

COMPANY PROFILE



TERRA REPUBLIK AUTOMASI

**Intelligent
automation**

for industry, marine
and the digital frontier.

2026

Engineering the systems that move industry forward — on land, at sea, and in the cloud.

BATAM, INDONESIA • [TERRAREPUBLIK.COM](https://terrarepublik.com)

A partner built for industry — and the sea.

Terra Republik Automasi is an engineering and technology company based in **Batam** — Indonesia's premier free-trade and maritime-industrial hub, at the doorstep of the Singapore Strait and one of the busiest shipping lanes on earth.

We build, supply, and maintain the systems that keep modern operations running: industrial IoT, marine technology, IT infrastructure, robotics, and custom software. From a single sensor on a factory floor to a fully instrumented ROV working beneath a vessel's hull, we deliver hardware and software as one integrated capability — designed, installed, and supported under one roof.

Our advantage is **range with depth**. We are equally at home pulling network cable, writing production software, and engineering an underwater robot — and because we do all three, our clients get systems that actually talk to each other.



STRATEGICALLY POSITIONED

Based in Batam — minutes from Singapore and the world's shipping lanes, at the crossroads of Southeast Asian trade.

Where we're headed, and how we get there.

VISION

To be Southeast Asia's most trusted partner for industrial automation and marine technology – the team you call when a project has to work the first time, in the real world.

MISSION

- ✓ Deliver **end-to-end solutions** uniting hardware, software, and field engineering.
- ✓ Bring **high-end hardware and software** within reach of industrial, marine, and commercial operators.
- ✓ Reduce risk, cost, and human exposure to hazardous work through **robotics and automation**.
- ✓ Stand behind every system we install with **responsive, local support**.

Four connected divisions, one engineering team.



01

Industrial IoT

Sensing, monitoring, and control for the physical world — from device to dashboard.



02

Marine Technology

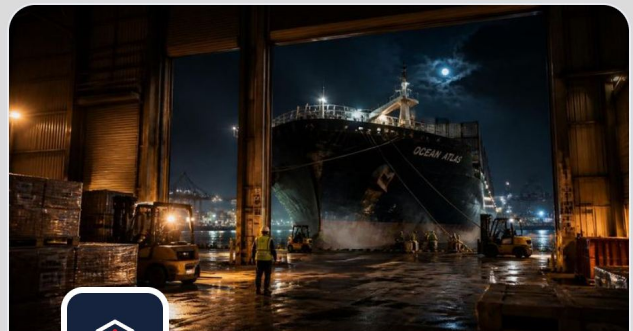
Underwater robotics, subsea imaging, and instrumentation built for the conditions offshore.



03

IT Infrastructure & Supply

Enterprise compute, networking, security, and licensing — specified, supplied, and deployed.



04

Industrial Supply & Consumables

Materials and consumables for the marine and industrial sectors, sourced and delivered reliably.

Genuine hardware, licensed software.

Specified for the job and backed by real support — from a single field sensor to a full server rack.



IoT & Field Devices

- Industrial sensors and instrumentation
- Microcontrollers and embedded controllers
- Depth-rated underwater cameras
- Underwater lighting systems
- Gateways and monitoring endpoints



IT & Enterprise Hardware

- High-end servers and rack systems
- Engineering and workstation-class PCs
- Office laptops and desktop PCs
- Firewalls & security appliances (FortiGate)
- Software licenses and subscriptions



Marine & Industrial Materials

- Material supply for the marine industry
- Safety gloves and hand protection
- Protective and operational consumables



OUR GUARANTEE

Genuine products, backed in writing.

- ✓ Genuine, warranty-backed hardware from authorized channels.
- ✓ The right specification, first time — or we make it right.
- ✓ Local support and fast replacement, on the ground in Batam.

From the whiteboard to a working system.

From software and robotics to power and networks — nine engineering and field services, delivered and supported by one team.



Custom Software Development

Purpose-built applications, from desktop tools to connected platforms — like our own SeaStream Studio.



IoT Monitoring Systems

Turnkey monitoring: sensors, connectivity, and live dashboards that turn field data into decisions.



AI Automation

Workflow and process automation powered by modern AI — cutting manual effort and error.



Computer Vision

Detection, inspection, and object tracking for quality control, safety, and situational awareness.



Robotics Development

ROVs, drones, and object-tracking platforms for inspection and hazardous-environment work.



Blockchain Technology

Distributed-ledger solutions for traceability, verification, and secure record-keeping.



Network Architecture & Infrastructure

Resilient, secure networks — structured cabling, routing, switching, firewalls, and Wi-Fi.



Electrical Installation

Power and control installation for industrial and commercial sites, done to standard and documented.

