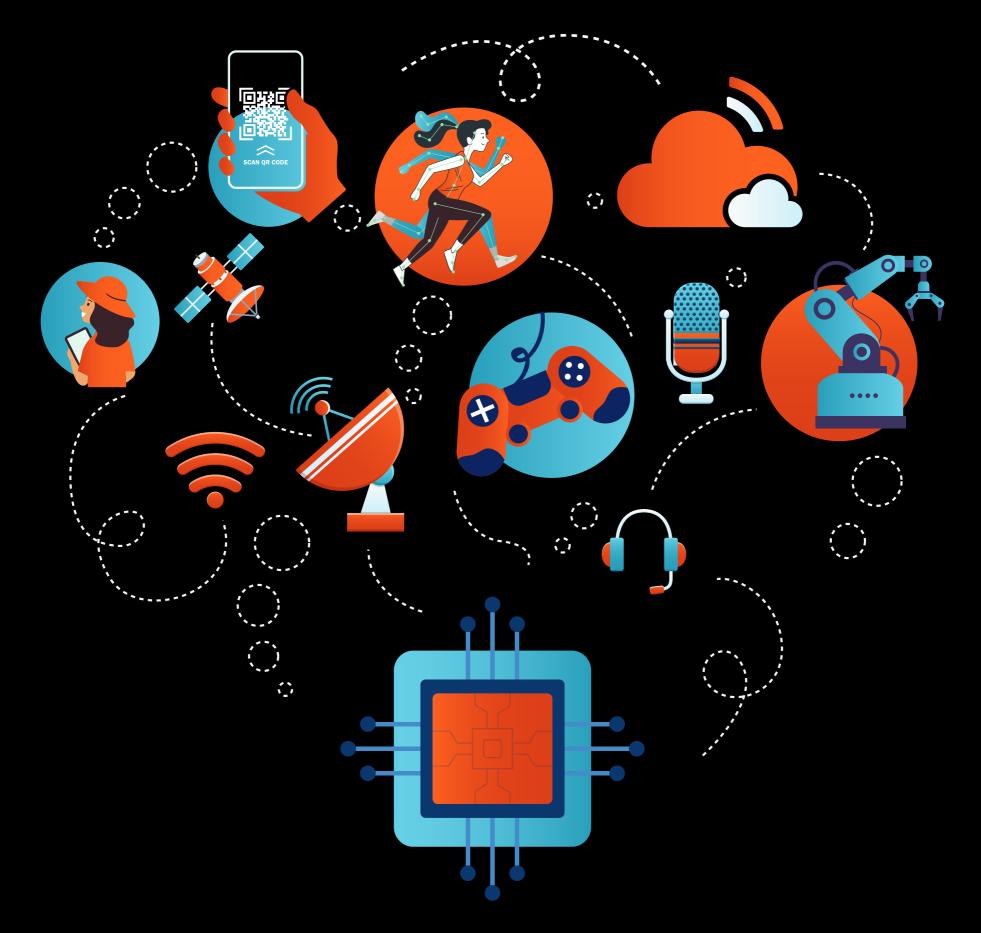
Exclusive From Malaysia



ADVANCING BEYOND BOUNDARIES

ISSUE #011





INFORMATION & COMMUNICATION TECHNOLOGIES

UNEARTHING THE WONDERS OF THE DIGITAL REALM



18th Malaysia International Halal Showcase

Hybrid Edition | 7-10 September 2022 | MITEC, KL



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On behalf of MATRADE's board of directors and staff, I would like to extend a warm welcome and greetings to our dear readers. As Malaysia's national trade promotion agency under the Ministry of International Trade & Industry, our aim is to connect Malaysian suppliers, manufacturers and service providers to international buyers who are sourcing products and services.

Distribution of the Exclusive From Malaysia (EFM) magazine serves this purpose and more. This issue, with a deep focus on digitalisation & ICT, is indeed timely as it accentuates not just the importance of digitalising business processes but also how technology has improved our lives and, to some extent, a lifeline as the COVID-19 has accelerated digital transformation.

Propelled by forward-thinking tech enablers, contactless solutions, automation and robotics were rolled out quickly and effectively. Also, strict adherence to SOPs has enabled us to deepen trust with our partners and subsequently fulfil business needs.

Our melange of homegrown companies have provided creative tools and smart 4IR solutions to improve efficiency, productivity and cost-effectiveness in various industries. Their products and services are export-ready, equipped with professional after-sales services and bolstered by our nation's strong global connectedness.

We welcome your support and engagement with our homegrown manufacturers and suppliers. Choose Malaysia as your preferred business partner and together, let us forge fruitful partnerships!

Tan Sri Dr Halim MohammadChairman of MATRADE

CEO'S NOTE



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Exclusive From Malaysia (EFM), is an initiative by the Malaysia External Trade Development Corporation (MATRADE) to introduce Malaysian companies to foreign importers. This e-magazine is a testament to MATRADE's dedication towards providing information on top-notch Malaysian products and services. The best that Malaysia has to offer.

The tagline, "Advancing Beyond Boundaries" reflects the zeal of Malaysian suppliers to transcend boundaries and their commitment to form a win-win partnership with potential clients.

As businesses continue to weather the economic impact of the COVID-19 pandemic, one thing is certain - the adoption of digitalisation is no longer optional. Our 20 robust companies in the Digitalisation & ICT sector are at the forefront of providing you with a range of smart creative solutions to address your pandemic woes.

Be it digital entertainment, smart automation, robotics and AI, or IoT and other 4IR technologies, these homegrown companies have built a strong rapport with the global business community and established a good track record.

We are confident this edition provides promising business opportunities, and we urge you to contact our globally competitive and renowned suppliers to elevate your business, going forward.

Mohd Mustafa Abdul Aziz

Chief Executive Officer



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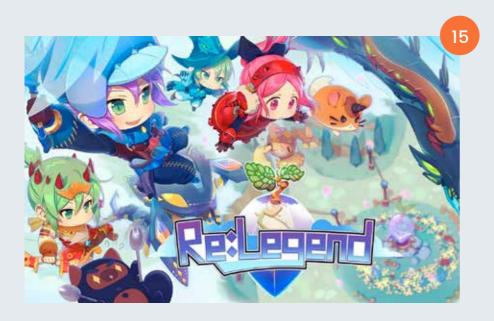
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DIGITALISATION is now the cornerstone of our economy and with the advent of the new normal, it is imperative that we familiarise ourselves with ICT to become enablers of the digital economy. Globally, the demand for digital content and services is ever-increasing, evident by Malaysia's growing export to markets such as the US, Singapore, United Kingdom, Hong Kong and China.

Recording exports of over USD74 billion, the ICT industry is one of the fastest-growing sectors in Malaysia. The industry comprises predominantly creative content (animation and games) and ICT services which include manufacturing, licensing, consultancy, telecommunication and leasing services of ICT equipment.

TAPPING INTO THE CREATIVE INDUSTRY

The digital creative content industry is a strategic and important economic sector to many countries, including Malaysia. This industry is a next-gen industry that includes creating creative content and visual effects (VFX) in multimedia platforms such as animations, movies and video games.

Malaysian companies have successfully positioned themselves and exported their creative content and games globally. Their various offerings include game development (publish & develop games) projects, outsourcing creative content for 3D animation & Computer-Generated Imagery (CGI), and creating digital content for media publishing houses.

ICT & INDUSTRY 4.0 SERVICES

The growth of the ICT sector is in line with the government's agenda on empowering the digital economy, which will support and strengthen the national economic growth under the 12th Malaysia Plan, 2021-2025.

Innovative and technology-driven companies particularly those specialising



in automation and robotic solutions, play a vital role in ensuring the Malaysian manufacturing industry is in sync with Industry 4.0. Digitalisation and technology adoption in the manufacturing sector will help companies to be more resilient and cost-effective.

As the key enabler of digitalisation, the adoption and use of ICT, and Artificial Intelligence (AI) aim to increase productivity, efficiency, transparency and security. Governments worldwide including Malaysia, have been proactively digitalising their public services to make them more transparent and efficient, being a continuous improvement for future generations.

