# WIDYA INOVASI INDONESIA

widya

# COMPANY
Profile

**Delivering Future
to Present.**

# Delivering Future to Present.

————————

# widya

**Delivering Future to Present**

## About

**Founded** in principle of helping and making life easier, Widya Indonesia is an Information and Technology company with a strong focus on **delivering the future technology to present** through research and development.

Established in **2018**, we have strong commitment to never stop making new innovations.

We offer a line-up of ground breaking technology products and services so we could maintain our **customer's satisfaction**.

# widya TRACKER

## Advance Your Fleet Management

**Widya Tracker** is a system to **manage and monitor** fleet vehicles, such as cars, trucks, box cars, trailers, containers, tractors and other vehicles. **An easy way to track and manage** fleet vehicles including location, driver information/behavior, vehicle diagnostics and maintenance records.

We provide Integrated Solutions through **WidyaTracker.**

## Widya Tracker
Features

**1 Tracker Device**

- Hardware Device
- Cellular Network
- GPS Tracking
- TCP Protocol

**2 Driver Behaviour & Safety Management Device**

- Eagle Eye T
- BOX-Advanced Driving Assistant System
- Driver Status Monitor

**3 Geo Fence**

- Draw Boundaries
- Area Restriction
- Auto shutdown

**4 Report**

- Vehicle Log Data
- Tracking Route
- Total Price

**5 Web Based**

- Real Time Tracking
- Rental and Driver Management
- Vehicle Information and Monitoring
- Notification alert

# Fleet Tracking Benefits

Your business can improve profit, enhance customer satisfaction, be compliant with regulations and promote fleet safety.

### Increase Revenue And Reduce Costs
- Complete more job with smart routing and job dispatch
- Cut fuel spend by reducing unnecessary mileage and improving driver behavior
- Productivity reporting to maximize fleet capacity





### Increase Customer Satisfaction
- Instantly respond to customer requests with an exact location of drivers and vehicles
- Ensure driver productivity with two-way messaging by communicating in real-time
- Get more trips per vehicle and faster service by optimizing routing with daily vehicle usage
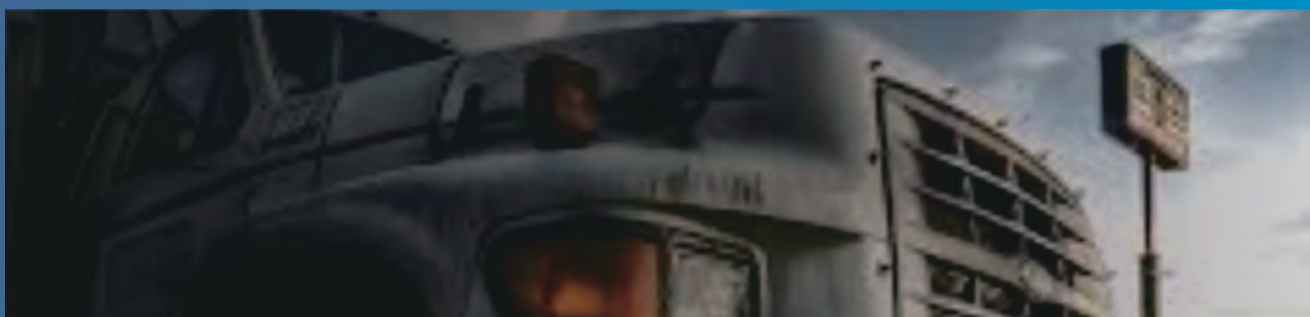
### Assure Regulatory Compliance
- Improve your CSA score (to identify high-risk motor carriers and drivers) by tracking criteria, such as vehicle maintenance and driver behavior
- Electronic logging for drivers meets standart safety requirements, reduces administrative





### Promote Fleet Safety
- Reduce accidents and traffic violations by recognizing unsafe driver behavior with performance data
- Identify a personalized training program for each driver by utilizing driver scorecards
- Real-time alerts for drivers, to assist them in driving safely

## Agricultural Industry

## Construction Industry
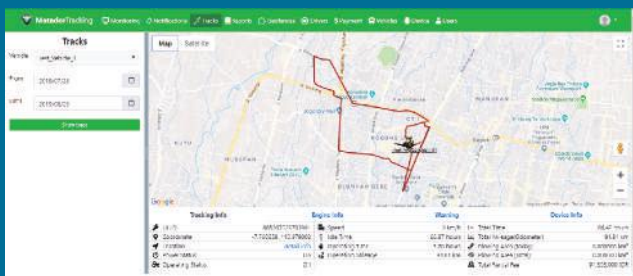
## Fast Moving Consumer Goods (FMCG) industry

## Oil and Gas Industry

## Transport and Distribution Industry

# Reporting and Analytics

Widya Tracker can be monitored from websites and applications with an easy to understand display. Users can monitor their vehicles in realtime.

