MERAQUE

Corporate Profile

Meraque Services Sdn Bhd

About Us

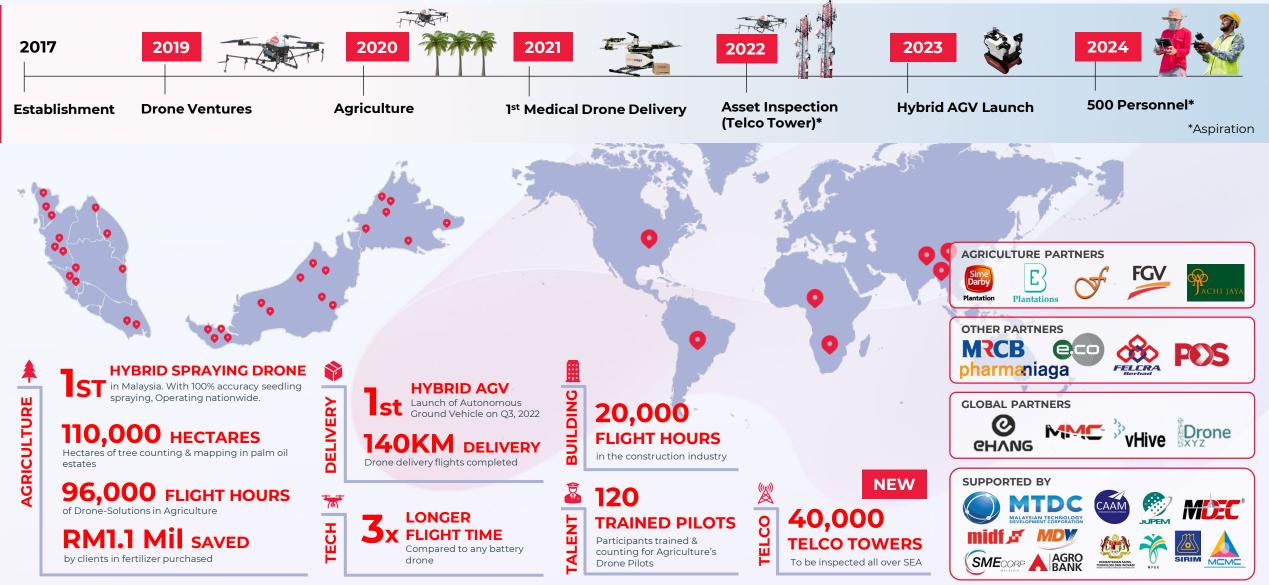
Meraque is the leading provider of game-changing solution for the operation and maintenance of critical capital assets using drone-powered solutions

> Our proprietary solutions enable our clients to unlock immense saving and reimagine their business operation and performance

OUR TRACTION

Since the establishment of MERAQUE in 2017, approximately 120,000 flight hours has been clocked to date





Global Ranking & Recognition

Meraque is one of the leading drone service providers in the world with recognition locally and internationally



MERAQUE

Company	Country	(1%)	20%	40%	60%	80%	100%	∆2020
1 Aerodyne Group	30					- 14		+1
2 Terra Drone Group						(j) Turnhore		-1
3 Cyberhawk					P : 18	ERHAWK		
4 Delta Drone International	1 11							new
5 SkySkopes								+1
6 Aethon Aerial Solutions	+		3	ARTHRN				+15
7 Sensyn Robotics			4	SENSYN				42
8 Aeromedia U.A.V.	161		- ×	▲ AEROM	EDIA			new
9 Nordic Unmanned			1					+5
10 Altametris			A	LTAMETR				+8
11 Team UAV			28	and and a				-3
2 Skylark Drones	8		54					-8
13 Sky-Futures			50					-6
14 Avitas Systems			幕	Avitas Systems				-2
15 AUAV	1 11		a					-1
16 Above Surveying				above				-6
17 Firmalek			ØF	IRMATE	C			-6
18 Canard Drones	6		10					+13

Add 2001, basis of assessment. The revising is based on the Montep indicators. Size of company, development of company, market in the second or the Montep indicators. Size of company, development of company, market indicators in the second of the second of the higher and company in each development, meaning of 100%, while all other down companies receiving a Newsy parameters in News and the Newsy and the

