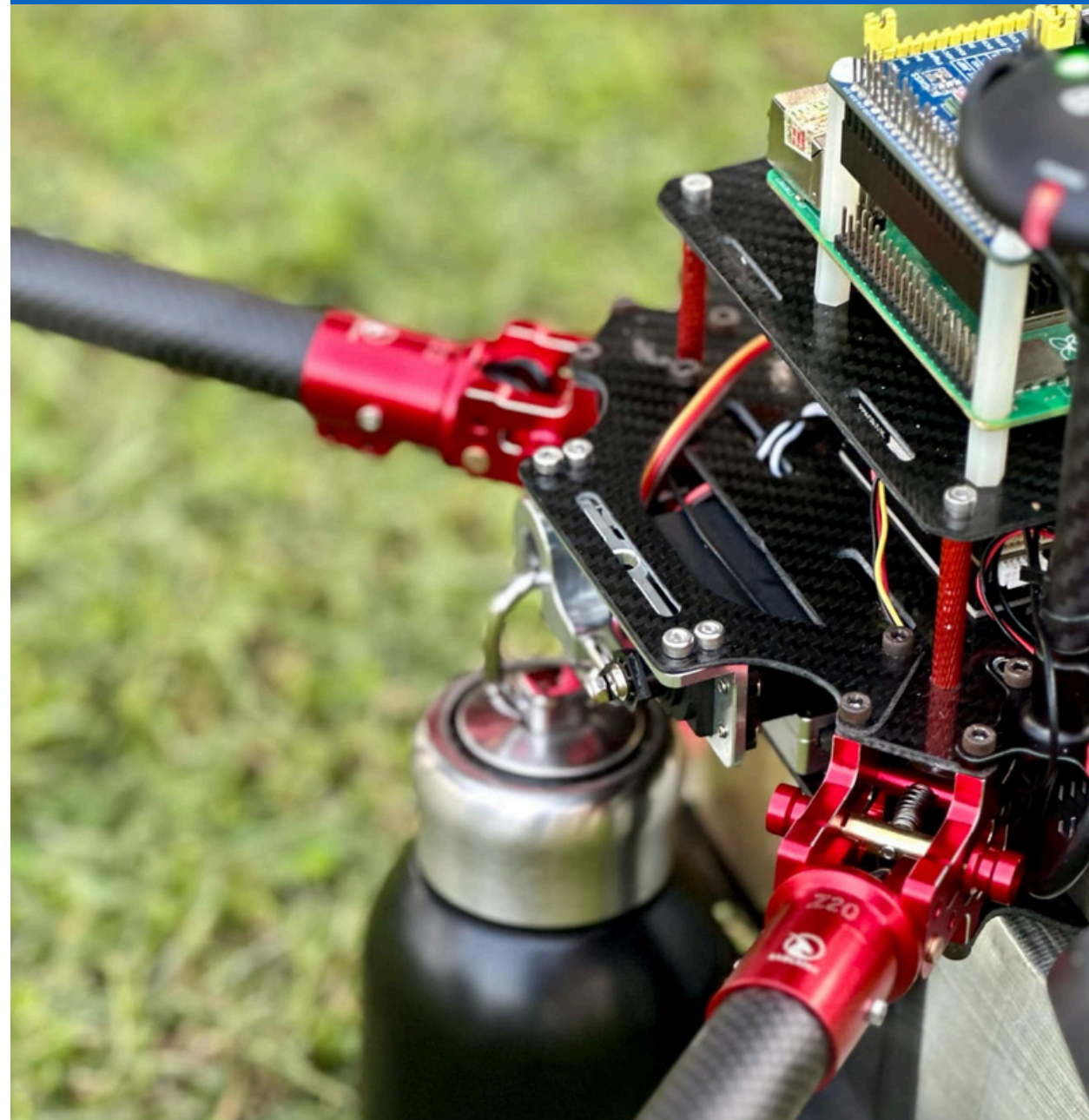
Functional, Compact,  
Cables are Hidden to  
have Visually Refined



