



# NATHA BUANA INDONESIA

INTERNET – NETWORK – SYSTEM INTEGRATION – AI & SOFTWARES



HEAD OFFICE

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**PT NATHA BUANA INDONESIA**

Ruko Prima Orchard No C5 - Prima Harapan, Summarecon Bekasi

Jawa Barat - Indonesia

<http://nathabuana.id>

## Our Team

Natha Buana Indonesia didirikan pada tahun 2015 untuk menjawab tantangan solusi jaringan yang efisien bagi klien dengan kebutuhan konektivitas yang sulit dan tidak terlayani layanan komersial pada umumnya, seperti pertambangan, area pedalaman, dan hard access / unserved areas lainnya.



**Umar Lessy**

Commissioner



**Anung Wicaksono**

CEO



**Dwi Kuswarno**

CFO



**Astaka**

COO

## VISION

To be an agile IT & Telco company who deliver best solution to enhance our customers bottom line and help them gain competitive advantage in their market

## MISSION

Constantly applying new technologies and best business practices. Focus on human resources development to maintain best quality and on time delivery. Enhance customers experiences through continuous developing and comprehensive solutions.

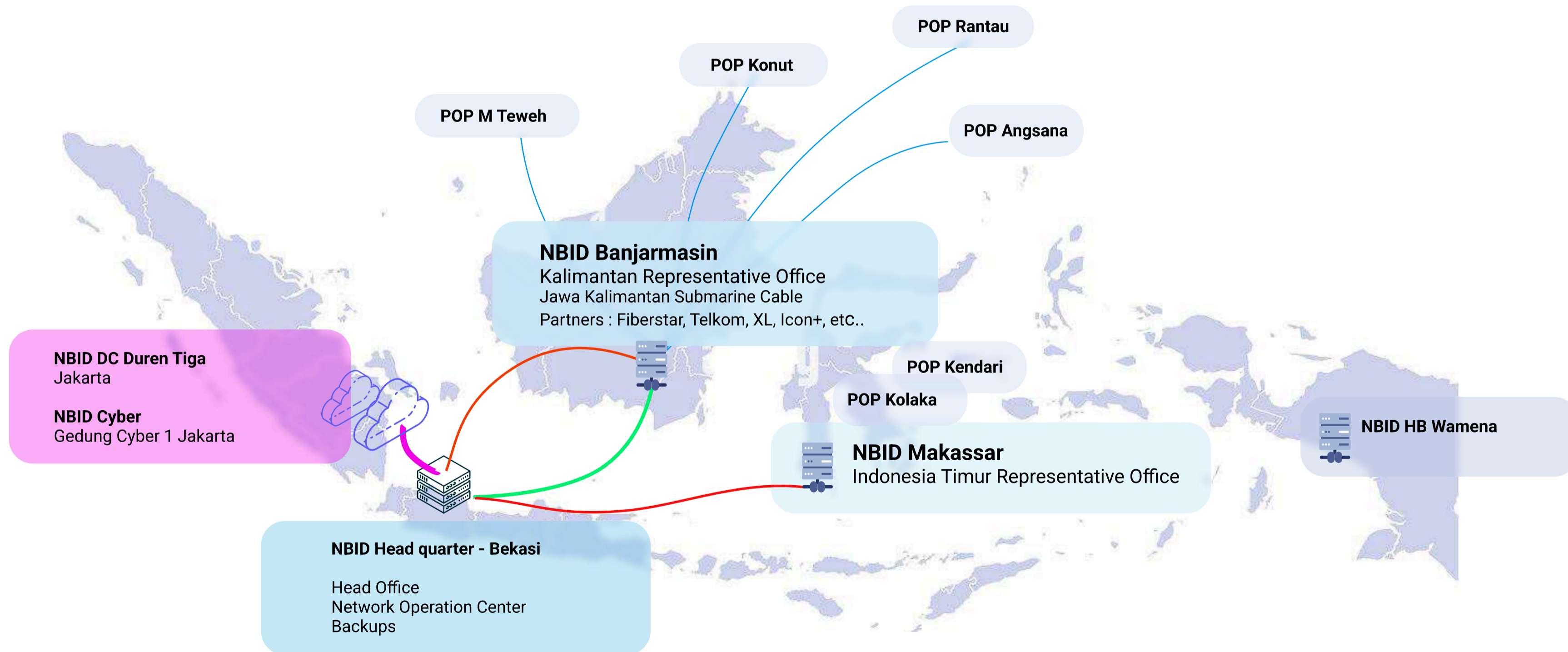
## VALUES

Trusted and Reliable, Long-Term Relationship, Growing Together.