# Widya Batching Plant Management

**Widya Batching Plant Management** is a material management system in a batching plant from upstream to downstream. The amount of material enters the batching plant area, stock material data, and used material data can be **monitored in real-time** on an integrated website.

## Features

### Recognitions
- Truck ID Recognitions
- Stock Pile Recognitions
- Material Provider ID ( Beacon )

### Data Analytics
- Material Flow
- Fraud Detections
- HSE History Audit

### Integrations
- Truck weight scale
- Batching plant engine (i matrix) platform

# We provide Integrated Solutions through **Widya Batching Plant Management.**



## Benefit

Your business can improve profit, enhance customer satisfaction, be compliant with regulations and promote fleet safety.

### Minimize Fraud and Errors

- Minimize the possibility of trucks being weighed many times on the arrival of material
- Minimize the possibility of errors in the pouring material that comes into a pile of material stock
- Minimize possible errors in the delivery process of batching plant output products



### Real-time Monitoring of Material Amounts

- Recording of vendors, types and amounts of material that come in allows audits of material vendors if fraud is detected
- Monitoring material stock in realtime with the camera, so that any changes that occur can be known directly
- Monitoring the amount of material used, product yield and consumers who receive the product
- Get more trips per vehicle and faster service by optimizing routing with daily vehicle usage reports

## Material Management Efficiency

- Material data is integrated and can be monitored in realtime on one website
- Recording and timestamp integration in each part of the material flow, thus minimizing any delays or buildup in one section.

# Solution
## Batching Plant Management

### Material Arrival
Recording types, quantities and data about material vendors accompanied by timestamps and photos of material can minimize fraud

### Material Stock
Monitoring the amount of material stored to ensure the availability of concrete-making materials and minimize any material pouring errors
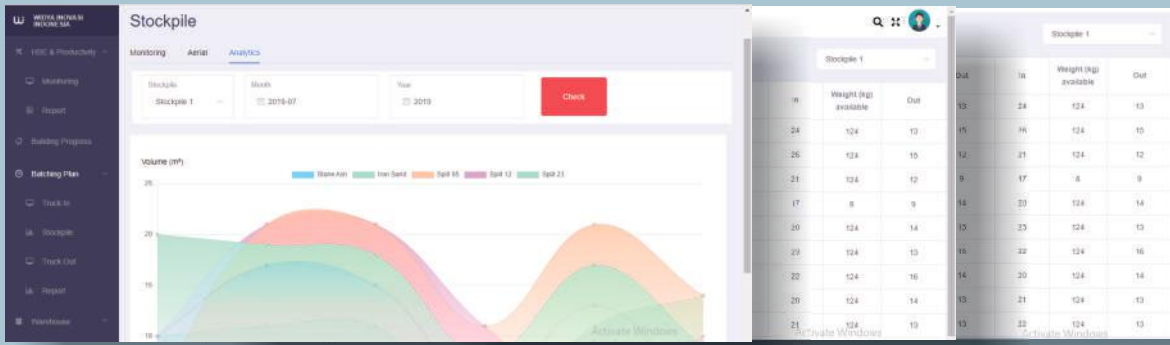
### Used Material
Integration of the system with embedded batching plant software enables monitoring of the use of materials, product results and truck data that is delivered to customers

# Reporting and Analytics



Material data entered, material stock and use of materials **integrated on one website** can be **analyzed** for suitability to support audits and detect errors, fraud and efficiency of **batching plants**.

Error Analytics    Fraud Analytics

Real-time Monitoring

Cloud

I-Matrix

Working Cycle    Material Usage

Company ID

Truck ID

Weigh, QR Code, Bluetooth

Truck

Batching Plant

Volume

Volume Monitoring

Weighbridge

Stockpile

Company ID    License Plate    Timestamp

A  66  UL

Truck ID    Material Weight

KG

# Widya HSE Monitoring
## for **Contructions.**



**Widya HSE** (Healthy, Safety and Environment) **monitoring** is a surveillance platform for monitoring **construction workers**. This platform can **detect** the worker **Personal Protective Equipment** (helmet and vest).