Consumers are migrating to the digital realm, primarily through eCommerce and online banking for quick and convenient transactions. Some countries like the US, Finland, China, Sweden and Singapore have previously launched long-term strategies and initiatives to gain benefits of the digital economy. Malaysia has launched MyDIGITAL initiatives in 2021 to transform Malaysia into a digitally-driven, high-income nation and a regional leader in the digital economy.

Cybersecurity is critical in the digital transformation era. In this space, Malaysia

ranked among the best in ASEAN to provide cybersecurity-related services. In 2020, Malaysia was ranked 5th worldwide in the Global Cybersecurity Index by International Telecommunication Union (ITU).

Malaysia has a strong capability specialising in digital security as seen from increasing global footprints in countries such as Indonesia, Singapore, Vietnam and the Philippines. In addition, Malaysia has also strong capabilities in providing data system integration with the adoption of AI, IoT, big data analytics and cloud computing. This edition of EFM showcases some of Malaysia's reputable creative companies providing flood alert systems and climate solutions to smart farming, smart ID, and peer-to-peer car-sharing platforms.



Malaysian game development and animation studios are entertaining the world with engaging, award-winning content

ANIMASIA: DELIGHTING AUDIENCES WITH ANIMATION





Animasia Studio, a one-stop digital content producer, provides hours of captivating entertainment to audiences.

ESTABLISHED in 2005, Animasia Studio (Animasia) is a one-stop centre for digital content production which offers out-of-this-world creative animation using vibrant colours, fun characters and adventurous storylines. An MSC (Multimedia Super Corridor) status company, primarily based in Kuala Lumpur, Malaysia, with offices in Los Angeles, Animasia has more than ten original IP (Intellectual Property).

Their programmes can be seen on major international channels/platforms such as Netflix, Discovery Kids, Cartoon Network, Disney Channel, Disney XD, Nickelodeon, CCTV China, MBC Middle East, RTV Indonesia, MediaCorp Singapore, Astro-RTM-MediaPrima Malaysia and many more.

FULL RANGE OF SERVICES

Animasia offers services that cover the entire production pipeline from Pre-Production to Post Production and more, turning still life into animated content.

Pre-Production Services

- Story Treatment, Concept & Character Development
- Story Boarding & Animatics

Production Services

- Animation Trailers & Pilot Episode
- Full 2D & 3D Animation Production Capabilities
- **Animated Feature Film**
- Script Development

Post Services

- Compositing & Picture Edit
- Visual Effects (VFX)
- Sound Design

Other Services

- Game Design Support
- Theme Park & Large Screen **Displays Contents**
- **Program Distribution**
- Licensing & Merchandising

Some of their more famous animation series, which has gained several prestigious international awards and recognitions, are:

- Chuck Chicken (52 episodes X 22 minutes)
- Harry & Bunnie (78 episodes X 7 minutes)
- ABC Monsters (26 episodes X 22 minutes)
- Bola Kampung (78 episodes X 22 minutes)
- Supa Strikas (65 episodes X 22 minutes)
- Bola Kampung: The Movie (95 minutes Animated Film)

ANIMASIA'S ASPIRATIONS

The animation industry is continuously evolving, requiring Animasia to adapt to new technologies and services to ensure competitiveness quickly. It aspires to be a global animation production studio, with its own range of IP's, especially captivating children.

With over 20 years of experience in the entertainment industry, Animasia Los Angeles (LA) team members have worked on some of the biggest IPs over the years on almost every conceivable platform. Animasia LA aims to take this vast experience to create the next great content, execute the necessary narrative and commercial goals, and bring the added touches that make them stand out in the marketplace and make a creative statement.

OVERCOMING THE COVID-19 PANDEMIC CHALLENGES

During the pandemic, Animasia was able to deliver and satisfy their customer base by implementing these measures:

- Work from Home (WFH) program.
- Upgrade of IT infrastructure to ensure support for the WFH program.
- All product development was done under the WFH program
- Continue to participate in International EXPO's online
- Executed a vigorous Social Media Marketing Strategy
- Limited on-site personal with full implementation of the Government's Standard Operating Procedures.

Achievements & Gertifications

- Awarded Malaysia Brand (Bola Kampung Animated Series & Chuck Chicken Animated Series)
- ► MIPCOM Junior Top 30 Most requested Program - ABC Monsters Animation
- Completed 3rd National Film Development Corporation Malaysia (FINAS), Film In Malaysia Incentive (FIMI) Projects
- YouTube Silver Button for Bola Kampung & Chuck Chicken
- Has garnered more than 2 billion views for Animasia's contents on YouTube & Digital Platform
- Multimedia Super Corridor (MSC) Malaysia
- ISO 9001 Certified



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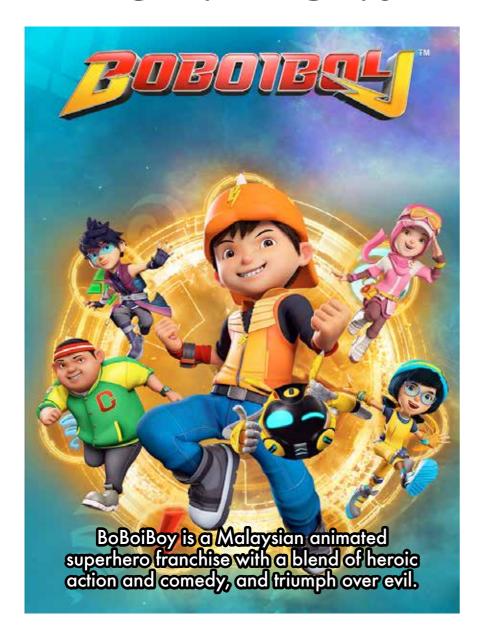
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MONSTA: CAPTURING HEARTS &

IMAGINATIONS



ANIMONSTASTUDIOS SDNBHD (popularly known as MONSTA) is an animation content developer producing fresh and high-quality content with good values for the universal market, that is universal content with a local touch.

ENTERTAINING & FUN

MONSTA's flagship animation series BoBoiBoy is a Malaysian animated superhero franchise. This multi-award winning 3D animated IP is a blend of superhero action and comedy about a boy and his friends travelling across the galaxy to protect it from evil aliens. MONSTA's other successful animated children's series/movies include Mechamato, Papa & Pipi and Fly with Yaya, all telling easy to understand stories with a moral and a good dose of humour.

MONSTA is a character business company and IP enabler with a diverse portfolio of products including Feature Films, TV Series, Merchandising and other related products in the Intellectual Property business.

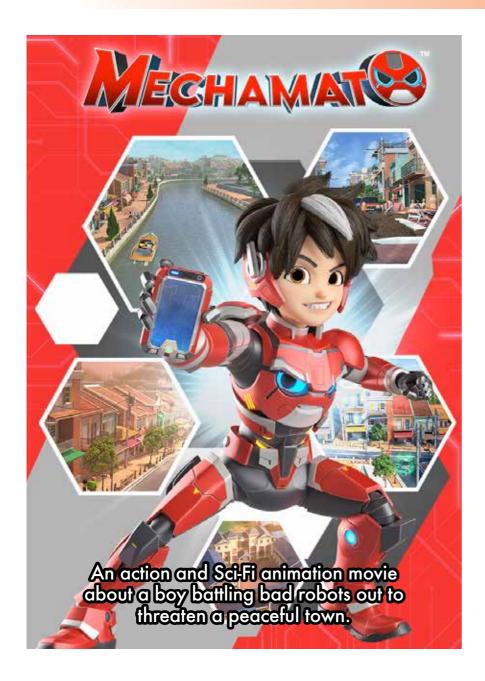
MERCHANDISING, DIGITAL SOLUTIONS & MORE

In addition to developing animation content, MONSTA's other business activities include content servicing distribution, licensing and merchandising, IP enabler, digital solutions, and publication.

MONSTA's official merchandise features an exciting line-up of original characters from its own animation series/movies such as BoBoiBoy and Fly With Yaya designed for fans and general consumers alike.

BoBoiBoy, for example, has introduced a wide range of merchandise for all ages such as toys, collectible trading cards, apparel, bags, stationery, tableware, bottles and tumblers, accessories, and food & beverages. As a contactless solution especially in this COVID-19 pandemic, MONSTA prioritises eCommerce platforms to engage with customers.