# INFRASTRUKTUR KAMI

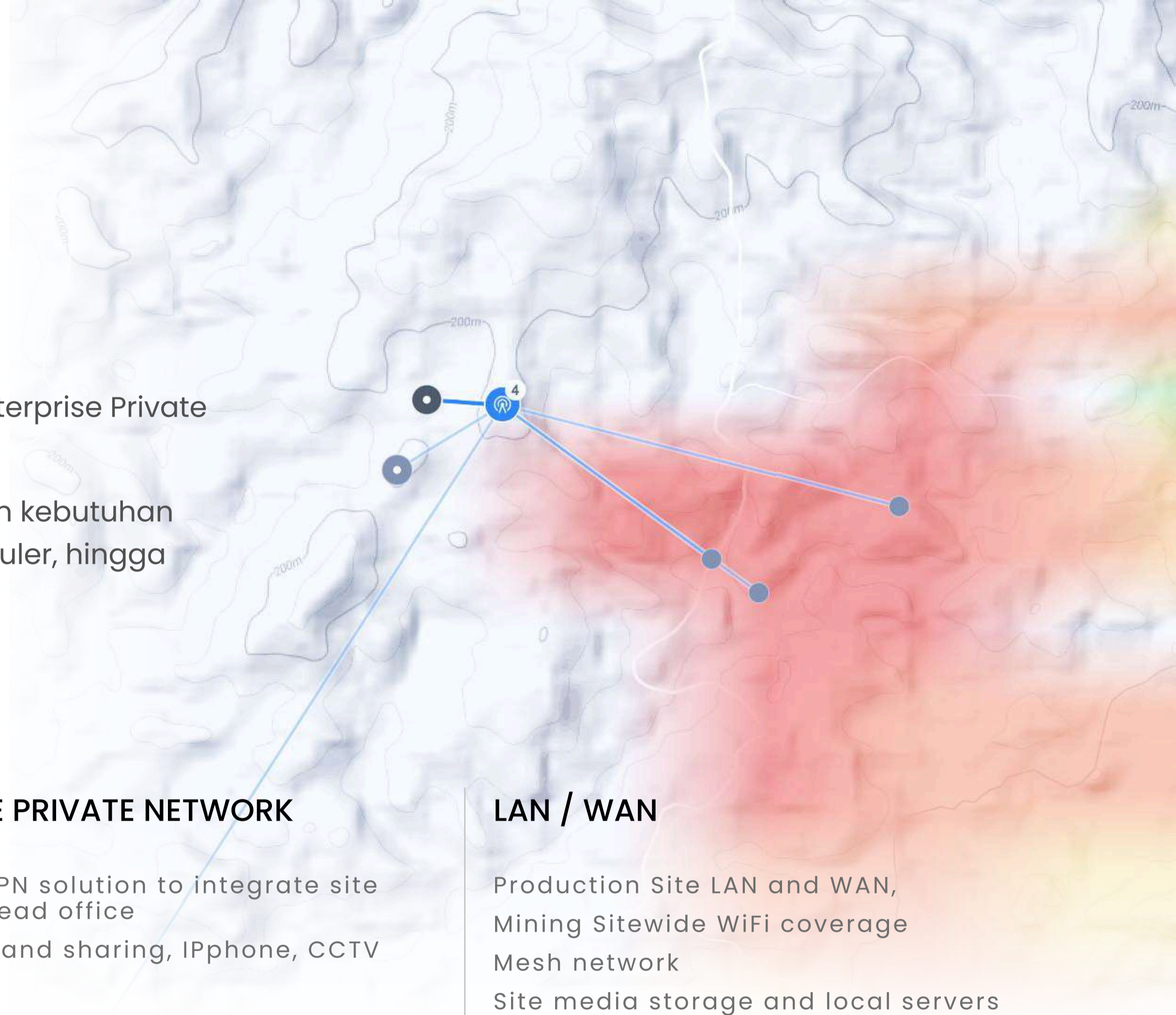
Berpusat di Bekasi sebagai pusat operasional, dengan cabang di Banjarmasin dan Makassar, serta kantor project di Muara Teweh, Angsana, Rantau, dan Wamena (Papua Pegunungan)



## SERVICES > CONNECTIVITY

layanan konektivitas kami meliputi internet, LAN/WAN, Enterprise Private Network, hingga Internet of Things (IoT),

Kami berusaha memberikan solusi terbaik sesuai dengan kebutuhan menggunakan media dari radio, electrical dan optical, seluler, hingga LoRA



### INTERNET

Corporate internet access  
Dedicated with CIR 1:1  
Industrial lastmile solution

- Optical network
- Radio microwave
- Starlink Satellite Connectivity

### ENTERPRISE PRIVATE NETWORK

Enterprise VPN solution to integrate site office and head office  
File storage and sharing, IPphone, CCTV

### LAN / WAN

Production Site LAN and WAN,  
Mining Sitewide WiFi coverage  
Mesh network  
Site media storage and local servers

## SERVICES > HARDWARE & SOFTWARE

Kami menyediakan solusi hardware dan software untuk berbagai keperluan dari komunikasi dan jaringan, **infrastruktur data, sensor, power system, Internet of Things (IoT), wearable devices, remote sensing, surveillance, tracking**, dan lain sebagainya.