## Widya HSE
Features

**Recognitions**
- Worker type recognitions
- PPE recognitions

**Data Analytics**
- Violation Warning
- HSE Rating
- HSE History Audit

**Web Aplications**
- Realtime Monitoring
- Realtime Notifications
- Camera Management

# Reporting and Analytics



# Benefit

## Real-time Monitoring of PPE Completenesse

- Monitor the complete use of worker's helmets and vests in realtime on an integrated website.

- HSE supervisors do not need to monitor the field directly all the time



## PPE Compliance Analysis

- Recording the types of violations and the number of violators so the datas will support the analysis and auditing of the level of compliance of the use of PPE on a project

## Minimize The Risk of Accidents

- Detect violations and notify along with photos of violators.

- As evidence of insurance claims in occurence of accidentt

## Applications



Agricultural Industry



Construction Industry



Mining Industry



Petroleum Industry

# WIDYA ASSESSMENT

## Powering Your Assessment System

Widya Assessment has developed assessments which are powered by large predictive data sets to optimize the prediction of assessments with a hierarchy of specialized algorithms.

We provide Integrated Solutions through **Widya Assessment.**

### WIDYA ASSESSMENT Features

**1 Online Interview**

- Psychogram Analysis

- Suggestion

**2 Recognitions**

- Emotions Recognition

- Gesture Recognition

- Voice Recognition

**3 Online Test**

- Test Analysis

**4 Socmed Analytic**

- Data

- Sentiment

- Characteristics

## Benefit

**Reduce Bias**
- Regional Backgroudn
- Racial and Religion Backgroud

**Objective**
- Assessment Based on AI
- Based on Existing Data

**Efficient**
- Time Efficient
- Faster Recruitment and Assessment Process

## Applications

**Recruitment Process**

**Recruitment Company**

**Analytics Company**

## Reporting and Analytics

Users will create an account on our website and conduct the interview. The data analysis, the report, and the recommendation will be presented in amazing statistics. It also can be downloaded by the user so they can evaluate more about their strengths and weaknesses.

A humanoid robot that will be performed as a personal assistant. Widya Robot will be able to show its facial expression, sustain eye contact, recognize individuals, read emotion and assess human personalities.

**WIDYA ROBOT**
Features

**1 Video Recognitions**
- Expressions Recognition
- Gestures Recognition

**2 Sound Recognitions**
- Emotions Recognition
- Voice Comand

**3 Vision Robot**
- Tracking
- Human Detections

**4 Apps Features**
- Ecommerce
- Search
- Music

**5 Motions Robot**
- Interactions

## Benefit

**Recognitions**
- Audio & Visual Recognitions

**Apps Integrations**
- All Features Connected With the Apps

**Data Analytics**
- User Habit Analytics

## Applications

**Personal Assistant**

**Airport**

**Train Stations**

**Mall**

# WIDYA HEALTH
## Easy Health Check for Everyone

**Widya Health** is product of Widya Inovasi Indonesia that is use for health chek up independently. We provide health check system for everyone, anytime trough **Widya Health**.

## Features

**1 Smart Scale**

- Measure Body Weight

- Measure Body Fat Composition

- Calculate Body Mass Index

**2 Pulse Oxymetri**

- Measure Heart Rate Continously

- Measure SpO2 Level Continously

**3 Tensi Meter**

- Measure Blood Pressure

**4 Blood Check**

- Measure Blood Glucose Level

- Measure Blood Hemoglobin Level

- Measure Blood Colesterol Level

**5 Camera**

- Measure Body Heigt

- Measure Stomach Diameter

**6 Infrared Thermometer**

- Measure Body Temperature

Building innovative healthcare solutions

Bringing cost effective virtual healthcare services to the rural doorstep

Strategic alliances for telemedicine and e-health services

Business development for Health Care providers, Medical Tourism companies, etc.
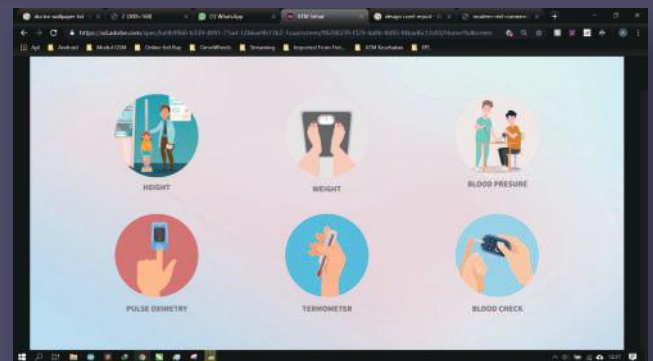
**Applications**



