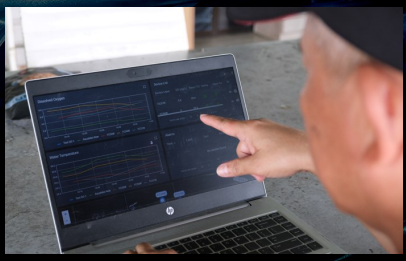
From Ocean To Table

An all-in-one platform with a comprehensive suite of functions to support operations from farming to logistics to retail.

FarmLink AIOT





As a fish farming and wholesale business in the food industry, we are all too familiar with the challenges at every stage of the supply chain.

Hence, we developed a solution to tackle these challenges using prevailing and proven technologies.

Technologies

On-Cloud Platform

Management of devices, data, and software.

Internet-of-Things (IoT)

Collection of data using various hardware.

Data Science

Industry knowledge meets technology to generate insights and reports.

Artificial Intelligence

Discover patterns and trends using automation.

Applications

Food Safety

Alert notification when temperature deviates in your food storage environment. Export data logs for audits and trend analysis.

Sustainability

Ensure traceability of food products to attain Aquaculture Stewardship Council (ASC) and Marine Stewardship Council (MSC) certification.

Net Management

Analyse data and uncover the yield performance of every net. Optimize net management e.g. customizing feed amount or feed mixture for every net



A solution from **The Fish Farmer Pte. Ltd.**
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FarmLink AIOT

From farm to table

Implementation



Farming

Reduce mortality rate on farms through the use of non-invasive technologies.

Our image and video-based AI system can provide information of the fishes without removing them from the waters:

- Growth tracking (weight & size)
- Biomass estimation (fish counting)
- Harvest efficiency (fish counting)



Ensure that farmed animals are growing healthily by monitoring their environment:

- Dissolved Oxygen (DO%)
- Potential of Hydrogen (pH)
- Salinity
- Water Temperature (°C)
- Oxidation-Reduction Potential (ORP mV)
- Turbidity (NTU)
- Ammonia (ISE)
- Nitrite & Nitrate (ISE)



Logistics

24/7 alerts helps you to react immediately to temperature deviation in your cold storage. Learn power consumption rate of your equipment.

Storage Units	Temp. Range
Cold Room	-18°C
Chest Freezer	-20°C
Chiller	0°C to 4°C

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