# S550 DEV KIT

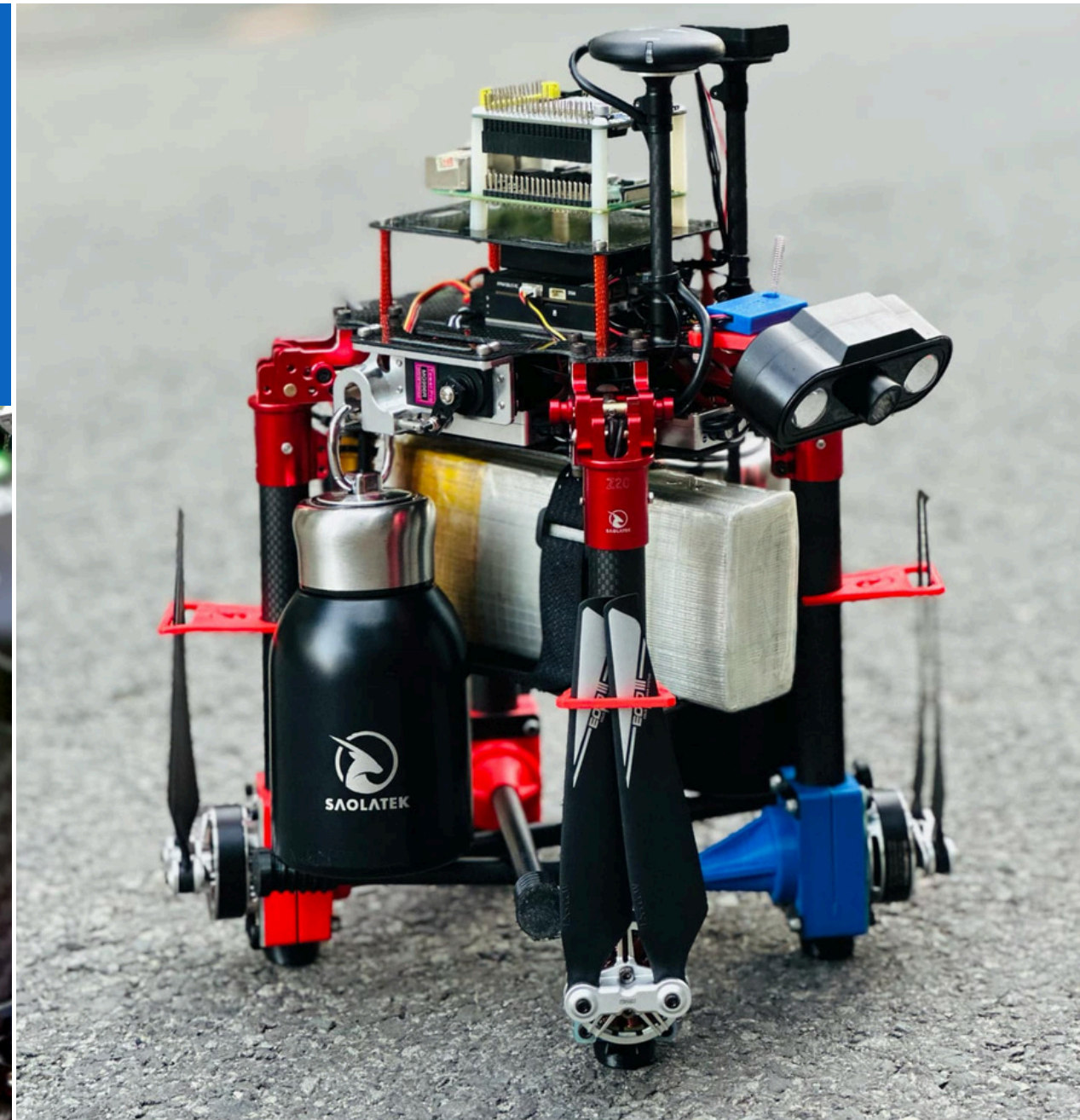
## ADVANCED TECHNOLOGY

- **Autonomous Flight:**  
Complete 4G network control
- **AI Integration:**  
Smart image processing capabilities



## KEY FEATURES

- **Portable Design:**  
Foldable design for backpack portability.
- **Payload Capacity:**  
1 kg capacity (4 coffee cups equivalent).
- **Extended Range:** 20 km operational radius.