Office



Clinik



Pharmacy





# Our Gallery

**Widya Wicara** is a smart wireless speaker that is equipped with AI (artificial intelligence). Widya Wicara can be used for making commands by converting your voice using Bahasa (Indonesian). It can play music and become a personal **assistant** who helps creating reminders, shopping lists, or answering questions.

## Widya Wicara Wow

It comes with a small-handy-round-shaped that is easily carried anywhere. It can be connected to a TV or monitor that has infrared frequency.

## Widya Wicara Prima

It comes with all Widya Wicara basic features and equipped with additional features that can store and play music offline and enter data via a USB cable.

# Benefit

- Online Shoping
- Playing Music
- Searching & News
- Recording and Send Messages
- Answering Question

# Applications



### Management Database



**All Indonesian**
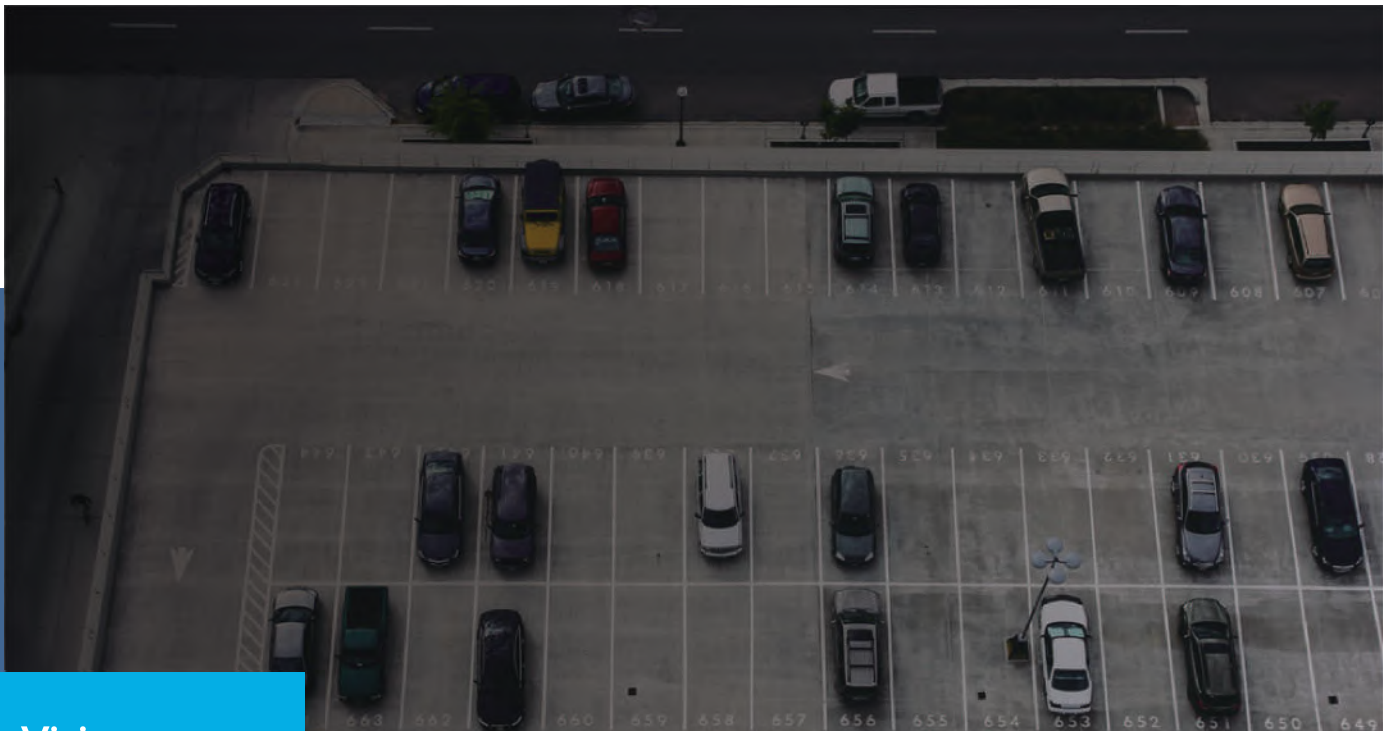


**Students**



**Household**

# Widya **Vision**

A smart camera **analytics technology** with intelligent motion detection, facial recognition, human/vehicle detection and data analytics using **CCTV camera**.