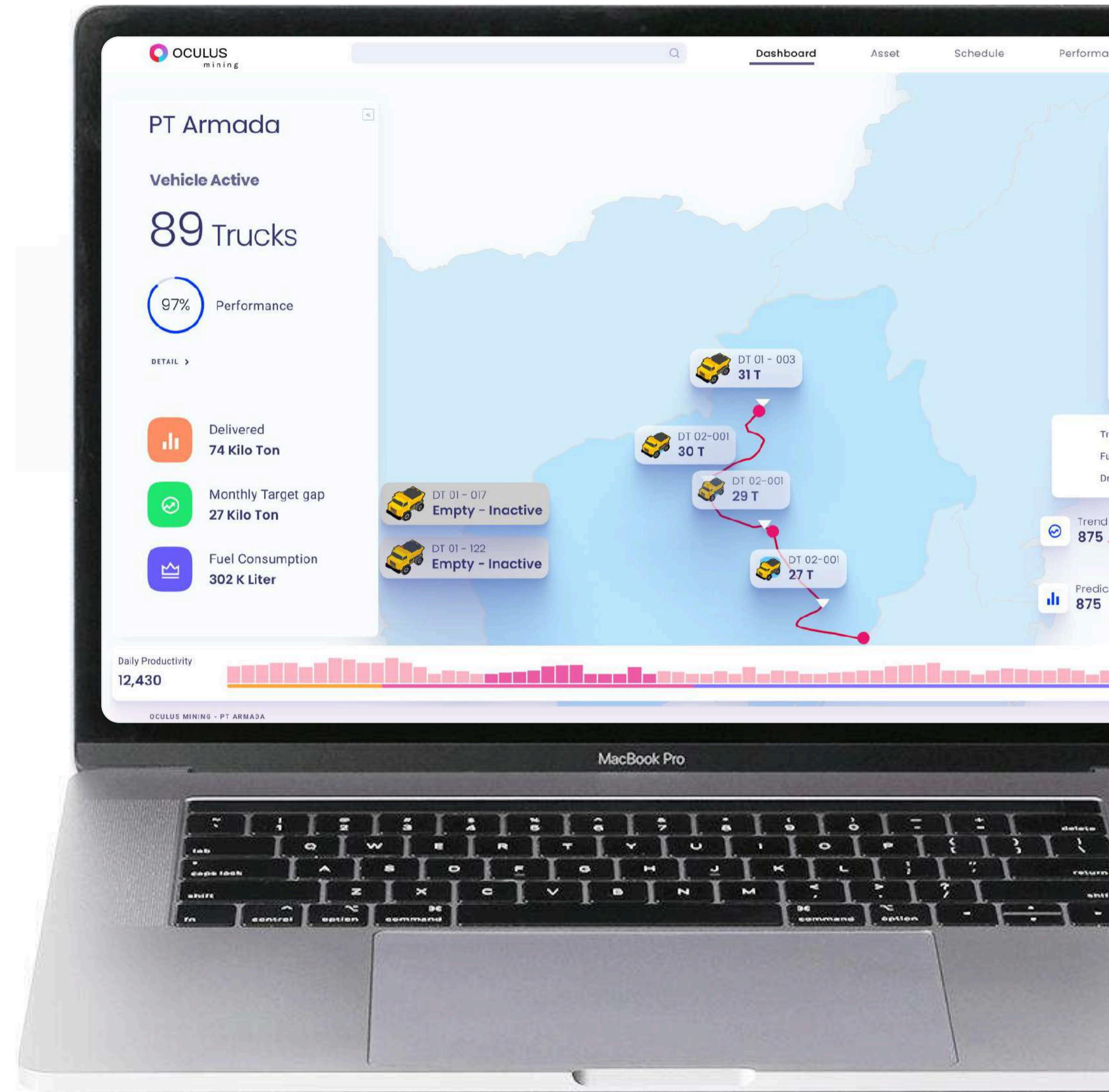
Kami juga tengah mengembangkan **Artificial Intelligence** untuk mendukung digitalisasi dalam industri, smart city, lalu lintas, hingga penanggulangan bencana.

### Remote Sensing & IOT

- CCTV and command center
- Fleet management system
- Dispatching system
- HSE wearable devices
- Sensors & IOTs

### Apps & Data Infrastructure

- Mining Information System
- Operational Tech (OT) applications for mining
- AI Video Analytics



## SOLUTIONS > MINING

Transformasi digital dalam pertambangan memerlukan dukungan solusi teknologi yang tepat mulai dari hardware maupun software yang terintegrasi dalam Operational Technology (OT) yang lengkap.