## CUSTOMIZATION EXCELLENCE

- **Hardware modifications:** tailored to specific requirements
- **Software integration** optimized for unique applications



# CARGO



## KEY FEATURES

- **Smart hollow-frame design** optimized for component integration.
- **Highly customizable for various use cases:** scientific research, training, or specialized UAV development.
- **Strong performance:** heavy payload capacity, extended flight time, ideal for testing and prototyping.

## KEY SPECIFICATION

- **Weight: 15–17 kg** (depending on configuration), payload capacity up to 15 kg
- **Power Source: 12S LiPo battery** (16,000 mAh)
- **Flight Time: ~25 minutes with 5 kg payload** (hover mode)





# COMPONENT



Sensored  
Brushless Motor



Waterproof 2-in-1  
ESC & Motor



Brushless Sensored  
ESC/Motor Power System  
with Wireless module



Sensored ESC and  
Brushless Drift Motor



and MORE



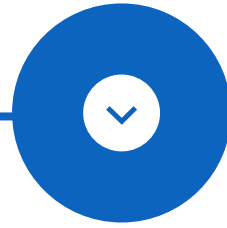
# FOR DEVELOPER

The Saolatek platforms enable developers to test and optimize drone applications in real-world scenarios. With access to advanced technology and performance optimization tools, innovators can develop solutions for diverse industry applications.



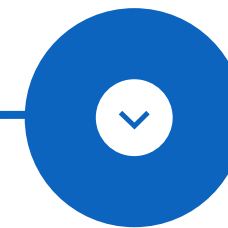
## Smart Agriculture

Crop monitoring and pesticide spraying.



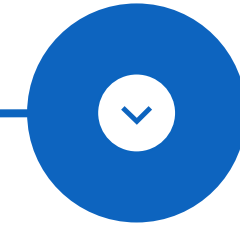
## Transportation

Applications in fast delivery and smart logistics.



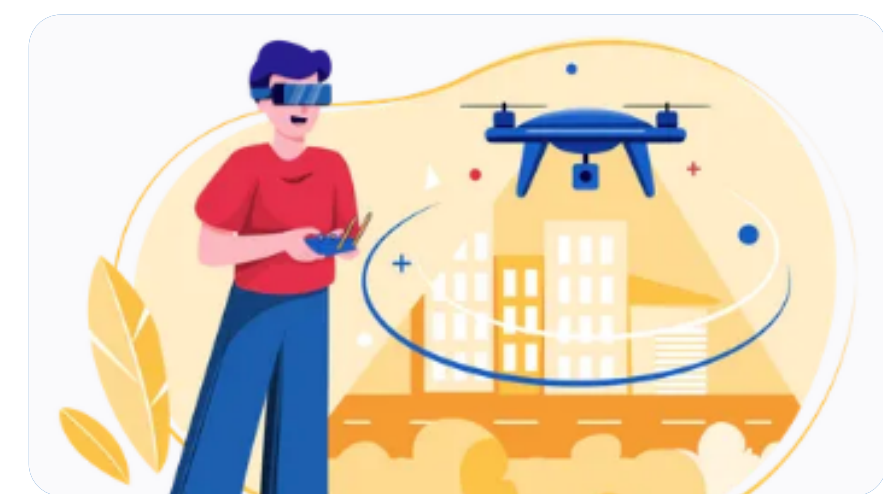
## Construction Monitoring

Support for surveying, mapping, and infrastructure inspection.



## Entertainment and Creativity

Developing new applications in filmmaking and media production.





# FOR STUDENT

Saolatek delivers **advanced educational solutions** that seamlessly **integrate drone technology into teaching**. These solutions enable students to transform **theoretical knowledge** into **practical skills** through **hands-on experience**.



## Educational & Research Support

- Access to advanced drone technology for students, educators...
- Accelerated development time for drone-related projects



## Training & Education

- Ideal devices for training drone pilots.
- Serves for skills assessment and training engineers and maintenance technicians for drones.



## Specialized Missions

- Fast delivery in urban and remote areas.
- Search and rescue, security, and environmental monitoring.
- Conducts specific and emergency missions.