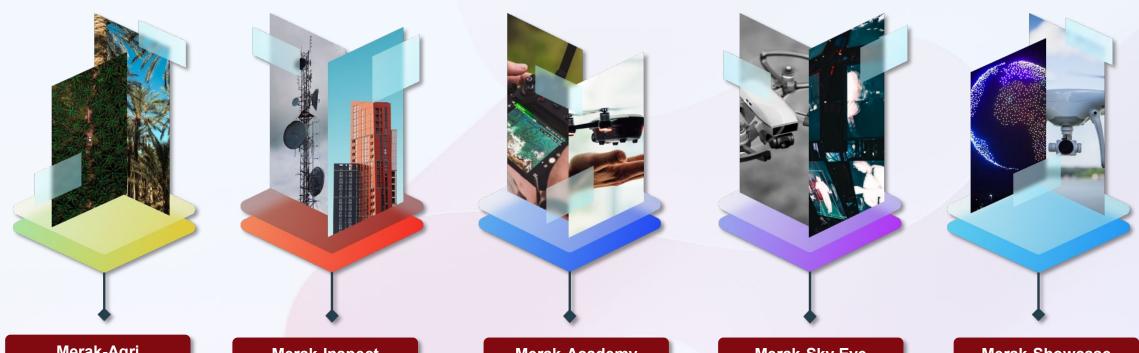
29

ble 2: Top 1-20 Rendle Serving Drone Service Provide

Change to last year's ranking

Creating value from drone technology and powerful software solution





Merak-Agri

Equipping modern farmers with limitless data and automation tool to reimagine farming for various crops - palm, coconut, corn, etc

Merak-Inspect

Al-based inspection of capital assets including telco towers, bridges, roads, solar panel, buildings, etc

Merak-Academy

Our R&D and training arm continuously producing talents and new technology for the industry

Merak-Sky Eye

Advanced field-proven solutions for asset security & surveillance

Merak-Showcase

Custom built and fitted drone fleet with intelligent control systems, adding flairs to any event.

Why Meraque?

MERAQUE

MERAQUE anchors our vision through these four commitments

02



NURTURING TALENTS, HUMAN CAPITAL

Our combined experiences of over 50 years, a thorough understanding of the technologies that are relevant to today's technology-driven industry and our commitment to mentoring and grooming top talent are recipes for our success

ADVOCATE TECHNOVATION

We look at technology as a driver of success while our people and culture fuel our innovation.

GLOBAL BEST PRACTICES, ALWAYS

03

Benchmarking your business to global standards and practices

LONG-TERM VALUE CREATION

04

Creating value with your future in mind, always.

Data Science & Analytics | Augmented Reality (AR) | Artificial Intelligence (AI) | Robotic Process Automation (RPA) | App Development | Cyber Security | Internet of Things (IOT) | Machine Learning | Big Data | Agile Methodology | Smart Sensors | Blockchain | UI/UX

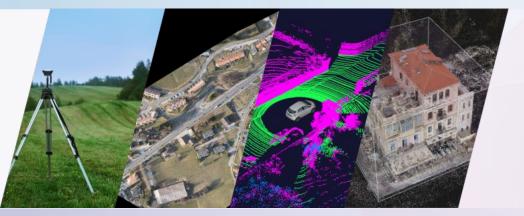


WHY MERAQUE? Our Technology Stacks

DATA ACQUISITION

Our solutions provide high quality data acquisition. Our systems are highly accurate and limit errors, which creates value for customers through more actionable data. AGV (In House RND) Hybrid Drone (In House RND) Drone Swarming Drone Delivery Cameras LiDAR Unmanned Drone GPS Laser Phone Satellite Boat UAV





ANALYSIS

Our software and services make data analysis a core part of your business. We help you turn insights into decisions at a speed never before possible.

PASS (In House Dev) Slope Analysis Road Analysis Bridge Analysis

Bridge Analysis Tree Counter (AI) Anomalies Detection (AI) Milestone Report Geospatial Data Flood Analysis Asset Categorization Big Data

Visual Imagery Thermal Imagery 3D Augmented Reality 2D Orthomosaic Digital Surface Model Digital Terrain Model Topography Map 3D Reality Mesh 3D Point Cloud Digitalization

DATA PROCESSING

We analyze your data, looking for trends and patterns. We glean actionable results from the big data you have collected, so you can see what's been happening inside your business.