MONSTA also offers brand marketing and digital solutions to clients by combining strategic advertising with its characters and creative storytelling. Its brand awareness solutions span multiple platforms through various mediums to reach target audiences.



WIDE REACH VIA DIGITAL PLATFORMS

MONSTA has a wide reach on various digital platforms for fans from Southeast Asia and elsewhere to enjoy its content. All its original and licensed animation series are available on MONSTA YouTube Network, one of Southeast Asia's largest with 6.5 billion views from around the world. MONSTA is also present on various social media platforms so that it can reach its fans no matter where they are.

EXPORT MARKETS

Its export destinations are Indonesia, Singapore, Kazakhstan, Kyrgyzstan, China, Korea, India, Pakistan, Brunei and Cambodia.

GOING FORWARD

Amidst the COVID-19 pandemic and practising the new norms, MONSTA will continue to sharpen its skills and competencies in the ever-evolving animation industry to international levels. It wants to penetrate the global market with safe, entertaining and fun content for children.

Achievements & Gertifications

- BoboiBoy Movie 2 (2019) 2020 Asian Academy Creative Awards (Best Animated Programme/Series [2D or 3D] category)
- BoboiBoy Movie 2 (2019) 2020 Laurus Film Festival (Russia) (Best Photo/Poster category; Best Trailer/Teaser Category)
- BoboiBoy Movie 2 (2019) MONSTA & Astro Shaw – Appies 2020 Awards Malaysia (Marketing Innovation: Unlocking Power of Animation Sphere category)
- BoboiBoy Moms & Kids Awards 2016 (Indonesia) (Nominasi Kartun Kesayangan category)
- BoboiBoy The Movie (2016) Festival Filem Malaysia Ke-28 (Best Animated Feature Film category)
- BoboiBoy 2013 NEF Awani Awards (Favourite Local Online Community category); 2012 (Favourite E-Community category
- Animonsta Studios 2011 Anugerah Karyawan Animasi Malaysia (ANIMAS) (Skrip Animasi Terbaik category; Muzik Tema category; Suara Latar Terbaik category)
- Animonsta Studios NEF-AWANI ICT Awards 2011 (Best Start-up Company category); 2010 (Best Bumiputera Start-up Company category)
- 12th TBS DigiCon6: BoBoiboy 1st Place Regional Award 2010



ANIMONSTA STUDIOS SDN BHD

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Website: www.monsta.com









Some of the studio's collaborated animation service works for international clients in the US and South Korea.

EIGHTY FOUR ANIMATION STUDIO: UNLIMITED CREATIVITY OF 2D ANIMATION



Eighty Four Animation Studio is a growing Malaysian 2D animation studio led by a team of passionate artists and professionals.

EIGHTY FOUR ANIMATION STUDIO SDN

BHD offers all the animation business you need - from content creation, coproduction, work services, creative consulting and everything in between - that comes with high-quality outputs.

TELLING ITS OWN STORIES & MORE

In content creation of original IP, Eighty Four Animation Studio has done awardwinning jobs working its very own characters and stories such as its first and second IPs, The Parasite and Super Space Shock respectively.

In 2D animation services, the company serves all levels of production, namely, pre-production (concept, development and storyboard), production (animation, background and character) and postproduction (audio, music and editing). It has done 2D animation service projects such as Arcade Cloud and Arcade Blox (the US) as well as Hello Pawmily and Banzi (South Korea).

COVID-19: HIGH CONTENT DEMAND

Eighty Four Animation Studio is busier than usual producing more episodes for clients due to high demand from viewers of the content as more people are forced to stay home because of lockdowns or movement controls in almost all parts of the world during the COVID-19 pandemic. Views of content have soared, especially on YouTube.

Like most organisations, the Eighty Four Animation Studio team worked remotely from home during lockdowns to produce all the output for clients. Whenever working in the studio is allowed, they follow safe work procedures to avoid the spread of the disease.

STRONG INDUSTRY & GOVT SUPPORT

Eight Four Animation Studio commends industry players who have helped it in many forms, in addition, to support from government bodies such as MATRADE, Malaysia Digital Economy Corporation (MDEC) and National Film Development Corporation Malaysia (FINAS).

Such support includes grants, events, B2B meetings and other services which all have elevated the company's business, connections and opportunities to expand its networking in the bigger local and international markets.

REACHING GREATER GLOBAL **AUDIENCE**

Together with its dedicated team, Eighty Four Animation Studio wants to excel in both the creative and business sides of animation. It also wants to see both its IPs, The Parasite and Super Space Shock, to be broadcast on TV platforms and to have

more brands representing Malaysian 2D animation series that appeal to the market at home and abroad. For all that, it is working to bring more opportunities to its team and the industry to reach greater international audiences with more compelling original stories.

FIRM HAS WHAT IT TAKES

Established in 2015, Eighty Four Animation Studio was built by a group of passionate artists and professionals with vast experience in the 2D animation industry. It was co-founded and led by two key people, one having 17 years of experience and is the right brain of the studio overseeing all the creative decision making. The other founder has 14 years of experience as a producer for international animation series.

With content creation and animation services being its core business activities, Eighty Four

> **Animation Studio** constantly strives to produce original, fun and high-quality works to share with the audience, starting with its first IP, The Parasite. It has also collaborated in animation service works for its local and international clients.

The studio's original compelling stories are told through fun characters.

Achievements & Gertifications

- The Parasite is Silver Winner at Asia's Supreme Short Movie Contest (Malaysia leg) – 22nd DigiCon6 Asia 2020
- <u> 22nd DigiCon6 Asia 2020 Around and </u> Around 2020...
- Second prize winner for Animatch 2019



EIGHTY FOUR ANIMATION STUDIO SDN BHD

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LEMON SKY: MAKING GOOD ART FOR THE WORLD



Lemon Sky has grown to the forefront of the video game and animation industries as a creative art studio, with more than 350 creative talents tailoring custom CG game art and animation for clients and partners.

LEMONSKY is one of the pioneers to provide production services to international game and animation studios in Malaysia making them one of the first creative studios to work on AAA game titles in the region. They have contributed to some of the renowned, beloved and credible AAA game titles including Diablo 2 Resurrected, Ratchet & Clank: Rift Apart, Demon's Souls, Spiderman Miles Morales, The Last of Us Part 2, Overwatch and many more.

Since then, the CGI art and animation studio's export markets include the US, UK, Canada, Japan, South Korea and Europe. The company prides itself in being a creative studio that is big on ideas and the art of storytelling.

Lemon Sky Studios has produced topquality art for international animated series and AAA games. For over 10 years, it has worked with the biggest international brands that include Nickelodeon, Disney, DreamWorks, Netflix, Wildbrain, Nelvana, Corus Entertainment, Framestore, Blizzard Entertainment, Insomniac Games, EA, Square Enix and Naughty Dog.

MAJOR DIGITAL ECONOMY CONTRIBUTOR

Lemon Sky Studios' services as a creative company are not limited to 3D modelling, texturing, rigging, lighting and animation services for AAA games and animated series.

Its other services include idea generation, conceptualisation, asset building and testing, animation style development, pilot episode production, and cinematic animation. In addition to that, the Lemon Sky Development division is a platform to incubate new IPs and is a place where artists can propose and discuss innovative ideas.

MULTI-AWARD WINNING IP

AstroLOLogy, a quality animated web series, is Lemon Sky Studios' very own IP, that revolves around characters inspired by the 12 zodiac signs. It has received numerous international film awards and has been selected to participate in a host of reputable film festivals.

It has also won the hearts of viewers from across the globe garnering more than 1 million subscribers on YouTube.

VENTURES IN THE PIPELINE

Seeing the endless opportunities as it has only just tapped into AstroLOLogy's potential, Lemon Sky Studios has plans to diversify the IP's revenue streams as the company looks into licensing and merchandising prospects.

Lending Lemon Sky Studios' talent and creative ideas to build some of the most popular game titles in the industry have spurred the company to potentially build its own game titles too.