Widya **Vision**
Features

1 **Data analysis based on Deep Learning technology**
2 **Multi-function mono camera**
3 **Multi-object monitoring**
4 **Run directly or on the Cloud platform**
5 **Easy integration with existing camera system**



Widya **Vision**
Benefit

## Facial Recognition
- Counting Employee
- Attendance System Management
- Identification ofEmployees Emotions
- Identification of Stranger

## Smart Parking System
- Vehicles Counting
- VehiclesMaping
- Parking Lot Availability
- Parking ManagementSystem
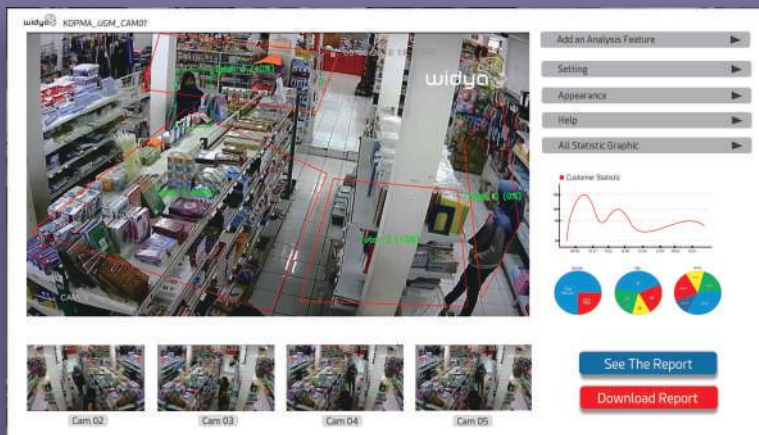- Anticipating Parking Fraud
- Identification Vehicles Type

## Smart Store Analytics
- Recording visitor faces
- Visitor counter
- Detecting visitor movement and behavior
- Product ranking
- Analyzing visitor hotspot

## Smart Traffic Analytics
- Detecting and recognizing vehicle types
- Detecting and recognizing safety helmet
- Supporting E-Tilang program
- Detecting trafffic congestion
- Identifying vehicle speed
- Parking system management
- Detecting and recognizing traffic violations
- Detecting falling objects on the road
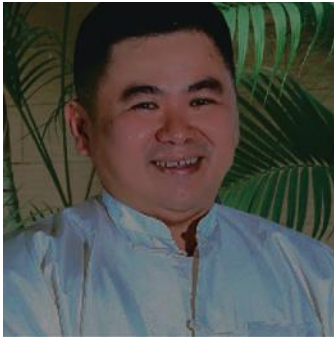- Recognizing and notifying accidents
- Vehicle counter

# Reporting and Analytics

CCTV video data will be processed using a high specification computer (GPU) to get detailed analysis results. Reports will be displayed on the Widya Smart Vision dashboard.
Reports can also be downloaded or printed out so users have physical data. Smart Vision is very useful for analyzing objects so that data can decide what strategies will be made later.

# Our Team

**Kiwi Aliwarga ( Mentor )**
known as the founder and executive chairman of UMG Group of Companies, one of the leading company in Myanmar with over 5000 employees and the largest manufacturer of heavy. machineries, and distributor of industrial systems, logistics, vehicles, and constructions with over 50 branches throughout Myanmar, Sri Lanka, Cambodia, Vietnam, Thailand, Singapore, and Indonesia.

**Alwy Herfian Satriatama (CEO)**
Graduated from Universitas Gadjah Mada and MIT Bootcamp DeepTech shortcourse alumni. Alwy begqan his start up journey since he was in college. He often invinted as an inspiring speaker in a lot of events.  He also won national and international entrepreneurship competitions.

## PARTNERS: