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A Japanese **drone** manufacturer supporting disaster relief and international contributions

Prodrone Co., Ltd.

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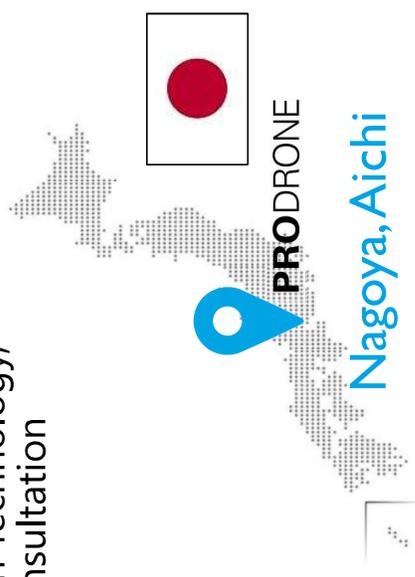


Company profile

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Company Name	Prodrone Co., Ltd.
Head Office	1-115, Nakahira, Tenpaku-ku Nagoya Aichi, Japan
Established	January 2015
Business	Development and manufacturing of commercial drones
Shareholders	Founders, President and Management, KDDI Smart Drone, JTEKT, Kobe Toyopet, Drone Fund, Nagoya Railroad, Honda Cars Shinano, Meiho Honsha, Mobility Navi, Nagoya Capital Partners, Aichi Capital, Sho-Bond, Aisan Technology, Nagoya Small and Medium Business Investment & Consultation
President, CEO	Tony Shunsuke Toya
Management	Kiyokazu Sugaki (Co-Founder, CTO) Kazuo Ichihara (Co-Founder, Managing Director) Shusaku Takeshima (COO & CFO)
Employees	60 employees



To Become the most trusted drone company, starting from the local community.

Through our contributions to the development of local communities, originating in Nagoya, Aichi, our drones will be deployed throughout Asia and globally.





Problems

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Natural disaster



International tensions



Decreasing workforce
due to aging society



Prodrone addresses these global challenges through its three **P's**:
“**Prevent Disasters, Protect Lives, Provide Communities.**”



Prevent disaster

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"Prevent" the damage from natural disasters



"Water & Air Hybrid Drone" for river inspection and surveying

"Prevent" the outbreak of war



"GT-M" for border surveillance

Prodrone contributes to disaster prevention and defense efforts as natural disasters become more severe and frequent and international tensions rise.



Protect lives

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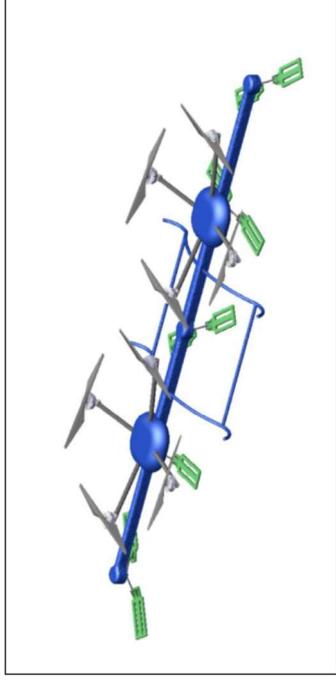
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“Protect” at disaster sites



“Prodrone Rescue” for disaster relief

“Protect” through reconstruction



“Mine detection drone”

We contribute to disaster response and mine detection, working to safely and efficiently restore daily life in areas affected by disasters and wars.



Provide communities

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“Provide” for mountain and remote island communities



"GT-M" for offshore facility inspection



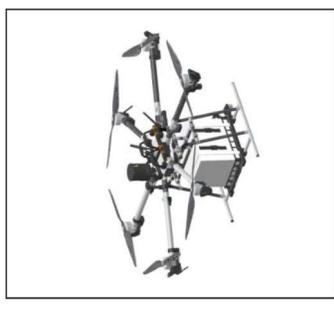
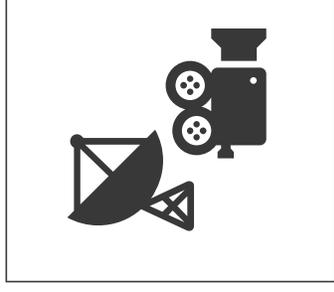
"GT-M" for spraying pesticides