Our Technology Stacks

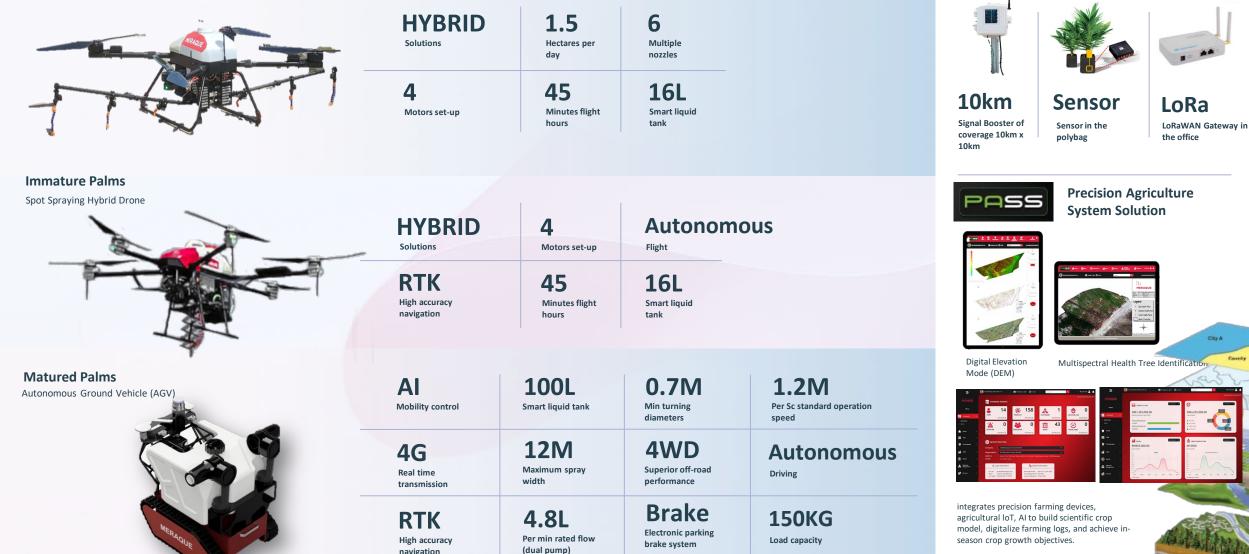




WHY MERAQUE? **Our Technology Stacks**

Replanting & Nursery

Spraying Hybrid Drone



navigation

IoT Smart Sensor

City A



WHAT WE DO **Merak-Inspect**

PROBLEMS



Rigid Execution

Rigid plan execution without possibility for last minute changes

Time Consuming Monitoring of building, telecommunication assets, powerline

consuming

and construction can be time

 $\mathbf{\Gamma}$



Accuracy

Accuracy are low and not real time.

rk, Bandar Utama, PJ, Malaysi

Coverage

Different parts of building or tower cannot be reach without sacrificing the time and energy

Reporting

GLOBAL GROWTH

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MARKET UPDATES

Documentation and reporting can be a

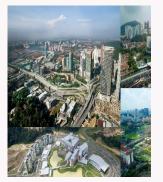
2020 mess during the inspection process 9.3 B 10.7B

MALAYSIA GOVERNMENT

(AAAAAA) 1,000,000 House

units to cater for homebuyers in the bottom 40% income bracket by the end of 2029

OUR SOLUTIONS



1st modular construction

Our drones provide aerial data of construction sites more efficiently than an army of surveyors. Efficient drone data delivers better plans, faster permits, less regulatory risk and more competitive bids. (1st modular construction)

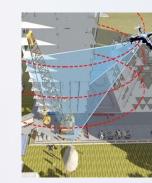


Drone Stringing

spaces and more.

Our Drone stringing capability temporarily What does 'off the shelf' mean for any creates an invisible barrier to off-limit indoor navigational product? It means areas while preventing unwanted drone that the solution should be flexible from entering or hovering above. Ideal for enough to work in many different hospitals, gov't facilities, construction environments without having to sites, privacy zones, sensitive private redesign or rebuild.

Indoor 360 view



AI + Auto Report

Drone solutions are the future of aerial imaging for business. Big data, analytics, AI auto reporting are all changing the way businesses think about drone use.



Digital Twin Capabilities

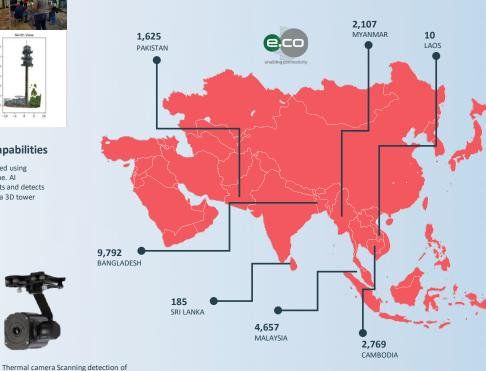
Digital twin are analyzed using

changes over time on a 3D tower

algorithm and AI engine. AI automatically highlights and detects



Towers are available for inspection and our priority is to expedite for



CLIENTS









200 meter distance



LiDAR camera 3D scanning &

modelling



object & Temperature/heat detection



WHAT WE DO Merak-Agri

PROBLEMS



Labors

High dependency of foreign labors

Tracebility Lack of visibility in the transfer of goods

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Low Productivity

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OPPSS

Data collection contributes into

nutrient contain for analysis.

information of result and measures of

Low crops growth due to imprecise spraying and slow rate of technology development and innovation



High Cost

Huge expenses in wages & production cost

MARKET UPDATES

EXPECTING TO GROW

150 BIL Global Palm oil Market 2025 25.8% World's Palm Oil Production

MALAYSIA ACCOUNTED FOR

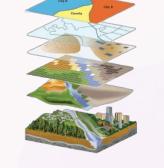
34.3% World's Palm Oil Exports

OUR SOLUTIONS



PASS

Performance Monitoring & Tracking with Dashboard, Digital Reporting & Analysis Result



Smart Tracker

certs

Proper data management & IOT technology is key to keep the flow of physical goods and sustainable pal oil



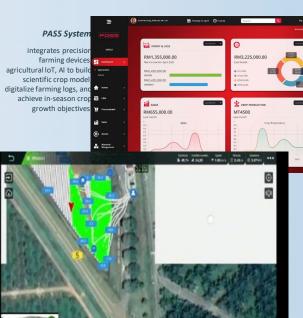
Digitised Precision Terracing

Performance Monitoring & Tracking with Dashboard, Digital Reporting & Analysis Result



Spraying Solution

Performance Monitoring & Tracking with Dashboard, Digital Reporting & Analysis Result



CLIENTS









Malaysia 1st Hybrid Spraying Drone







MERAQUE

WHAT WE DO **Merak Center Of Excellence**

ACADEMY





Training

The program teaches professional, licensed operations of UAS

UAS / Drones

















C

Training Drone

MQ600

Simulator



Skilled Youth

Creating a certified talent pool to use drones commercially

MCA-6 Fog

Spraying Drone

MCA-6 Standard

Liquid Spraying

Drone

A6 Plus





Enhancing employability talent pool to 10,000 job opportunity in Malaysia

Search light

MERAQUE Scheme for Rakyat (MESRA)

Support

Software / Application

Airwave



- Stitching / editing photography &
 - videography
- Programming
- 3D Modelling
- Cropping
- Mapping



RESEARCH CENTER



Hybrid Drone

It's the same size with everything that makes a drone fly, but flies like an airplane. It's lighter, smaller, more efficient and easier to transport. This is the next way to fly.





MARKET UPDATES

RISK OF UNEMPLOYEMENT

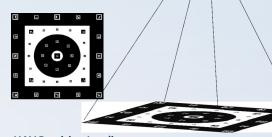
42% of Malaysian 's youth YOUTH IN UAS

9500 Registered members in Malaysia Drone Community



A specialized small autonomous ground vehicle capable for traversing over extr terrain and obstacles such as rocks, tr stumps, and mud.





UAV Precision Landing

UAV Precision Landing is the only precision landing software that allows you to easily program any drone for safe, automatic, or user controlled precision landings. It comes with advanced animations and configuration options so you can calibrate your drone for all types of landings.







20x zoom camera

Career

Accessories



Thermal camera Low light camera



WHAT WE DO Merak-Showcase

Delivery | Entertainment | Showcases

DELIVERY





Multiple UAS/Drones for deliveries Real-time monitoring and central management of all drones connected to the platform.

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Drone Delivery

Command Center

Takeoff & Landing Pads / Airports

Land application, design, construction, etc. of takeoff & landing pads/airports for drone delivery.



Airspace Approval & Regulation Pilot Project Consultancy

> Interpretation of existing laws/regulations. analysis of policy risks, legal compliance assurance

Sharing knowledge on R&D and drone delivery knowledge

International

Partnership



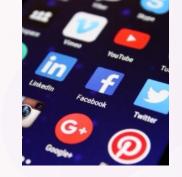
DRONE SHOWCASES



High Impact

CLIENTS

Achieve high PR value through mass media coverage



Go Viral

Viewers of the formation in the surrounding area will share it across social platforms (Est. 1mil views)



Apply for specialized

airspace/flight paths or pilot

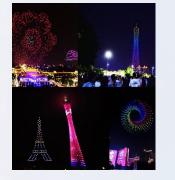
programs or drone delivery.

Trendsetter

Lay claim to be the first in the country to deploy this gimmick. This milestone carries its own weight.

M)

MITEC

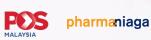


Branding

Position client to be innovative, revolutionary, vibrant and 'dare to be different'.



M&CSAATCHI











Merak-Sky Eye

PROBLEMS



Huge Area

Securing and safety activities effectiveness is often limited to the area size. Larger area will led to increased financial impact.

Criminal Activities

6

Your assets and areas are often a target for individuals with malicious intent to profit from your suffering.



Time Consuming

Covering a large scale area to for security and safety reason is a time consuming affairs that often makes it a challenge to work effectively.



UAS Intrusion

Today, sensitive areas need to be more vigilant than ever in the increasing usage of UAS as a criminal means.



High Manpower

Large scale area and assets undoubtedly requires a high manpower count to ensure maximum protection and effectiveness.



OUR SOLUTIONS



UAS at Port Area

- Central monitoring by the Command
 Contro Real time data transfe
- Centre Real time data transfer
 Access to hard-reach areas
- To perform an announcement via attached speaker



UAS inspection

 Automating facility inspections with UAS. It is a quick and cost effective inspection method.
 It enables acress to hard-to.

Delivery

 It enables access to hard-toreach areas by human



Security

- Physical guarding services
- Drone, CCTV monitoring & fencing
 Business continuity plan (BCP)
- Business continuity
 HSE management
- Emergency response plan (ERP)



CLIENTS







20x zoom camera

Megaphone

Thermal camera Lo

a Low light camera

MERAQUE SERVICES | INVESTMENT PITCH DECK | 2022

110,000

Hectares of tree counting &

mapping in palm oil estates



1st Hybrid Drone

With 3X longer flight time, 100%

Spraying

accuracy

Nursery spraying fo Malaysia

Nationwide

AGRICULTURE

96,000

Drone-based solutions

Flight hours in Agriculture

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OUR ACHIEVEMENTS MERAQUE has over 96,000 flight hours with over RM1.1 million savings recorded to date for the agriculture sector



RM1.1 MIL

& Counting Saving to

Clients of the Fertilizer

Purchased

D





DRONE DELIVERY



PHARMANIAGA CASE STUDY



Time saving for Pharmaniaga. Across the sea, saving **23 minutes travel time**

OUR ACHIEVEMENTS

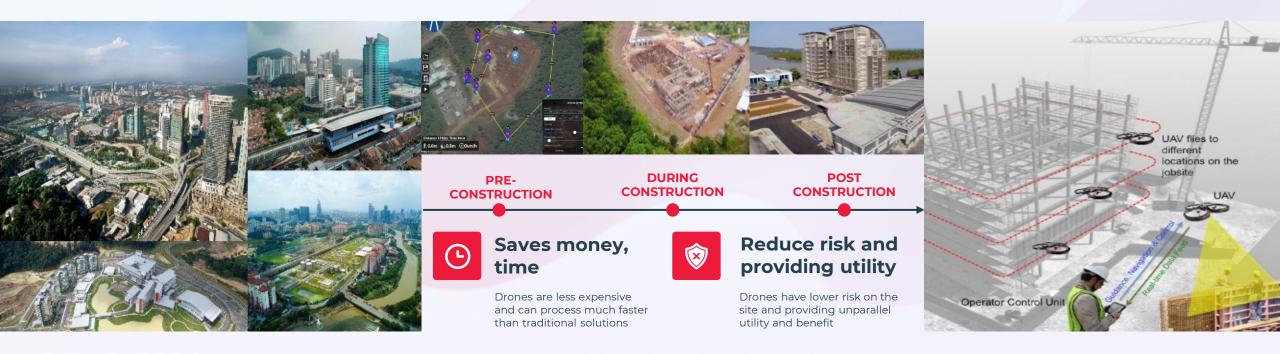
With MERAQUE, monitoring of construction projects progress would be seamless, saving time and money for construction companies



CONSTRUCTION

MCB

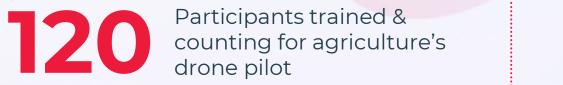
Progress video of 1st Modular Construction in Malaysia by MRCB



OUR ACHIEVEMENTS

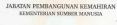
In MERAQUE, we believed that people is our greatest asset and hence, we invest heavily on grooming talents through our Center of Excellence

CENTER OF EXCELLENCE



Appointed Panel

MERAQUE is an appointed panel for Skill Development for Drone Management (Phase 2 & 3) under National Occupational Skills Standards (NOSS)





TAHAP TIGA Dengan ini adalah disahkan bahawa MOHAMAP RAZALI BIN ISMAIL







MERAQUE



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