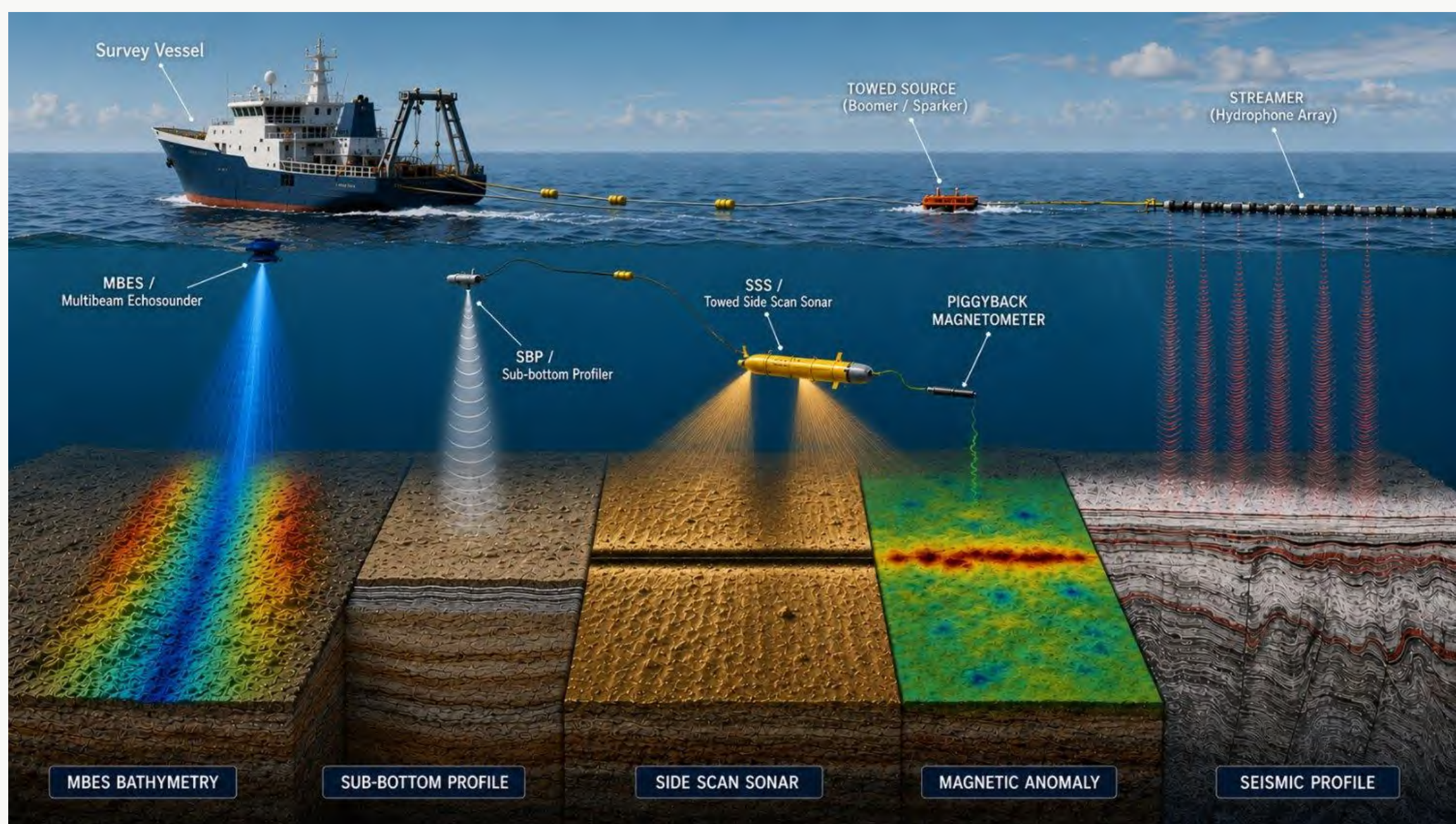




**Heimatland  
Indonesia  
Geosolusi**



# COMPANY PROFILE



[www.hi-geosolusi.com](http://www.hi-geosolusi.com)

# INTRODUCTION

PT. Heimatland Indonesia Geosolusi is a company at the forefront of innovation in marine geophysical solutions. We develop the software the industry works in — **Wadugs** for multi-sensor QC, processing and interpretation, and **CloudChart**, its cloud extension for delivering live project data to any browser.

