

# Smart, safe & connected ROV operations

How to enhance net integrity and fish welfare in aquaculture

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#### Aqua Ice 2025

Harpa 30<sup>th</sup> of September and 1<sup>st</sup> of October











#### **TIME PASSES**

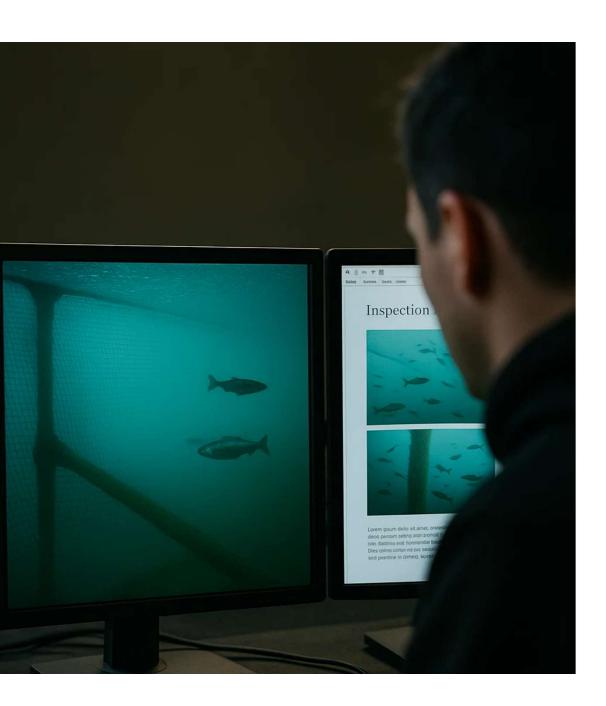




# The ROV challenge

- Inspections of nets and moorings
- Operational windows often close to soon
- Data stuck in manual reports that drives delays
- Challenge not just documentation but also collaboration & intelligence



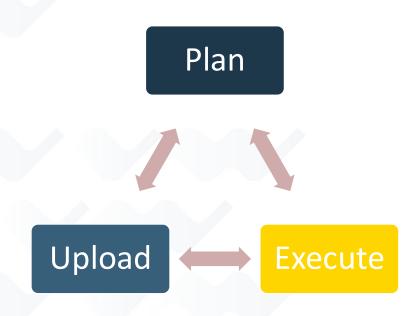


## What is JM Connect

- Connects piloting & reporting
- Monitor remotely and invite guests
- Create inspection mission and send to pilot
- One dashboard for inspection needs



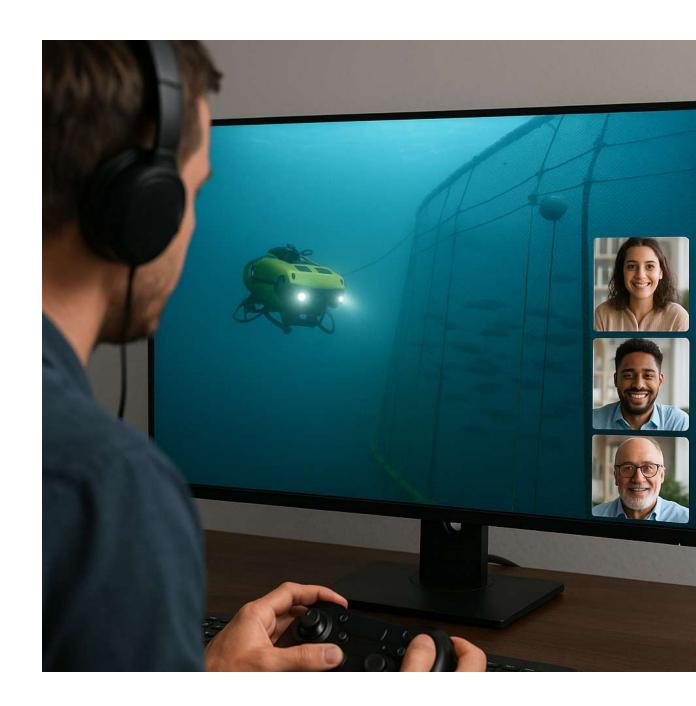
# How it works – simple 3-step workflow



- Create inspection routines anywhere
- Send tasks directly to pilots and ROV's
- Cloud upload = instants accsess

## **Core Features**

- Mission control remote order & monitoring
- Send tasks directly to pilots and ROV's
- Transparency & trust as a competitive edge





tomatic reporting

Consistant routines

interface

Deviation tracking



#### **Automatic reporting**

Saves video, pictures, video and digital reports automatic in the cloud

Deviation tracking

Consistant routines

User friendly interface



#### **Consistant routines**

Checkpoints ensure that critical areas is assesed

Automatic reporting

Deviation tracking

User friendly interface



#### **Deviation tracking**

Deviation reports provide the structured information that you need

utomatic reporting

Consistant routines

interface



#### **User friendly interface**

Complete and searchable archive

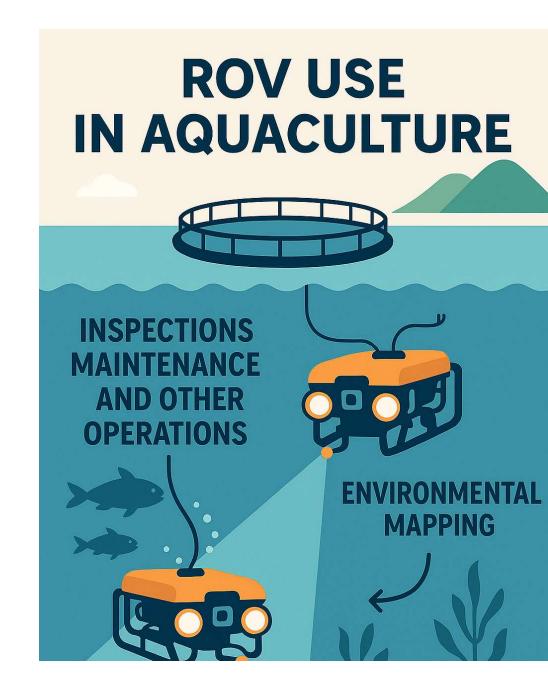
Consistant routines

Automatic reporting

Deviation tracking

# ROV Applications in Aquaculture

- Net integrity inspections = prevent escapes
- Mooring line inspections
- Environmental monitoring = compliance