COVID-19 & CONTENT SECURITY

Rest assured Lemon Sky Studios' operations have been moved to a remote

set-up that ensures the security of its clients' content even while the COVID-19 pandemic continues to disrupt normal activities globally.

The studio keeps its clients around the world abreast of company developments through regular exchange of information and updates of the progress on projects. In doing so, Lemon Sky once again demonstrates its adaptability in managing the undertakings its clients require even through these unprecedented times.



Achievements & Gertifications

- Exporter of the Year (Mid-tier Companies category)
- Gold Award for Services (Mid-tier), Export Excellence Awards 2019
- AstroLOLogy received New York Animation Award, London Independent Film Awards, Spotlight Short Film Awards, Los Angeles Film Awards, Latitude Film Awards and Oniros Film Awards
- AstroLOLogy is the proud recipient of the Golden Play Button for its 1 million subscribers on YouTube



LEMON SKY STUDIOS

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Re:Legend is a simulation role-playing game comprising mythical creatures that roam the land of Ethia and on the island of Vokka

MAGNUS GAMES: TAKING GAMING TO NEXT LEVELS



Magnus Games started out as a small indie game studio, set up by two brothers with a big dream: to create games that are loved by fans around the world.

MAGNUS GAMES STUDIO SDN BHD is

one of Malaysia's homegrown game development companies with the capabilities to deliver world-class intellectual properties.

It has successfully tapped into the global multi-billion-dollar computer gaming industry with its very own Re:Legend, a project developed with passion, novelty and creativity.

Re:Legend is a simulation role-playing game (RPG) that is among the most popular gaming forms besides adventure, simulation, racing and actions.

MORE GAMES FOR THE WORLD

Now, Magnus Games Studio aspires to bring the Malaysian game industry to the global scene. Acknowledging the abundant but mostly unnoticed local talent due to a lack of awareness, it is working together with fellow industry players to elevate the industry.

It aims to create more games for people from all backgrounds and cultures to enjoy and to use its best abilities to encourage more Malaysian developers to continue creating games as there is a lot of talent around.

PRODUCTS & SERVICES

Magnus Games Studio develops premium video games across multiple platforms (personal computer, console, mobile); does outsource video games development; and provides IT solutions (gamified corporate solutions). It started out in game development in 2017 with a team of six and has grown to more



than 40 highly skilled professionals today. From its core business of development of video games, it later ventured into developing IT solutions through gamification to increase user engagement and efficiency.

COVID-19 IMPACT ON GAMING

The COVID-19 pandemic has significantly disrupted normal activities globally. Surveys have shown a sharp increase in the consumption of digital entertainment. Gaming, in particular, has surged in popularity as many people are forced to stay home or quarantine at home due to the disease outbreak.

HOW MAGNUS HELPS CLIENTS

From relaxation and socialising to work processes, its products and services are helping clients or facilitating actions in managing the pandemic. For instance, video games help both gamers and non-gamers pass time at home through entertainment. Its Re:Legend is a family-friendly multiplayer game that encourages players to work together to accomplish objectives.

CONTACTLESS SOLUTIONS

Meanwhile, with digital disruption touching every aspect of the gaming industry, Magnus Games Studio has contactless solutions in the pipeline to help avoid the spread of COVID-19. It is currently digitising and gamifying the traditional work processes. This will help promote a digital and paperless environment where users will require a lot less physical presence and contact as it can all be done in a digital manner.

Achievements & Gertifications

- Winner 2018 LevelUp KL Best Game Design
- Winner 2017 LevelUp KL Rising Star Award
- Signed global publishing deals with 505 Games and Duoyi China
- Most funded Kickstarter campaign in Southeast Asia
- Highest record of 99% positive votes on Square Enix Collective
- 2021 Huawei Cloud Partner of the Year in APAC

MAGNUS GAMES STUDIO SDN BHD

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AIESB: ROOTING FOR ROBOTS



Akar Indah Engineering offers a wide range of engineering, information technology and consultation services with the aim of reducing costs, increasing productivity whilst maintaining a sustainable approach in all aspects.

AKAR INDAH ENGINEERING SDN BHD (AIESB) was founded in 2014 by a group of entrepreneurs who saw an opportunity to meet the Malaysian government's challenge of encouraging more home-grown enterprises to establish technology-related businesses. Witnessing much potential in the local talents, AIESB decided that its success would enable more Malaysian industries to adopt local technology solutions and make an impact at the international level.

Its offices are currently situated within UPM-MTDC Technology Centre, a collaboration initiative between University Putra Malaysia (UPM) and Malaysian Technology Development Corporation (MTDC).

LEADING-EDGE SOLUTIONS, PRODUCTS & SERVICES

AIESB provides a wide range of engineering and technical services, with a focus on information technology solutions, Industry 4.0 solutions, machine retrofitting, machine localisation, project management, continuous improvement activities, technical design and technical training. Some of its installed solutions are:

Autonomous Robots - equipped with technology such as Radio Frequency Identification Devices (RFID) that can assist them in understanding their physical environment and automating elements of their

- maintenance and direction that humans previously performed.
- ANDON Monitoring System a system that alerts management, maintenance, and other workers to a quality or process issue. The focal point is a device with signal lights that show which workstation has a problem. The alert can be manually initiated by a worker using a pull cord or button or automatically actuated by the production equipment. In addition, the system could contain a feature that allows you to halt production while you fix the problem. Audio alarms, text, and other displays are all included in some current warning systems.
- Automated Guided Vehicle (AGV)
- Manufacturing Monitoring System
- Machine Maintenance -Preventive, Predictive and Corrective maintenance

Apart from these products and services, the company has also forayed into the training industry with learning modules and tools like Machine Control Training Kit.

VENTURING INTO INTERNATIONAL WATERS

From the onset, its vision was to export its products and services to a global audience. It has competed successfully with international companies to win projects internationally like:

- Smart Factory System Sudan
- Customised Factory System -Seibushoko Co. Ltd. (Japan)

Customised Factory System - Toyobo Co. Ltd. (Japan)

To support its Japanese customer base, AIESB plans its first international office to be located there soon. Furthermore, AIESB is confident that more such offices will be quickly created to meet its growing global demand.

ROBIN – COVID-19 PANDEMIC HERO

During the pandemic, the reduction of human contact is highly critical in ensuring the safety of workers. AIESB was able to serve its client base in the wet market and F&B industries with the Smart Terminal and Autonomous Robot Bin (ROBIN).

ROBIN ensured that human contact was minimal, allowing businesses to operate successfully with the pandemic conditions imposed by the government.

Achievements & Gertifications

- National Technology Innovation Sandbox (NTIS) - United Nations Development Programme (UNDP) - Partner
- Malaysia External Trade Development Corporation (MATRADE) Services for Exporters - Participant
- NARA Society 5.0 Human Innovation Exclusive Partner. Society 5.0 was proposed in the 5th Science and Technology Basic Plan as a future society that Japan should aspire to.
- Human Resources Development Fund (HRDF) Malaysia - Training Service Provider



AKAR INDAH ENGINEERING SDN BHD

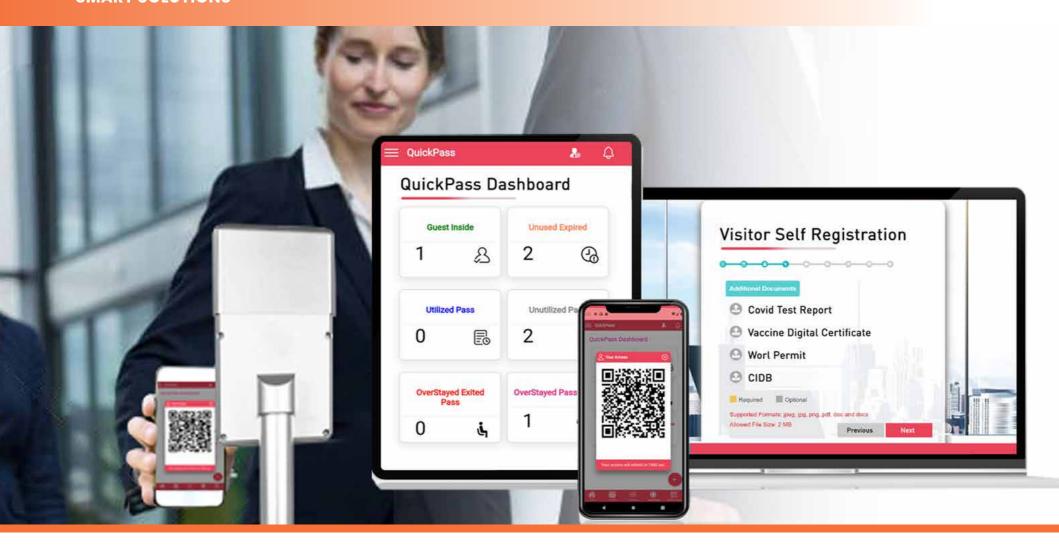
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CALMS TECHNOLOGIES: SMART ID **SOLUTIONS FOR PEACE OF MIND**

AN innovative company offering costeffective and leading-edge smart ID solutions, CALMS Technologies provides integrated solutions to over 1,000 organisations in various industries and sectors across ASEAN and the Middle East, Ireland/UK, Australia and Hong Kong.