We also put those same tools to work as a data partner. Hand us your survey data and our geophysicists carry it through QC, processing and interpretation to a clear, decision-ready report — or equip your own team with the platform and the training to do it in-house.

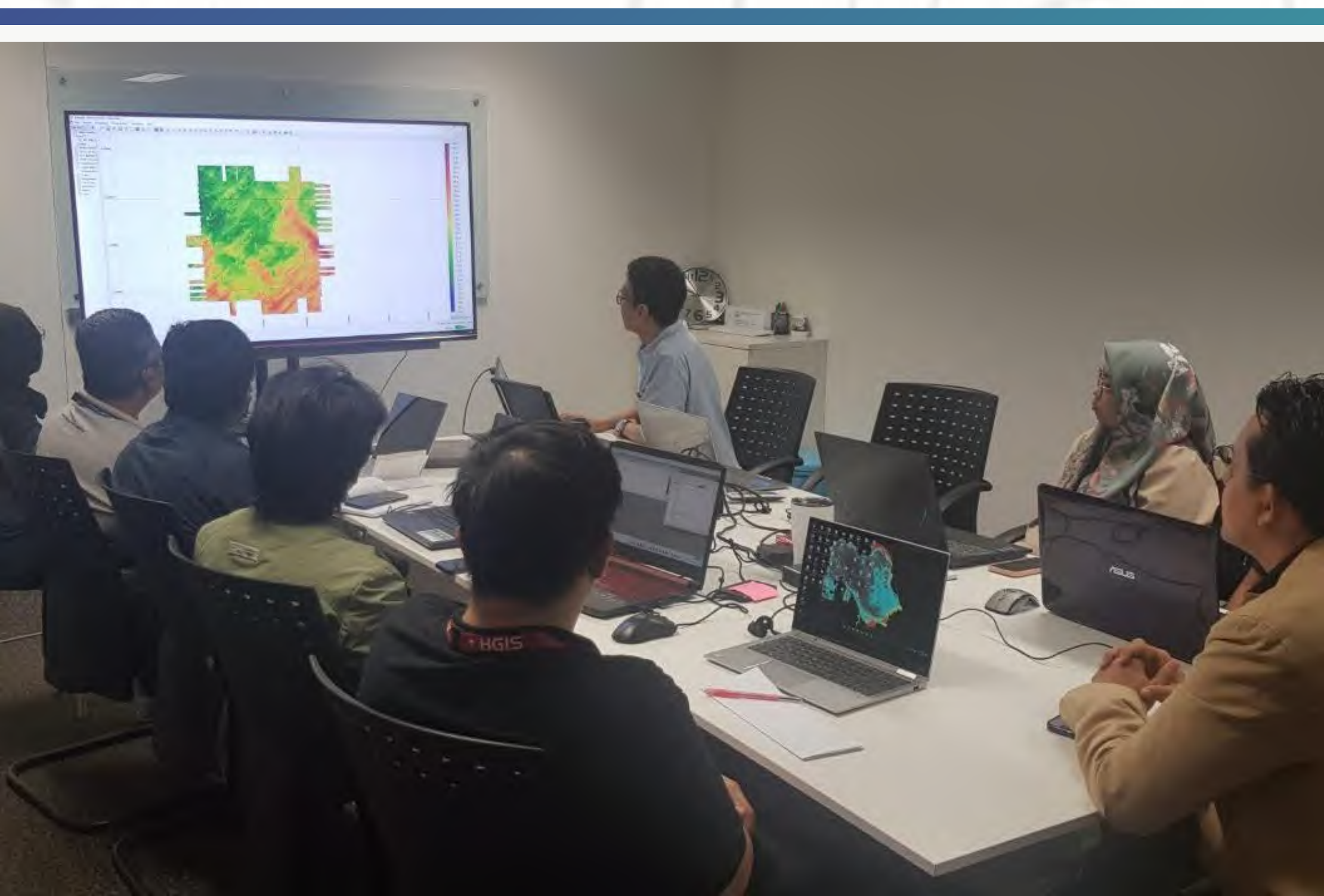
One partner for the full marine survey workflow, from raw sensor data to the decision on the seabed.