# OUR PARTNER



BINH DUONG  
UNIVERSITY



HUTECH  
UNIVERSITY



VIETNAM AVIATION  
ACADEMY



LY TU TRONG  
COLLEGE OF  
TECHNOLOGY



ĐH CÔNG NGHIỆP  
TP. HCM



ĐH NGUYỄN TẤT  
THÀNH



ĐH SP KỸ THUẬT  
TP. HCM



CĐ KỸ THUẬT CAO  
THẮNG



CĐ CÔNG NGHỆ  
THỦ ĐỨC



ĐH TÔN ĐỨC  
THẮNG



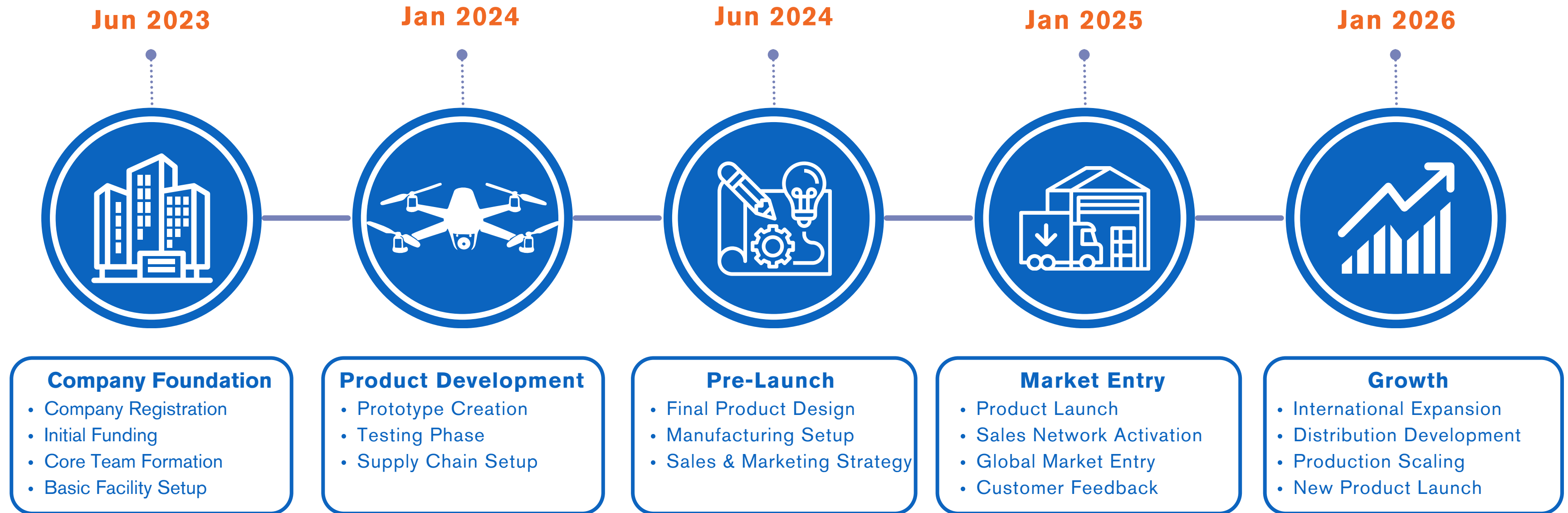
ĐH GTVT  
TP. HCM



ĐH THỦ DẦU  
MỘT



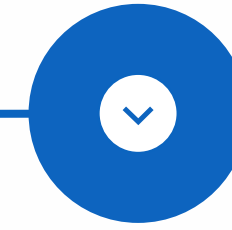
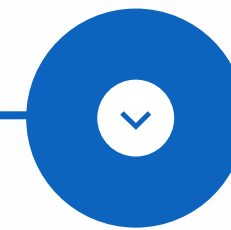
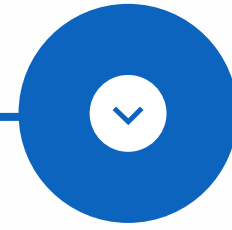
# MILESTONE





# SEEKING PARTNERSHIP

Saolatek seeks to collaborate with individuals and organizations in the following areas