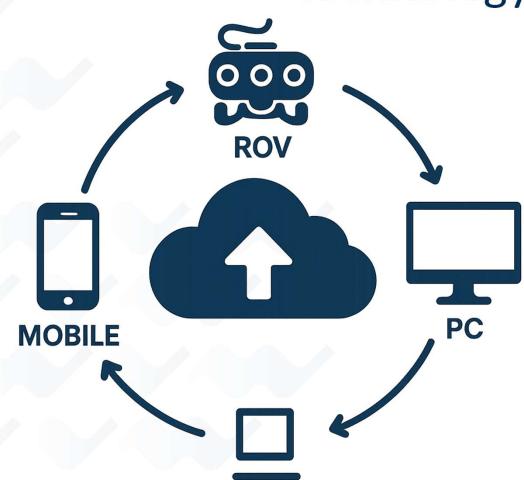


## Benefits for fish farmers

- Better documentation quality
- Remote stakeholder participation
- Easy compliance reporting



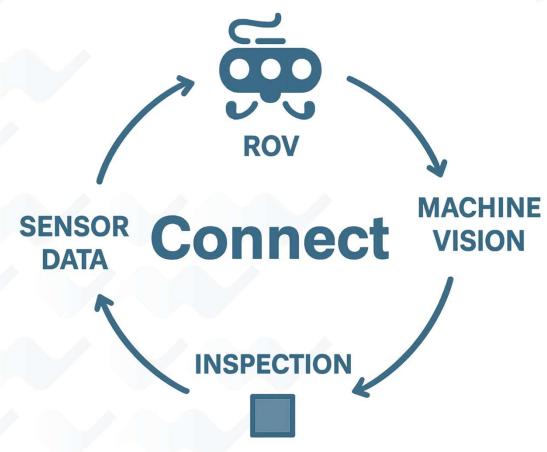
# Technology integration



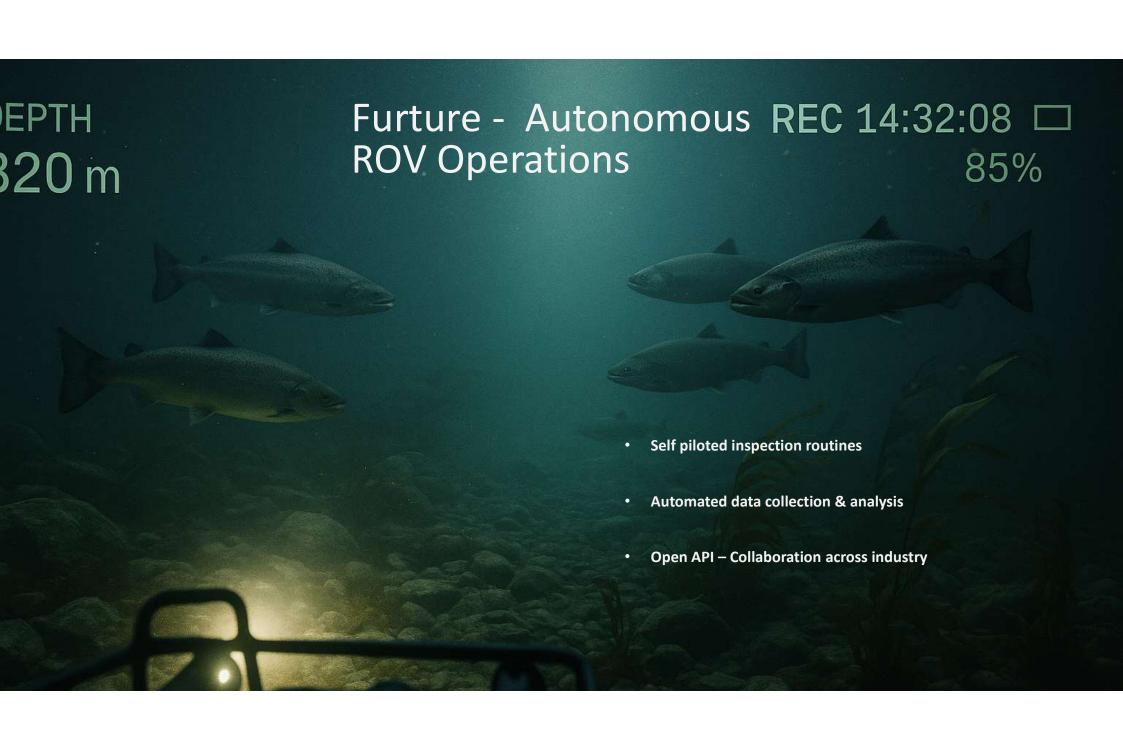
- Works with existing ROV's (JM and others)
- Cloud based
- API integrations with farm systems



## Future – computer vision & Al



- Automated net damage detection
- Fish behaviour analysis
- Environmental anomaly alerts





# Partnership approach





# Start your digital ROV journey

The transformation of aquaculture operations through digital technology isn't optional - it's inevitable. The question is whether you'll be leading this transformation or following it.



# Thank You

Let's work together to build the future of intelligent underwater operations.