## 16+

INDUSTRY PARTNERS

## 5

CORE SERVICES



## 01 Continuous Innovation

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We strive for continuous innovation to deliver solutions that exceed expectations and pioneer new possibilities — in the software we ship and in the way we handle survey data.

## 02 Clients at the Heart

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Our clients are at the heart of everything we do. We are dedicated to understanding their unique challenges and requirements, and we deliver work that not only meets today's needs but anticipates future demands.

## 03 Agility & Resilience

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In the dynamic world of technology we embrace change with agility. Our ability to adapt and stay resilient lets us navigate uncertainty and emerge stronger — securing the long-term success of our company and the satisfaction of our clients.

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**These three values are why clients hand us their data — and why they keep the software long after the first survey.**

To become Indonesia's most trusted partner for marine geophysical survey data — from field to decision — through expert consulting and the foremost software for quality control, processing and interpretation in the marine geophysical surveys industry.

## MISSIONS

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01

Deliver decision-ready data through rigorous QC, processing and interpretation — whether we are doing the analysis or equipping your team to do it.

02

Build software that stays fast and reliable on real survey datasets — in the field and in the cloud — and stay adaptive to trends in marine surveying.

03

Support every client from the first training session through ongoing technical support, long after delivery.

# PRODUCTS & SERVICES

Consulting, software and cloud — end to end. We support the full journey: analyse your survey data, or equip your own team with the tools to do it.

## 01 Wadugs — Survey Software

01

Raw data to deliverables without leaving the workspace: QC, processing, interpretation and reporting for every sensor.

## 02 CloudChart — Cloud Platform

02

A cloud extension of Wadugs: real-time visualisation, live vessel tracking and secure client access, with no server setup.

## 03 Geophysical Data Consulting

03

Hand your survey data to us: QC, processing and interpretation compiled into clear, decision-ready reports.

## 04 Custom Software Development

04

Bespoke geophysical processing and 3D visualisation tools built around your data, sensors and reporting standards.

## 05 Training & Technical Support

05

Comprehensive onboarding for your team and technical support for every user, long after rollout.

## CAPABILITIES

Bathymetry

Side-Scan Sonar

Sub-Bottom Profiler

Magnetometer

Data QC

Interpretation

Reporting

Cloud Sync

# PRODUCTS & SERVICES

## 01 — SURVEY SOFTWARE



<https://wadugs.com>

**WADUGS** is a sophisticated software package designed for geophysicists, geologists and hydrographers to perform data QC, processing and interpretation from every sensor used in hydrographic and geophysical work — inside a single interactive platform.

Take a survey from raw data to deliverables without leaving the workspace. Wadugs is built to stay smooth and stable even on projects containing enormous datasets, so QC, processing, interpretation and reporting all happen in one place.

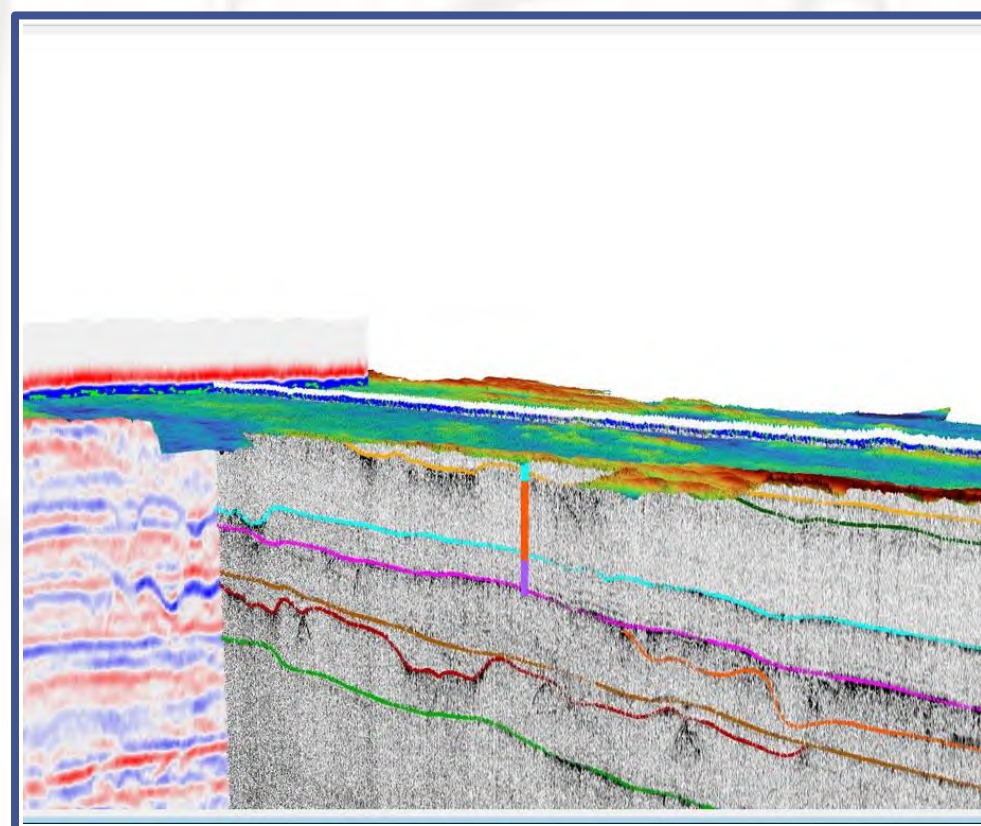
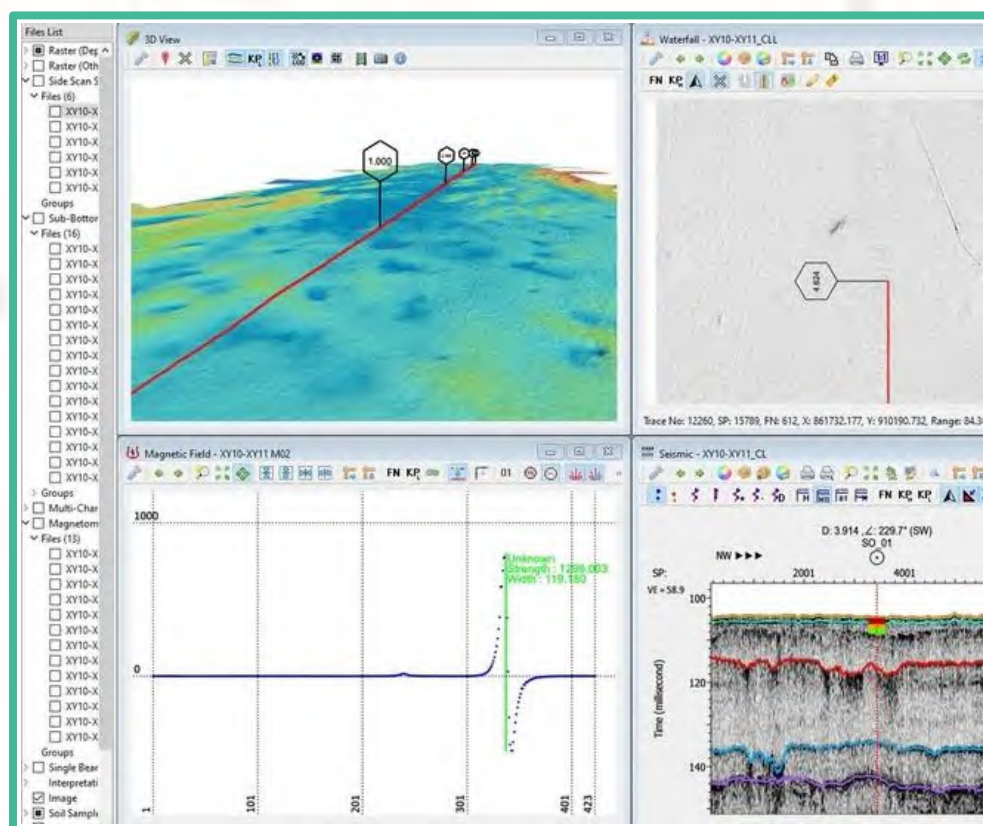
Geophysical Survey

Multi-sensor QC

Processing

Interpretation

Visualization

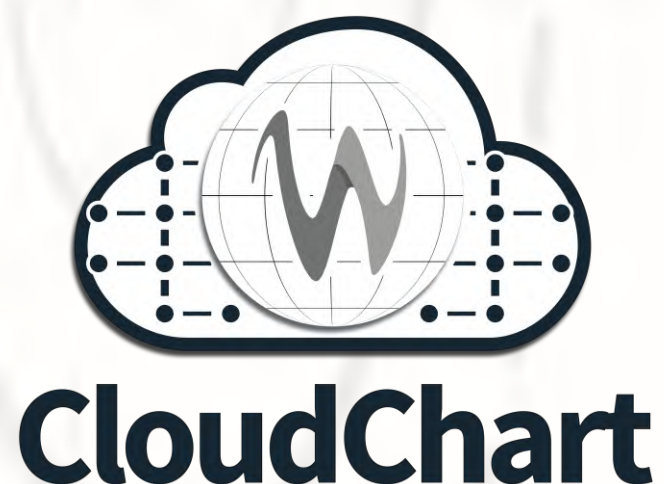


Wadugs — sensor modules

One workspace, every sensor — from acquisition QC to the final chart.

# — PRODUCTS & SERVICES

## 02 — CLOUD PLATFORM



CloudChart is a cloud-based extension of the Wadugs system that brings your project data to life — anytime, anywhere. Designed for seamless integration with the Wadugs desktop platform, it lets teams visualise, track and analyse geophysical and bathymetric survey data through a user-friendly web interface.

Whether you are in the office or out in the field, CloudChart keeps the latest data within reach. Real-time syncing, live vessel tracking, secure cloud storage and responsive dashboards support faster, data-driven decisions without the hassle of manual exports, file transfers or server setup.

Remote monitoring

Save time and cost

Seamless integration

Secure & scalable



CloudChart — live survey data and vessel tracking in any browser

# — PRODUCTS & SERVICES

## 03 — DATA CONSULTING

### Geophysical Data Consulting

Hand your survey data to us. Our geophysicists perform QC, processing and interpretation, then compile clear, decision-ready reports — so your team can act on the seabed with confidence. We work across bathymetry, side-scan sonar, sub-bottom profiler and magnetometer datasets, and deliver to your reporting standard.

#### STEP 01

##### QC & Processing

Raw sensor data validated, cleaned and processed to survey standard.

#### STEP 02

##### Interpretation

Seabed features, anomalies and geology identified and charted.

#### STEP 03

##### Reporting

Decision-ready deliverables, charts and documentation.

#### 4. REGIONAL GEOLOGICAL SETTING

The study area is in the North Sumatra Basin which extends offshore from the north-east of the Sumatra Island in Indonesia to the South Andaman Sea. It is the southern part of the larger Mergui-North Sumatra back-arc basin which is bounded to the north by the convergence zone of the Mergui Ridge with the Sunda Craton, to the east by the Asahan Arch, to the south by the Barisan Mountain and to the west by the Mergui Ridge.

The tectono-stratigraphic development phases of the Mergui-North Sumatra Basin consisted of the following:

1. Initial syn-rift infill deposition in Late Eocene – Early Oligocene;
2. Wrench tectonism in Mid Miocene;
3. Compressional tectonism during Plio-Pleistocene.

The Pre-Miocene structures are oriented north-south while the Post-Miocene structures are oriented NW – SE.