Its overseas clients include British School Jakarta, Dubai Data Centre, Westline Education Group Phnom Penh, and Assumption College Bangkok.

VISITOR MANAGEMENT SYSTEM INTEGRATED WITH FACIAL RECOGNITION

The Facial Recognition enables employees and visitors to scan their faces, screen for temperature and authenticate their access in one solution. There's also the Pre-Appointment Visitor App that enables your visitors to schedule their appointment in advance. The solution will issue either Quick Pass (for delivery) or Standard Visitor Pass (for normal visitors) with QR code verifications.



CALMS Technologies is a Malaysian incorporated company that provides cost-effective and leading-edge smart ID solutions.

PANDEMIC MONITORING & MANAGING **SOLUTIONS**

CALMS Technologies' Temperature and Pandemic Monitoring Solution is a diverse range of preventive measures to digitally help stem the spread of contagious diseases. Its Facilities Booking Solution enables employees to book desk/ rooms for a day or in advance based on the workplace's capacity and social distancing guidelines.

EVALUATE STAFF & VISITOR HEALTH

The Digital Health Declaration is designed to evaluate incoming staff and visitors

health conditions. It allows them to declare their wellbeing, upload their COVID test result, acknowledge the safety briefing by scanning a QR code or fill up the digital form on a dedicated website link.

SAFE & SECURE CAMPUSES

Its comprehensive suite of specialised products comprises the EDUPurS, an innovative technology in a cloud solution to create a safe and secure campus environment There is also SAFE PickUp solution to ensure safe and convenient pickup of students from school, as well as Bus Attendance Tracking System, a logistic solution to monitor pick up transport via GPS. Not limited to schools, this solution is also applicable for manufacturing and transportation companies.

LOCATION-BASED ATTENDANCE **MOBILE APP**

Meanwhile, employers can stay informed about the staff real-time location with our Geo Attendance App that captures live location-based attendance at any given time via mobile phone.

INTEGRATED HAND SANITIZER WITH **ACCESS CONTROL**

The Integrated Hand Sanitiser with Access Control enables companies to enforce compulsory hand sanitising to ensure those who gained access have sanitised hands.

CASHLESS SOLUTIONS

For contactless payment, the Cashless Solution with Pre-Order Meal allows

parents to pre-order meal whereby students can later collect their meal at the canteen to eliminate students from having to queue at the canteen or cafeteria.

Furthermore, the Cashless Solution with Meal Subsidies enables employers to issue subsidies digitally through employees ID and redeem it at the counter.

DOING WHAT IT DOES BEST

CALMS Technologies' vision is to simplify users' daily life by saving cost and time while enjoying peace of mind with the benefits of a hardware-independent model based on customisation.

Offering both onsite applications and cloud-based platforms, the company is also adaptive to the latest technologies in pursuing competitive smart products inclusive of biometric (facial or fingerprint), license plate recognition and adoption of IoT, equipping clients towards the digital transformation of Industry 4.0.

Achievements & Gertifications

- Sin Chew Education Awards 2018/2019 **Education Support Service Provider**
- MATRADE Export Award 2018 Small & Medium Enterprises category
- SME 100 Awards 2017 Fast Moving Company Award
- 2017/2018 Best in Smart Solutions SME & Entrepreneurship Business Award



CALMS TECHNOLOGIES SDN BHD

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CHIN TECH EC: BRAVE NEW

ROBOTIC WORLD



Chin Tech is a total solutions provider, offering solutions in the converging field of robotic arm to robotic soldering machine, electronics manufacturing, design solutions and customised system integration.

CHINTECHEC SDN BHD was established as an automation company back in 2005, serving various industries in Malaysia, from food & beverage to machining, automotive, electrical & electronic, semiconductor, and aviation.

WELCOMING IR 4.0

Businesses today have to overcome hurdles of information overload and escalating customer demands for services. Chin Tech embarked on its Robotic Process Automation initiative to streamline clients' processes to reduce costs and production time.

These efforts align with Chin Tech's mission and aspiration to be Asia's technological frontrunner and establish itself as a competitive Industrial Robotic Process Automation and System Integration vendor.

CHIN TECH ROBOTIC SOLDERING MACHINE

Chin Tech robotic soldering machine offers a far more efficient alternative to hand soldering. As a result, it can enhance the day-to-day work of maintenance professionals, besides freeing staff to execute other high-value tasks.

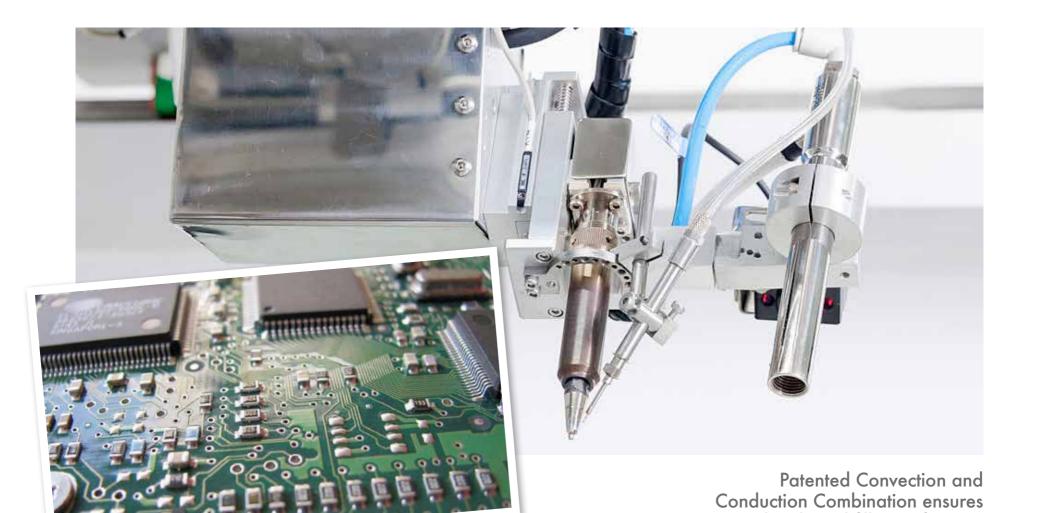


Collaborative Robot ...

Automated soldering clearly results in cost savings, improvement in quality, productivity, besides ensuring better health and safety of the technical staff.

CHIN TECH TM COLLABORATION ROBOT

The TM Collaborative Robot family realises an innovative manufacturing environment where humans and machines work in harmony, enabling a safe, flexible, and collaborative manufacturing environment between humans and machines.



Patented 5-Axis On-the-fly theta soldering head unit, all components are solderable irrespective of heights

LESSENING PANDEMIC IMPACT

COVID-19 has harshly impacted many industries such as manufacturing, food & beverage, property and many more. The Malaysian manufacturing industry has been the most affected industrial sector, affecting the operations that will impact their businesses financially.

Chin Tech Robotic Process Automation solutions can help the manufacturers pivot, refocus and adapt their production using robotic process automation that incorporates COBOT (Collaborative Robots) solutions to survive and keep up with customer demands.

It also helps the manufacturing industry be less human dependable as it increases contactless processes and increases productivity, leading to a better operating result.

complete barrel fill even for PCB

thicker than 2mm

THE FUTURE IS HERE

The company aspires to free human hands from repetitive tasks. It predicts that the 3D printing and robotic arms are about to merge in a spectacular way where the new robot arms double up as 3D printers.

Chin Tech plan to bring this technology into a reality in Malaysia, where the 3D printers have gained broad interest, especially from the manufacturing and construction industry - opening up a whole new world of design freedom.



CHIN TECH EC SDN BHD

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IDEASPARQ ROBOTICS: SPARKING GREAT IDEAS



Ideasparq Robotics provides bespoke, cutting-edge robotics solution applications to automate, simplify and optimise processes for the benefit of its clients.



The Medisparq Scrubber is an autonomous cleaning robot that effectively cleans and disinfects different types of surfaces over large surface areas without requiring any human intervention.

FOUNDED in 2012, Ideasparq Robotics Sdn Bhd is a specialist in providing solutions for robotics, industrial automation and special purpose machine application. The outfit offers cost reductions and productivity improvement solutions through mobile robots in a variety of industries. Ideasparq's key products include Automated Guided Vehicles



The Medisparq Fogger is a fogging disinfection robot that disinfects large areas of medical or quarantine facilities quickly using a fogging system.

(AGVs) and Autonomous Mobile Robots (AMRs), developed by its homegrown R&D team.

Due to the current pandemic, regular cleaning is necessary to ensure sanitary conditions for the continued safe operation of various industries. However, cleaning hard-to-clean and dirty floors manually requires an extensive workforce and is also time-consuming. Thus, Ideasparq Robotics has focused on the production of robots that would make such tasks a breeze.

Major Products

- **Autonomous Floor Scrubber** (Scrubber Bot)
- Ultrasonic Mist Humidifier (Fogger Bot)
- **Delivery Bot**



COMBATING THE PANDEMIC

Cleaning and sanitising a large surface area requires a lot of work and attention. Ideaspara's robots aim to assist people in performing daily tasks efficiently. No doubt, cleanliness is key to combating the highly infectious SARS-CoV-2 virus. Its autonomous robots can work independently, and a person merely needs to initiate the robots' activities.

FUTURE PLANS

In the future, the company is focusing on expanding the export market beyond Malaysia. The products' exportability is also enhanced due to the design simplicity and easy maintenance.

In research commercialisation, the company is focusing its efforts on bots' navigational ability by developing technology to rely on only cameras (i.e. 3D cameras).

It is also developing its own cleaning technology to ensure maximum cleanliness on every nook and cranny, besides advancing technology for the robot to navigate itself to the charging port.

Achievements & Gertifications

- Panelist in the Dubai 2020 Expo: Presented a talk on "High Tech Low Touch with New Emerging Technologies"
- Deployed robots to wet markets in Ipoh and Seremban towns (in Malaysia)
- Deployed robots to several hospitals in the southern region of Malaysia, in collaboration with Medivest Sdn Bhd



IDEASPARQ ROBOTICS SDN BHD

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Email: sales_team@ideasparq.com **Contact:** Mr Faiq Azmi (Sales Executive)

Website: www.ideasparq.com

iRADAR: SENSING ITS WAY TO GLOBAL OPPORTUNITIES



iRadar develops solutions that tackle environment monitoring issues, farming productivity and manufacturing industries automation needs.

iRADAR was incorporated in 2011 by a group of passionate research scientists. The company's primary focus is to offer state-of-the-art products and services in sensing and its related technologies. The company's core competency lies in developing high precision remote sensing and embedded systems, which enables real-time acquisition and processing of multi-dimensional data in the most challenging environments.

PRODUCTS AND SERVICES BY IRADAR

iRadar is a company that has developed unique technology expertise over the years, including Advanced Sensing, Radar, Data Analytics, IoT (Internet of Things), A.I. (Artificial Intelligence) Vision, Automation and Robotics. These resources are then utilised to develop and offer solutions such as Smart Environment, Smart Farming and Smart Factory – I.R 4.0 (Industry 4.0).

Their featured products consist of:

- 1. GoEnvi Environmental Quality Monitoring System is a one-stop platform to monitor and manage your environment data. This real-time, remote management system offers the ability to quickly detect changes that can be used in environmental disaster prevention/management and other environmentally sensitive industries. GoEnvi products are:
 - G2000 GBSAR (Ground-Based Surface Deformation Monitoring Radar)
 - G3000 GoEnvi Weather IoT Station
 & G3100 GoEnvi Air Quality IoT
 Station
- 2. GoTani Smart Farming Solutions This innovative sensing solution provides farmers with accurate and smart data that can be used to automate the farming process, forecast future expectations, optimise inputs and



react quickly to possible threats. The offered components are:

- T3000 GoTani Weather IoT Station
- T3100 GoTani Farm IoT Station
- T3200 GoTani Farm Combo loT Station
- 3. iSense is a suite of solutions catering for the I.R 4.0 Revolution. Their datadriven technology helps factories make better decisions, thus allowing more efficient factory operations, leading to increased productivity. This series includes:
 - S1000 Series MES Manufacturing Execution System.
 - S2000 Series commercial functional test systems
 - S3000 AIV Object Counting System
 - S3100 AIV Offset Measurement System
 - S3200 AIV Template Matching System.
 - S3300 AIV Advanced Defect Detection

GETTING FUTURE-READY & CONFRONTING THE PANDEMIC

The company tagline "Smart Sensing for a Better tomorrow" summarises its aspirations well. With a diverse team of innovators, iRadar continuously improves its inventions and offerings to help people and businesses do better and more efficient operations in the targeted industries.

With the Malaysian government focus on enabling the business to operate continuously, iRadar needed to fully implement all the SOP (Standard Operating Procedures) and introduce its own mitigating efforts like a work from home program and limiting onsite personnel required for critical operations only. Products offered by iRadar (which uses minimal human intervention) also enabled their customers to operate during these challenging times effectively.



iSense Suite of Solutions

Achievements & Gertifications

- 2021 Recipient of National Technology and Innovation Sandbox (NTIS); Champion in SME Innovation & Entrepreneurship Global Contest 2021 (Organised by SME Corp Malaysia, an agency under the Ministry of Entrepreneur Development and Cooperatives)
- ▶ 2020 Grand Winner Inaugural Tech Planter Asia 2020; Grand Winner Tech Planter Demo Day Malaysia
- ▶ 2019 IPIEC (Intellectual Property Innovation & Entrepreneurship Contest) Global 2019 ASEAN Chapter Winner
- 2017 Recipient of MTDC (Malaysian Technology Development Corporation) CR
- 2015 Recipient of APICTA (Asia Pacific ICT Alliance Awards) Best of R&D Merit Award
- 2012 MSC (Multimedia Super Corridor) Malaysia Status



IRADAR SDN BHD

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Email: sales@iradar.com.my Contact: Mr YC Lee (Business Development Manager) Website: www.iradar.com.my

IRIS: NEWER OFFERINGS IN TRUSTED IDENTIFICATION



IRIS Corporation Berhad, a technology integrator and innovator with Innovative, Relevant, Intelligent & Secure solutions for trusted identification, has over 27 years of experience in developing ePassports and multi-application eID cards.

IRIS CORPORATION BHD is an MSCstatus technology innovator and leading provider of Trusted Identification (ID) products and solutions. These are ID Solution, ePassport Solution, eVisa Solution, Border Control Solution, Digital ID Solution, Secure Document Solution, Smart Card Solution, and Smart Devices.

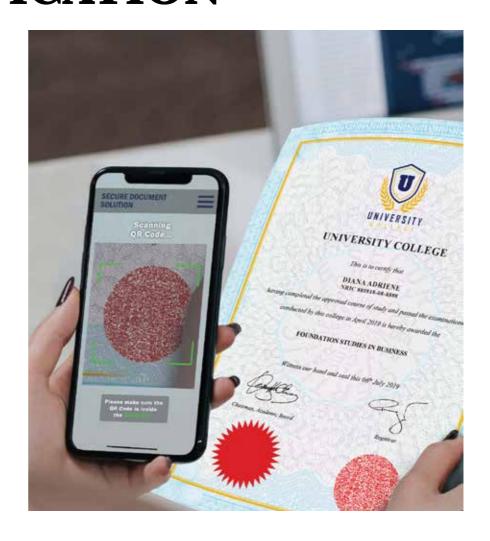
STRONG INTERNATIONAL RECOGNITION

IRIS owns 11 patents having designed several world's firsts starting with the ePassport for the Malaysian government in 1998. It went on to upgrade the ePassport by creating the IRIS eGate that automatically authenticates ePassport.