"PD6B" & "PD4BM" for logistics



“Provide” urban communities



"PD6B-CAT3" for urban surveying, live video broadcasting, and logistics

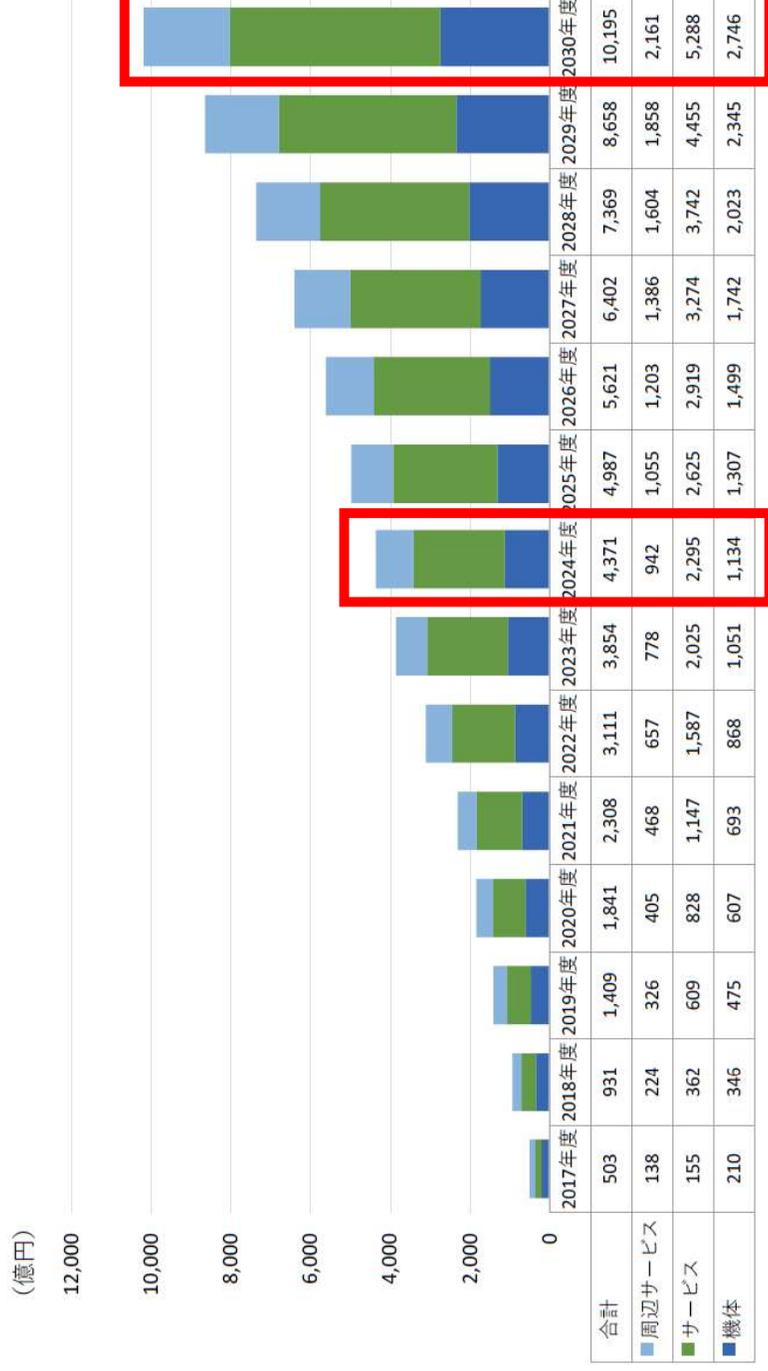
Prodrone contributes to the maintenance and development of rural communities. And we promote the use of large payload drones in urban communities.

Japan's Drone Market Size Trends

FY2024 Drone Business Market size: **3 billion USD**

Projected FY2030 Market size: **almost 7 billion USD**

The Japanese drone market is experiencing significant growth, driven by the lifting of level 4 flight restrictions



Source) Impress "Drone Business Research Report 2025", April 1st, 2025



The Application provide by Prodrone are



Search and Rescue

IP



IP



Autonomous Flight
(Ground Control System)



Inspection



Mine Detection



Sea and Air Hybrid Drone
https://www.youtube.com/watch?v=D_zvUulqQsQ

Drone for “Mine Detection”

PoC / under development

Date: April 2025 – April 2026

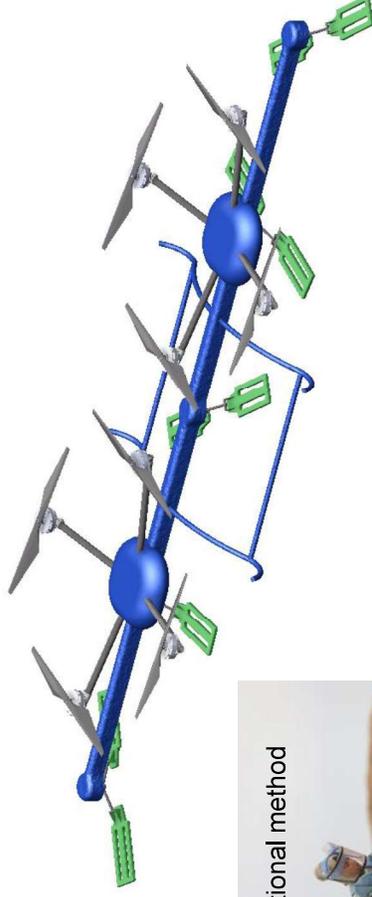
Place: Ukraine

Application: Mine Detection

Description:

- A drone equipped with a landmine probe will be flown over areas contaminated with landmines laid during the Russian invasion of Ukraine. With funding from UNIDO, a feasibility study and survey began in April 2025, with commercialization targeted in the coming years.

- Manual methods (e.g., stick-type detectors) are dangerous and time-consuming. At the current pace, full clearance could take centuries.



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PADECO



**AILAND
SYSTEMS**



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Drone for “Search and Rescue”

On Market



Date: September 2024
Place: Noto peninsula heavy rain disaster area
Application: Search
Description: This drone aided in the Noto peninsula heavy rain disaster survey, accessing areas inaccessible to Self-Defense Forces vehicles to identify collapsed roads and assess damage.



Date: January 2025
Place: Mie prefecture
Application: Search and Rescue
Description: In joint training with the Self-Defense Forces, a person in need of rescue was found in two minutes. The drone has already been delivered to the Toyota City Fire Department.



Issues to solve with Israeli companies

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- 1. Miniaturization of UAVs**
- 2. Improvement of communication performance between UAVs**
- 3. Enhancement of UAV detection accuracy**
- 4. Establishment of alternative communication methods for UAVs**
- 5. Analysis of sensor data collected by UAVs**



Scouting Technologies

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- a. **UAV miniaturization technology (Advanced logic board design, thermal dissipation solutions, Innovative cooling systems etc.)**
- b. **Improved communication performance between ground-based UAVs**
- c. **UAV detection technology**
- d. **Control and guidance technology**
- e. **Anti-jamming technology (redundancy technology)**

<https://www.prodrone.com/>



The three P's of Prodrone

Prevent Disasters

Protect Lives

Provide Communities



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