Consulting — report deliverable

# PRODUCTS & SERVICES

## 04 — CUSTOM SOFTWARE

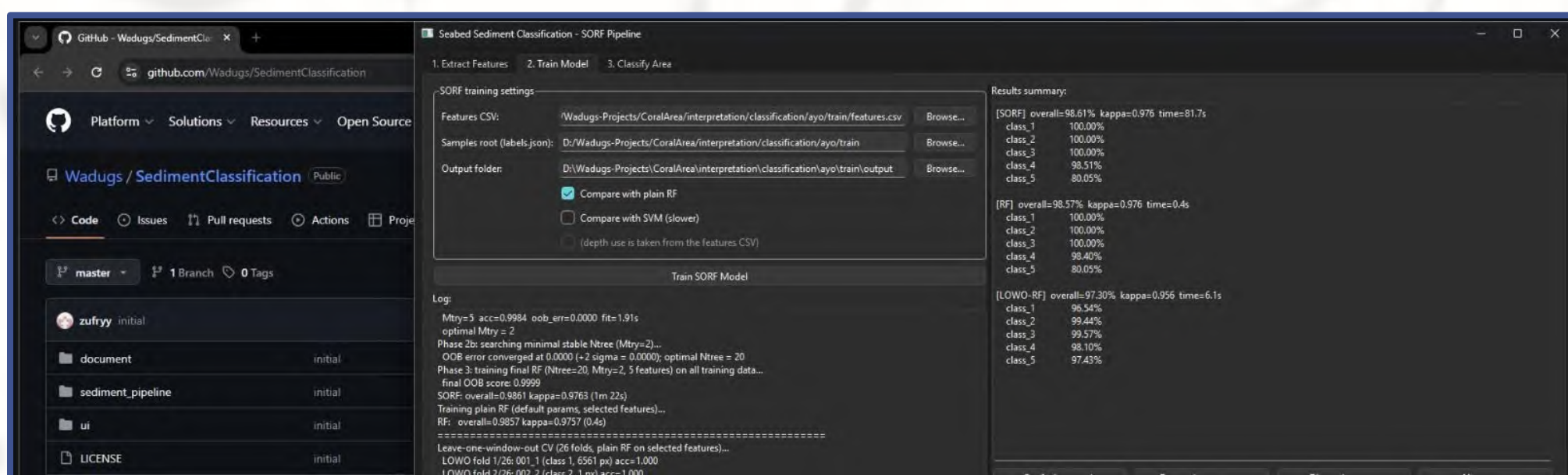
### Custom Geophysical & Visualization Software

Off-the-shelf tools rarely fit a bespoke survey workflow. We design and build custom geophysical processing and 3D visualization software around your data, sensors and reporting standards — turning specialised requirements into fast, intuitive tools your team actually wants to use.

Bespoke workflows

3D visualization

Sensor integration



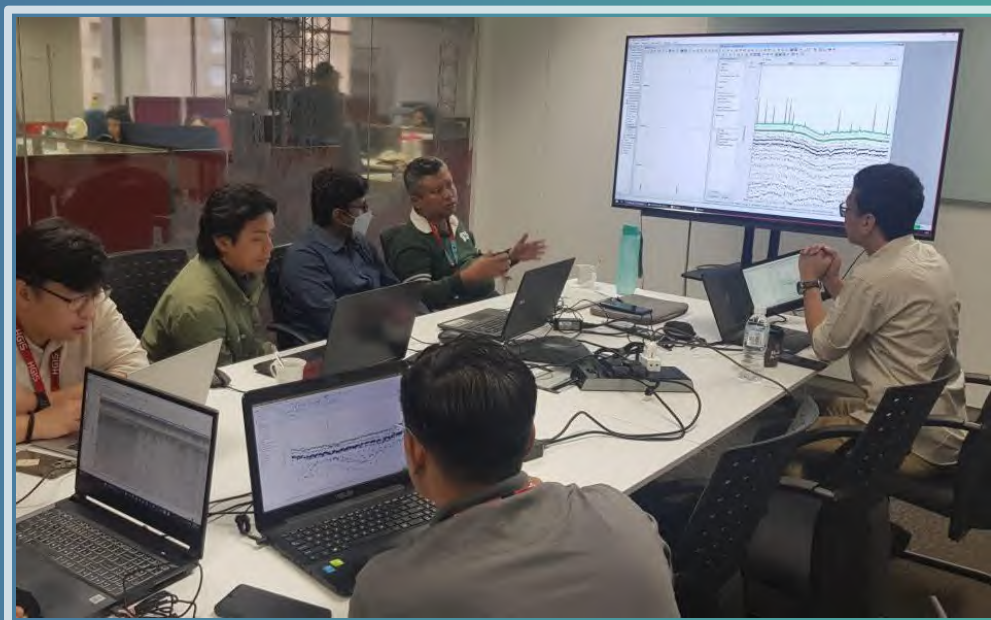
## 05 — TRAINING & SUPPORT

### Training & Technical Support

Comprehensive onboarding for your team and technical support for every user, so the software keeps delivering long after rollout — with documentation and a tracked support desk behind it.

Support

Documentation



# CLIENTS

Trusted across offshore & subsea



Logos are the property of their respective owners.



**Heimatland  
Indonesia  
Geosolusi**

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**From raw sensor data to the decision on the seabed — software, cloud and geophysicists in one partner.**

Talk to us about a survey dataset, a Wadugs licence, or a workflow you would like built.

## CONTACT US



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