Today, IRIS with 27 years of global experience and expertise, is a dedicated provider of integrated, end-to-end solutions for eID, ePassport, eVisa, Automated Border Control (ABC), smart cards and other Trusted ID solutions that are highly reliable, secure and holistic.

EXPANDING GLOBAL FOOTPRINT

IRIS is present in 34 countries and counting as it strives to increase its international presence in diverse markets. IRIS delivers viable, secure and comprehensive



solutions to suit customer needs worldwide while being grounded by its core values of collaboration, integrity, innovation, trust and accountability.

COVID-19: CONVENIENT CONTACTLESS SOLUTIONS

While IRIS products are not specifically targeted at combating the spread of COVID-19, IRIS does offer clients and business partners various options for integrated contactless solutions such as Digital Identity Solution, Digital Immigration Gateway and Secure Document Solution.

These encrypted solutions incorporate facial recognition to facilitate secure and confidential know-your-customer (KYC) applications and contactless multifactor authentication.

UPCOMING CONTACTLESS SOLUTIONS

IRIS Digital ID Solution provides a complete



digital identity platform and gateway that allows citizens and other users to easily and conveniently create a digital identity and prove their identity without showing paper documents; securely connects to e-commerce, electoral participation, educational opportunities, welfare payments, banking and economic development; and grants access to online web services securely without passwords.

This system offers a secure alternative in combating fraud, increasing security and enhancing user experience. With IRIS Digital ID, both Government and users are assured of safe and secure identity authentication both in person and online.

SPRINGBOARD FOR MORE **INNOVATIONS**

IRIS looks forward to the fruition in 2024 of the National Integrated Immigration System (NIISe) project, a collaborative effort with Malaysia's Immigration Department and Ministry of Home Affairs. NIISe is currently being developed as a new system with cutting-edge

security features and will be monitored by a centralised National Immigration Command Centre.

NIISe will provide the Immigration Department with real-time data, contactless ID capabilities such as performing facial and biometric recognition and conducting advanced passenger screening, among other advancements. The development of new solutions and innovations for immigration services and border control for NIISe will be IRIS' springboard to offer newer solutions and products to the world.

Achievements & Gertifications

- ISO/IEC 27001:2013 Information Security Management Systems
- ISO 9001:2015 Quality Management
- ISO 14298:2013 (INTEGRAF) Security Management System for Secure Printing
- ISO 14001:2015 Environmental Management Systems



IRIS CORPORATION BERHAD

IRIS Smart Technology Complex, Technology Park Malaysia, Bukit Jalil, 57000 Kuala Lumpur, Malaysia

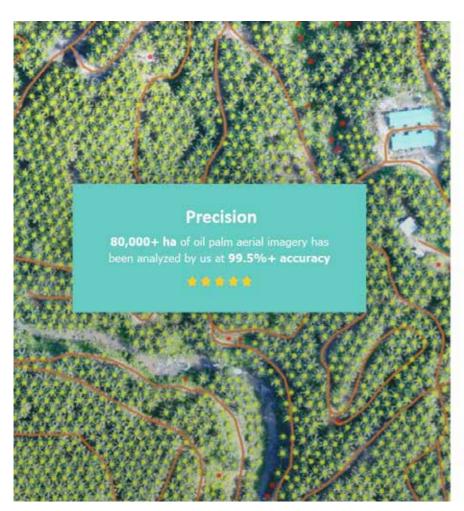
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Website: www.iris.com.my



AGRO-PLANTATION AI POWERED PRECISION

We understand that nano precision makes a big difference in yield, cost, and efficiencies for plantation. Our drone services & Al-powered computer vision algorithm brings a new level of precision to oil palm plantation



Precision Auto Tree Counting

Al-powered automated tree counting @ 99.5%+ accuracy. > Order precise fertilizer with accurate stand count.



Vacant Points

Find vacant points and supply them to maximize planting density



Plant Health

Spot unhealthy trees and prescribe targeted nutrient application



Crown Size

Crown size of every tree and mark anomalies for stunted growth



Precision Terracing

Find vacant points and supply them maximize stand-per-ha

OFO TECH: FLYING ABOVE AND BEYOND



OFO Tech caters for engineering and industrial application in various industries such as construction, infrastructure, agriculture, oil and gas, energy, utilities, plantation, environmental, forestry, city management and others.

OFO TECH (OFO) SDN BHD is a Next-Generation technology solution provider specialising in Geo-Al. Geo-Al or Geospatial-Alis basically a convergence of Artificial Intelligence (AI) and Geographical Information System (GIS). It is among few emerging technologies that have ready requirements from both government and private sector enterprises. Solutions offered using Geo-Al are incredibly diverse, from precision agriculture, predicting landslides and object detection to even more extensive analysis like slum identification in cities and flood prediction. OFO, founded in 2016, is based in Kuala Lumpur, Malaysia. In addition, it has offices in Indonesia, Bangladesh and Romania, supporting its clientele in those regions.

IN-DEPTH TOOLS, COMPONENTS AND **SOLUTIONS**

OFO, with a team of experienced tech professionals, is continuously developing their in-house GeoAl-RR components, which are:

- **UAV-based Solutions (Unmanned** Aerial Vehicle)
- Data Management Platform (RAISE & ENVIS)
- Research & Development
- Web & Mobile Application Development
- Artificial Intelligence & Machine Learning
- Internet Of Things (IoT)
- Drone Hardware & Solutions
- Geographic Information Systems (GIS)

RAISE 3.0, their latest offering, is OFO's own methodology on asset and incident management system, which utilises the total asset life cycle approach. This perspective enables complete coverage of the asset life cycle from the start (planning) to the end (decommission).

These components allow OFO to offer solutions customised to the individual needs of customers and operating environments. Currently, they provide comprehensive products and solutions in this sector under GeoAI-RR Solutions, which comprise:

- **Smart Highway Solution**
- **Smart River Solution**
- **Smart Island Solution**
- Precision Agriculture
- Carbon Footprint and Environmental Management System
- Anti-Drone System
- Daulat (Security Surveillance)

GLOBAL PLANS

OFO has executed multiple projects globally that attest to its technical expertise. Projects delivered outside of Malaysia by OFO includes:

- Project Bakrie Group Digital Mapping (Indonesia)
- Ubud Bali- Digital Mapping Project (Indonesia)
- Project Lamongan Digital Mapping (Indonesia)
- RPAS Solution development for Bangladeshi Military Welfare Trust (Bangladesh)
- Probolingo Bayuwangi Toll Road

- Project Monitoring (Indonesia)
- Kaufland Building Inspection & Project Monitoring (Romania)

Their experienced team plans to develop further inroads into other parts of the world with their unique talents.

HOW OFO CHANGED CUSTOMERS' PERSPECTIVE

COVID-19 has affected nearly every nook and corner of the world. However, during the pandemic, the Geo-Al technology became a boon to businesses as site operations were seen through the web platform, which did not require workers to visit the site. "Especially with the work from home environment, workers don't have to go to the site; instead, OFO brought the site to their homes via the Geo-Al technology."

Achievements & Gerțifications

- EN ISO 9001:2015 Provision of Drone and Unmanned Aerial System (UAS)
- Remote Pilot Certification: Certification III in Aviation (RemotePilot – Visual Line of
- Sight) by Civil Aviation Safety Authority (CASA) of Australia
- 2019 Frost & Sullivan Award: Malaysia UAV Company of The Year
- 2018 Frost & Sullivan Award: Malaysia UAV Services Entrepreneurial Company of the Year
- 2018 SME100 Award: Fast Moving Companies (Organised by SME Corp. Malaysia, an agency under the Ministry of Entrepreneur Development and Cooperatives)

OFO TECH SDN BHD

INNOVATIVE TECH SOLUTIONS

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WHAT KEY COMPONENTS MAKE ORANGEWORKFORCE SPECIAL?