### MINING NETWORK & IT INFRASTRUCTURE

LAN/WAN mining area network infrastructure to support OT, surveillance, fleet and asset management, Personnel field communication, HSE

### OCULUS MINING INFORMATION SYSTEM

Total mining information system to monitor productivity, cost, personnel, since production pit, hauling, and port.

Modular application specifically built to digitally transform mining process

AI for productivity analysis and HSE

Fleet Management System

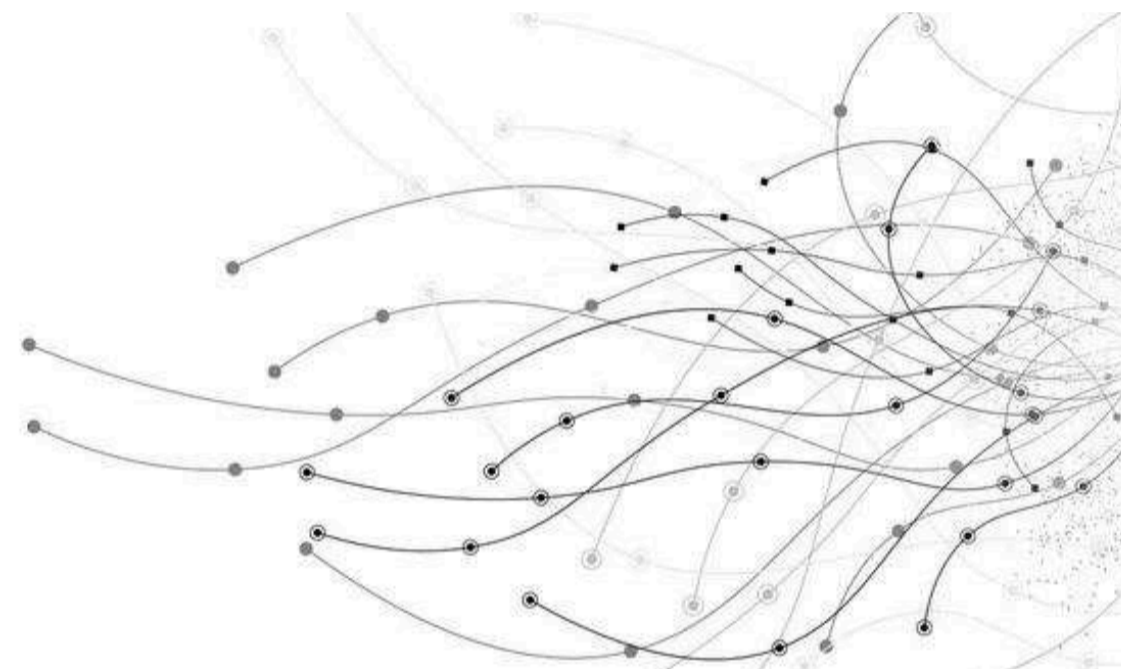
Maritime Fleet Management System



# SOLUTIONS > MINING

Transformasi digital dalam pertambangan memerlukan dukungan solusi

## MINING NETWORK & IT INFRASTRUCTURE



### FIBER OPTICS

Internet Backbone  
Inter-Island connectivity  
METRO-Ethernet

LAN - WAN



### RADIO LINKS

Radio MW Lastmile connectivity  
Licensed / Unlicensed Band 5-23GHz  
Moble/Fixed Towers, base station,  
repeaters,



### SATELLITES

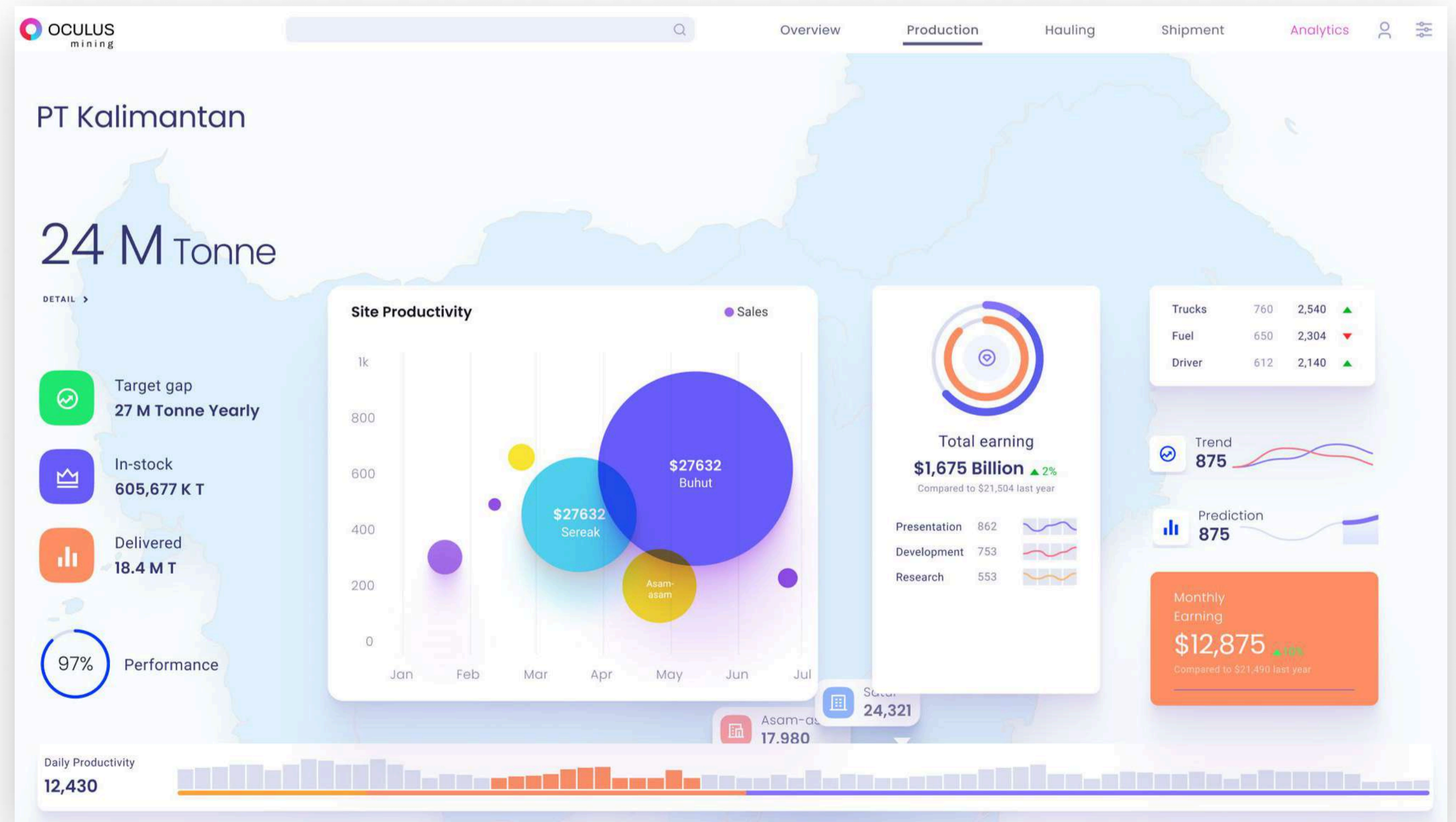
Remote area and offshore  
connectivity  
using Starlink Satellite  
constellation ([starlink.com](https://starlink.com))  
Serving internet and L2/MetroE  
connection



# SOLUTIONS > MINING

Transformasi digital dalam pertambangan memerlukan dukungan solusi

## OCULUS MINING



## PROJECTS > MINING

Proyek kami tersebar dari Kalimantan Selatan, Tengah, hingga Kalimantan Timur dengan customer PAMA, Kalimantan Prima Persada, United Tractor, hingga Borneo Indo Bara dan berbagai perusahaan pertambangan lain.

Kebutuhan yang kami layani diantaranya penyediaan akses internet, maintenance, software Mining Information System, Power & Electricals, serta LAN/WAN/Enterprise Private Network.