## Research & Development (R&D)

Collaborating on research in UAV, AI, and robotics technologies

## Market Expansion

Connecting with partners to grow distribution and business networks

## Training & Education

Developing training programs, workshops, and STEM-related events

## Business Partnerships

Forming strategic alliances in manufacturing and application



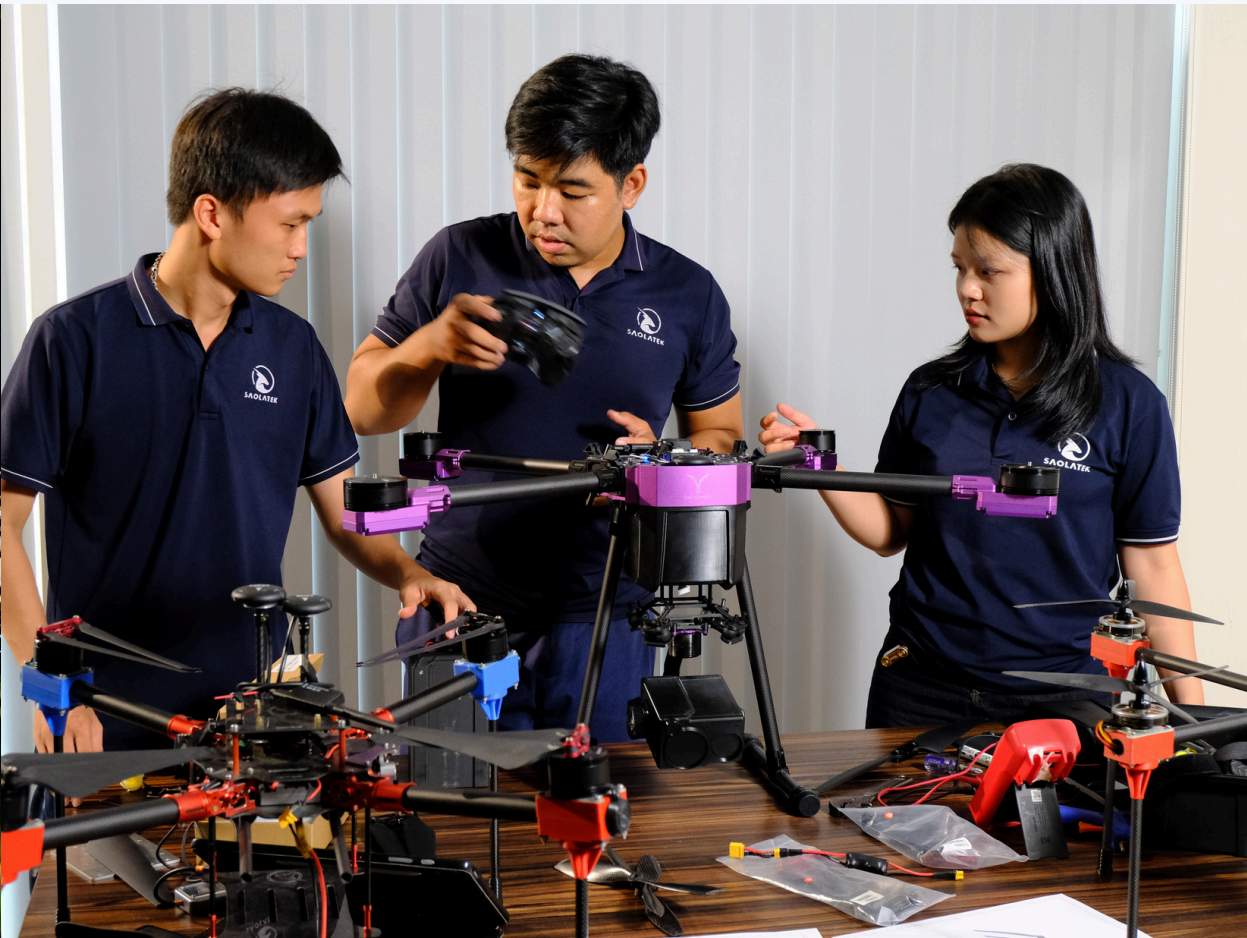




# SEEKING PARTNERSHIP











# THANK YOU!



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