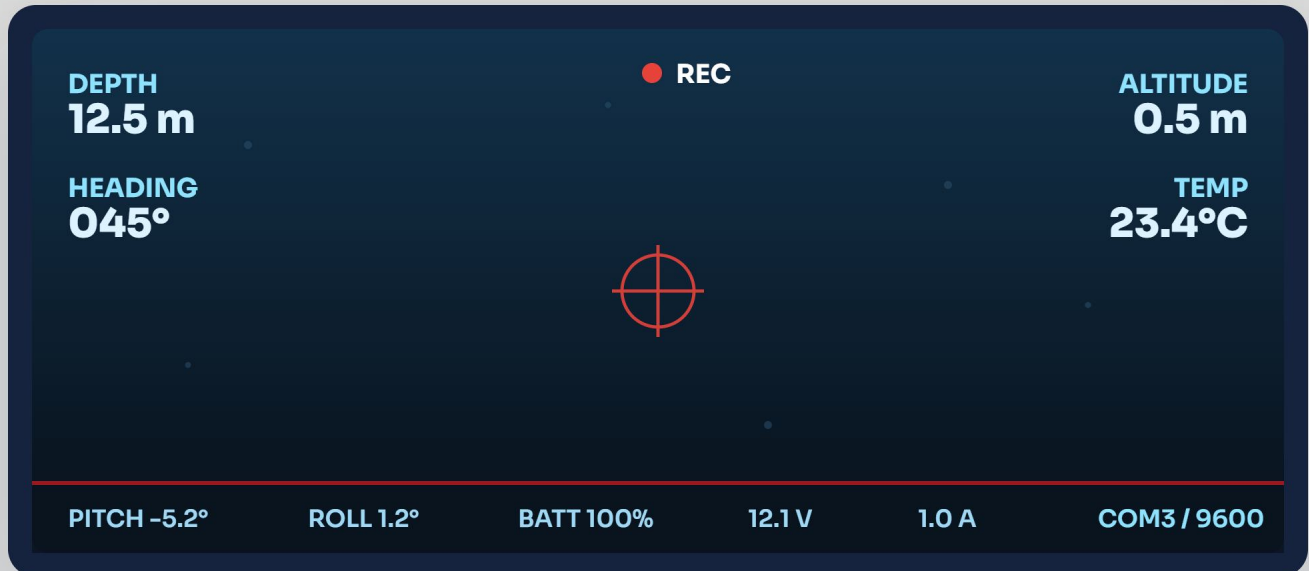


Forklift & Equipment Maintenance

Preventive and corrective maintenance that keeps material-handling fleets moving.

SeaStream Studio

Real-time video overlay & telemetry for ROV and industrial operations.



SeaStream Studio is the new generation of TRA Overlay Designer. It streams video from a camera feed and, in the same frame, overlays live data read straight off a serial connection – depth, heading, pitch, roll, altitude, temperature, voltage, battery, current, and any custom value your equipment reports. Operators design their own overlay by dragging widgets onto the video, then record and push it to a full-screen output – turning a raw feed into documented, decision-ready footage.

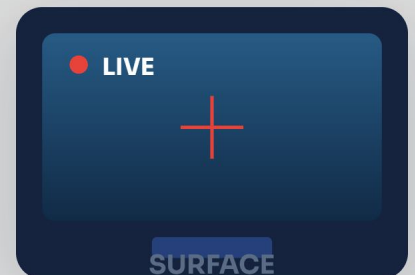
- ✓ Live video streaming with a fully customizable overlay layer
- ✓ Drag-and-drop overlay designer with layer management
- ✓ One-click full-screen overlay output and video recording
- ✓ Reads standard **\$ROV** telemetry – adapts to any comma-separated serial protocol
- ✓ Live serial data mapping at any COM port and baud rate
- ✓ Runs portable on any Windows 10/11 PC – no installer



Every SeaStream Studio purchase includes a lifetime license — one payment, no subscriptions, no recurring fees.

Hydron Cleaner

The ROV that does the dangerous, dirty job so people do not have to.



Hydron Cleaner is a remotely operated cleaning robot that removes residue and sediment from water tanks — streaming live video to the surface the entire time, so an operator sees exactly what the robot sees. Confined-space cleaning is one of the most hazardous jobs in industry; Hydron Cleaner takes the human out of the tank entirely: no confined-space entry, no exposure to residue or fumes, and far less downtime.



Safety first

Eliminates human entry into hazardous confined spaces.



Live visibility

Real-time video from the tank floor to the surface operator.



Lower cost

Less downtime, smaller crews, faster turnaround.



Accountable

Every clean is watched, recorded, and verifiable.

Why Terra Republik Automasi.

01 One partner, end to end

Hardware, software, and field engineering from a single team — no finger-pointing between vendors.

02 Built for the real world

Our systems are designed for the marine and industrial conditions of Batam and beyond — not just the lab.

03 Safer by design

We put robots and automation where people used to face risk.

04 Local presence, global standard

High-end servers, firewalls, and workstations — supplied and supported on the ground in Batam.

05 We build our own

SeaStream Studio and Hydron Cleaner prove we engineer technology — we do not just resell it.



**TERRA REPUBLIK
AUTOMASI**

GET IN TOUCH

Let's build something that works.

Tell us what you need engineered, supplied, or automated — and we will bring the hardware, software, and field team to make it real.



ADDRESS

Ruko Buana Central Park,
Jl. Hancock No. 48, Batam City



PHONE

+62 812-6825-1833



EMAIL

helo@terrarepublik.com



WEB

terrarepublik.com

INTELLIGENT AUTOMATION FOR INDUSTRY, MARINE & THE DIGITAL FRONTIER