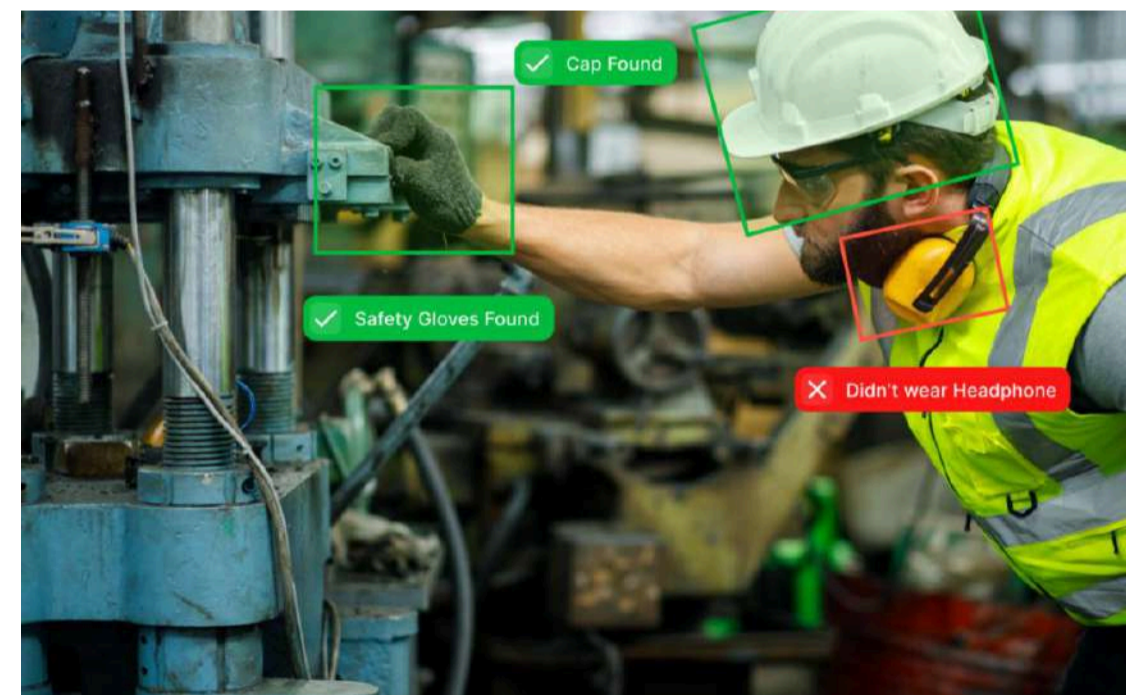


## PROJECTS > MINING AI

Melalui divisi Software, NBID terus mengembangkan berbagai aplikasi yang mendukung Operasional IT dan OT dalam industri pertambangan,

Saat ini kami telah mengembangkan Remote Surveillance berbasis AI Analytics yang dapat membantu menganalisa produktivitas, efisiensi keamanan, serta hal-hal terkait HSE.

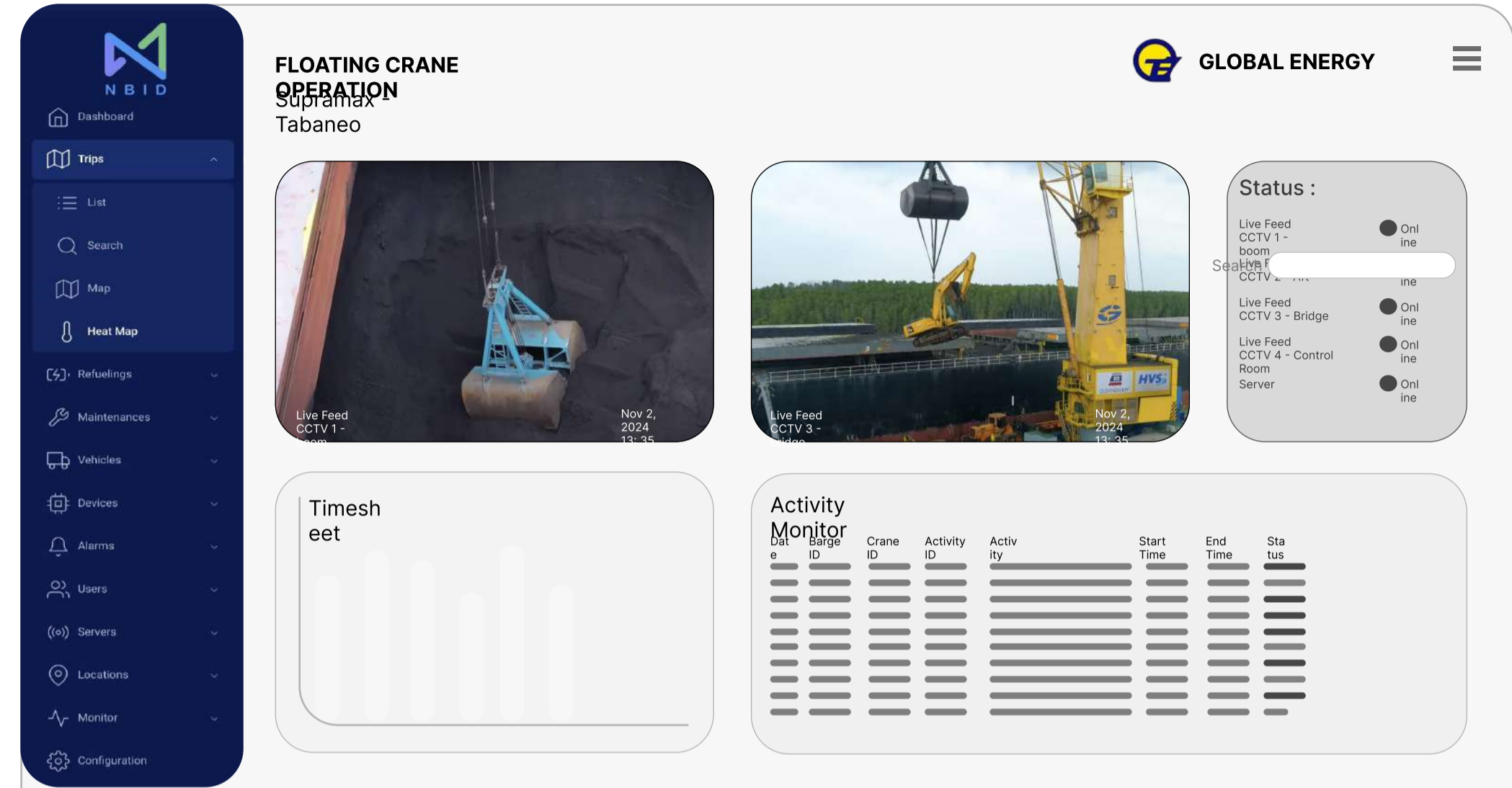
### Object Measurement



Merupakan kemampuan pengenalan object dan memberikan penilaian atas object tersebut.

Berfungsi mendeteksi dan melacak objek seperti alat berat, boom, load cables, bucket, atau Personel dan Alat Perlindungan yang diharuskan

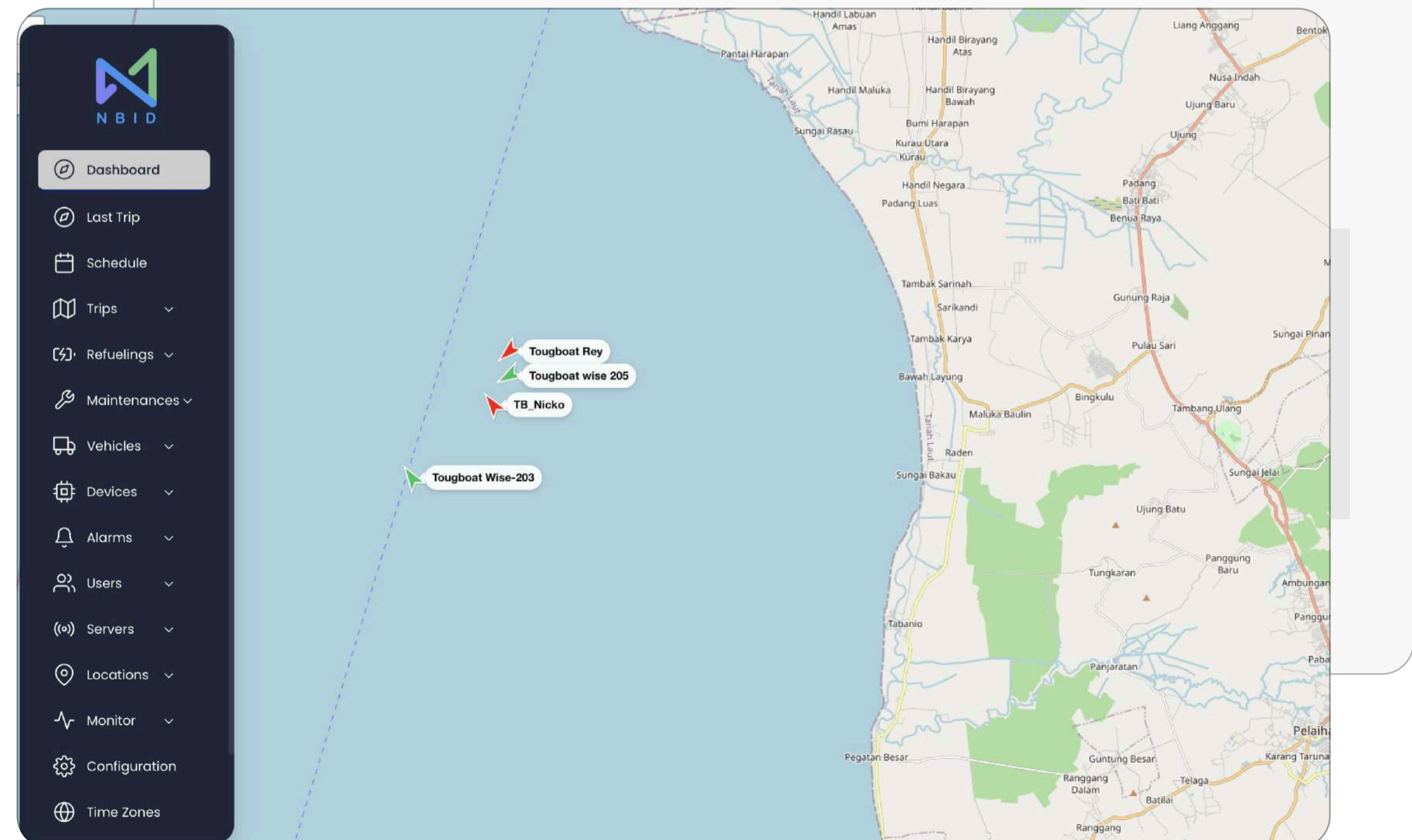
- Cycle Time setiap activity Transhipment
- Mengukur sudut arm crane
- Merekam video selama 1 bulan
- Mendeteksi objek (Alat berat, bucket, arm )
- APD, Restricted Area, Unsafe Behaviour



## Dashboard & Command Center

Sebagai pusat operasi, suatu command center harus memiliki visibilitas total terhadap semua unit alat berat, mesin, crane, boom, personel, dan semua peralatan lain yang terlibat.

Untuk itu Oculus menyediakan dashboard yang fully customizable yang dapat menampilkan semua parameter tersebut, mengirim dan menerima pesan notifikasi, serta terutama memonitor aktivitas dan memungkinkan user membuat koreksi atau penanganan atas suatu aktivitas.



### **PAMA**

Mining Site Internet  
Communication tower,  
grounding system, intranet network,

### **KALIMANTAN PRIMA PERSADA**

Internet for mining sites,  
L2VPN HO - Site,  
Tower build & maintenance,  
IT support  
IMIS / OCULUS SYSTEM  
RADIO VHF / UHF OPERATION AND  
MAINTENANCE - INDE KALTIM

### **UNITED TRACTORS : 11 Sites**

Internet access,  
L2VPN HO - Site  
Starlink Internet Connection

### **TUAH TURANGGA RESOURCES**

Corporate Internet Access

### **BORNEO INDO BARA**

Licensed Band Microwave ( 6 hops )  
Radio Network Improvement

### **MHA MUTU**

Corporate Internet access,  
Tower maintenance

### **BINA PERTIWI : 10 Sites**

Internet Access using Starlink for 10 remote sites

### **ASMIN BARA BRONANG**

Corporate internet access

### **WEDA BAY NICKEL**

Corporate internet access (Starlink)

### **BDA - Harum Resources**

Corporate internet access  
PORT - MINING - OFFICE

### **PATRIA MARINE LINES**

Starlink Internet Connection  
for offshore Floating Crane

### **GTEI & WYIS**

CCTV Remote Surveillance for 26  
Tugboats + 4 Floating Cranes  
AI Visual Analytics for Maritime Fleet  
Operations

### **AIM**

CCTV Surveillance  
Video Analytics for Floating Crane  
Productivity

### **PATRIA MARINE LINES**

Maritime Internet Connectivity

## SOLUTIONS > TELECOMMUNICATION

Solusi kami di Telekomunikasi meliputi layanan internet berbasis fiber optik, jasa telekomunikasi termasuk survey, planning, implementasi, hingga optimisasi RF, serta teknologi remote surveillance dan monitoring radio base station bagi operator seluler atau penyedia tower.

### TELECOM SERVICES

Survey, design, implementation of cellular network equipment

Monitoring system for BTS site for Power, Fuel, Environment, Access Control

### FTTH INTERNET

20-100 Mbps Fiber to the home internet services

- Jakarta & Bekasi
- Kabupaten Rantau
- Next : Banjarmasin, Banjarbaru

## PROJECTS > TELCO

Kami memiliki perhatian khusus dalam hal pemerataan konektivitas internet terutama di area yang belum terjangkau layanan seluler,

saat ini terdapat beberapa klien yang berupa Instansi pemerintahan, Kantor Desa, dan Kecamatan yang mempercayakan akses internetnya kepada kami, serta layanan pengadaan jaringan dan pemeliharannya.

Kami melayani internet dari Pedalaman Kalimantan, kepulauan di Sulawesi Selatan hingga distrik-distrik terjauh di Papua Pegunungan



## **BAKTI KEMENKOMINFO**

BUMDES - ISP Partnership

NMS for BAKTI's BUMDES - ISP, monitoring traffic, availability, faults, and business process information system

## **PALAPA RING TIMUR**

Survey, design, and implementation

Optical Network Outside Plant (OSP)

Towers and radio microwave

Logistics

## **ZTE INDONESIA**

Installation & Dismantle

radio microwave area Jakarta, Bekasi, Cikarang, Karawang

## **Diskominfo Kab Samosir**

Consultation of Optical Network, design and budgeting

## **Diskominfo Prov Papua Pegunungan**

IT Consultation of Design and Implementation

Network Management Service

Web server maintenance

Fiber Optik Inner City Wamena

## **Dinkes Kab Pegunungan Arfak - Papua Barat**

Starlink Internet Connection

## **OBRIGADO & HUMANET FIBER TO THE HOME**

Partnership in building FTTH internet service in Pesanggrahan - Jakarta and Bekasi

## PARTNERS





Nathabuana Indonesia company profile

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