OrangeAl (The Brain)

OrangeAl is the brain of the OrangeWorkforce, which is in charge of awareness and decision-making of the OrangeBots.



OrangeVision (The Eyes)

OrangeVision allows OrangeBots to mimic the human eyes to scan content from documents, files, PDF and emails.



OrangeCloud

OrangeCloud platform allows users to monitor and support OrangeBots remotely, regardless of district.



OrangeBots (The Robot)

OrangeBots are the software robots that carry out the work for OrangeAl and OrangeVision.

ORANGEFIN ASIA: DIGITAL WORKFORCE FROM MALAYSIA



OrangeFIN Asia is a Malaysian **Robotic Process Automation (RPA)** company that automates tasks for businesses with its digital workforce solution.

ORANGEFIN ASIA SDN BHD (ORANGEFIN)

has developed OrangeWorkforce, a software-driven robotic workforce that utilises artificial intelligence (machine learning) capabilities to automate and eliminate high-volume and repetitive tasks. OrangeFIN believes that with Robotic Process Automation (RPA), corporate workers are freed to focus on higher-value tasks and responsibilities.

The company focuses on bringing value to Financial Institutions and Small

and Medium Enterprises (SMEs), where intensive manual operations can be assessed and automated to increase productivity and save operation costs. Processes like cheque clearing, reporting, and other IT and back-end operations rely primarily on human resources, driving up operational costs. However, OrangeWorkforce can execute these things faster and more consistently than human personnel.

Presently, OrangeFIN's solution has grown and expanded to offer unique capabilities including self-recovery, peer monitoring, hive maintenance, load balance, selfawareness and their OrangeCloud platform to allow organisations the ease of working remotely.

AUGMENTING WORKFORCE WITH ORANGEFIN

OrangeWorkforce is a lightweight and

self-sustainable digital workforce built on the concept of 'workforce augmentation'. Developed to enhance the way humans work, it works flexibly on various interfaces such as execution application, email, API/Web services and many more to automate the repeatable human work.

OrangeWorkforce consists of several components, namely:

- OrangeAI (The Brain)
- OrangeBots (The Robots)
- OrangeVision (The Eyes)
- OrangeControl (The Physical)
- OrangeSensing (The IoT)

OrangeFIN has since launched OrangeFIN Academy, a training centre offering RPA courses to become an OrangeWorkforce RPA specialist and the OrangeWorkforce Partner Program.

ORANGEFIN'S FUTURE PLANS

OrangeFIN believes that while every organisation can implement RPA, many only use it sparingly. It also predicts that every company will soon have its own Digitalized Workforce to eradicate manual, mundane, tedious, resource taxing tasks that yield little benefit to the organisations overall productivity and efficiency. Thus, it aspires to place one self-sustainable multi-function digital workforce in every organisation.

Beyond local borders, OrangeFIN is looking forward to expanding its innovative solutions to ASEAN and other regions such as Asia, the USA and Europe, in the next three years.

ORANGEWORKFORCE - PANDEMIC FRIENDLY OPERATIONS

Due to the COVID-19 pandemic, organisations worldwide are faced with digitalising operations to adapt to the pandemic demands of virtual remote work structures. In these unprecedented times, OrangeFIN has assisted many customers in accelerating this industrial transformation with the implementation of OrangeWorkforce. It can imitate human behaviour, independently handle the daily work of human employees, and significantly reduce physical contact.

Achievements & Gertifications

- 2021: Finishes as Finalist in Huawei Spark Malaysia 2021
- 2021: OrangeFIN Academy Training Course receives 100% HRD Corp., Wins Platinum Business Awards (PBA) 2020. (Organised by HRD Corp., an entity under Human Resources Ministry, Malaysia)
- 2021: OrangeFIN becomes X-Pitch 2021 'Global Top150' Finalist – to proceed to Grand Finale in November 2021
- ▶ 2020: Wins Malaysia Technology Excellence Awards (MTEA) 2020 Award - 'Robotics - IT Services' Category
- 2020: Launches OrangeFIN Academy
- 2020: Wins Platinum Business Awards (PBA) 2020 – 'Emerging SME' Category (Organised by SME Corp Malaysia, an agency under the Ministry of Entrepreneur Development and Cooperatives)
- 2020: Wins MSC APICTA Award 2020- 'Start-Up' (Category Winner)
- 2018: Granted approval for Malaysia Digital Economy Corporation (MDEC) 'MSC' Status

ORANGEFIN ASIA SDN BHD



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REDTONE: SMART FARMING TECH FOR ALL TIMES



REDtone Smart Farming solutions aim to transform the agriculture sector by automating farms to achieve higher and better crop yields while reducing resources and operating costs.

AS an industrial provider for the agriculture sector, REDtone IOT Sdn Bhd's Smart Farming solutions aim to transform the sector by helping farmers automate their farms. This is to achieve higher and better yields while reducing resources and operating costs to ultimately maintain the sustainability of the entire value chain.

HOW SOLUTIONS WORK

REDtone Smart Farming solutions are an integrated Internet of Things (IoT) platform that allows farmers to leverage sensors, smart gateways and monitoring systems to collect information, control various parameters on their farms and analyse real-time data in order to make informed decisions.

The three focus areas are remote monitoring of farm parameters, automation of control systems, and remote control which ensures crops are well-nourished and watered without human intervention.

ALL FARMS BIG & SMALL

REDtone Smart Farming solutions cater for different types of crops and farm sizes, from smallholders to large-scale plantations.



IoT-based Smart Farming solutions cater for different crop types and farm sizes, from smallholders to large plantations.

The Smart Lite Fertigation System, for example, is designed for smallholder farmers. Fully automated, feature-rich and economically priced, the system enables growers to master fertigation at a professional level.

Other offerings are Smart Agricultural/ IoT-based solutions for farms such as Smart Agricultural for durian farms, Smart Greenhouse and Smart Aquafarming.

Smart Greenhouse is a self-regulating, micro-climate controlled environment using sensors, monitoring and control systems that optimise growth, ultimately automating the growing process.

MITIGATING COVID-19 DISRUPTIONS

During the Movement Control Order (MCO) period, farmers employing the REDtone Smart Farming solutions are

able to monitor, automate and control their farms remotely via smartphone or tablet.

For example, many farmers and their workers face problems in travelling to and from their farms due to travel restrictions, so they are unable to carry out their normal work. Using Smart Farming technologies such as Smart Irrigation, Fertigation and Pesticide Misting have helped to mitigate these issues.

INDUSTRY LEADING LIGHT

REDtone is leading the industry, actively involved in driving innovation and adoption of smart agricultural solutions and technologies by capitalising on its expertise in ICT and digital services.

Its award-winning REDtone Smart Farming solutions were launched in 2018 to transform the agriculture sector. It is committed to growing a partnership ecosystem for technology collaboration as it believes this approach is key to maximising value and enhancing the vitality of smart farming and smart city projects.

PART OF WELL-RESPECTED BRAND

REDtone IOT is part of REDtone Digital Berhad, a subsidiary of Berjaya Corporation Berhad. Listed on Bursa Malaysia, REDtone is a leading integrated telecommunication and digital infrastructure services provider. A wellrespected homegrown brand founded in 1996, REDtone has evolved from a voice provider to one that offers an extensive

range of services under three main categories, (i) telecommunications including data, voice and cybersecurity services to government, enterprises and SMEs; (ii) managed telecommunications network services such as building, maintaining and operating large scale USP projects, WiFi hotspots, base stations, and fibre infrastructure; (iii) industry digital services such as cloud services and applications, data centre services, virtual reality (VR), Internet of Things (IoT) for smart cities and smart farming, and healthcare solutions to enterprises, government, and the healthcare industry.

Smart solutions ensure crops are well-nourished and watered without human intervention.



Achievements & Gertifications

- Best Industrial Provider for the Agriculture Sector at the prestigious MSC Malaysia **APICTA Awards 2019**
- Best Smart Farming Technology at the Global Agritech Summit 2019



REDtone IOT SDN BHD

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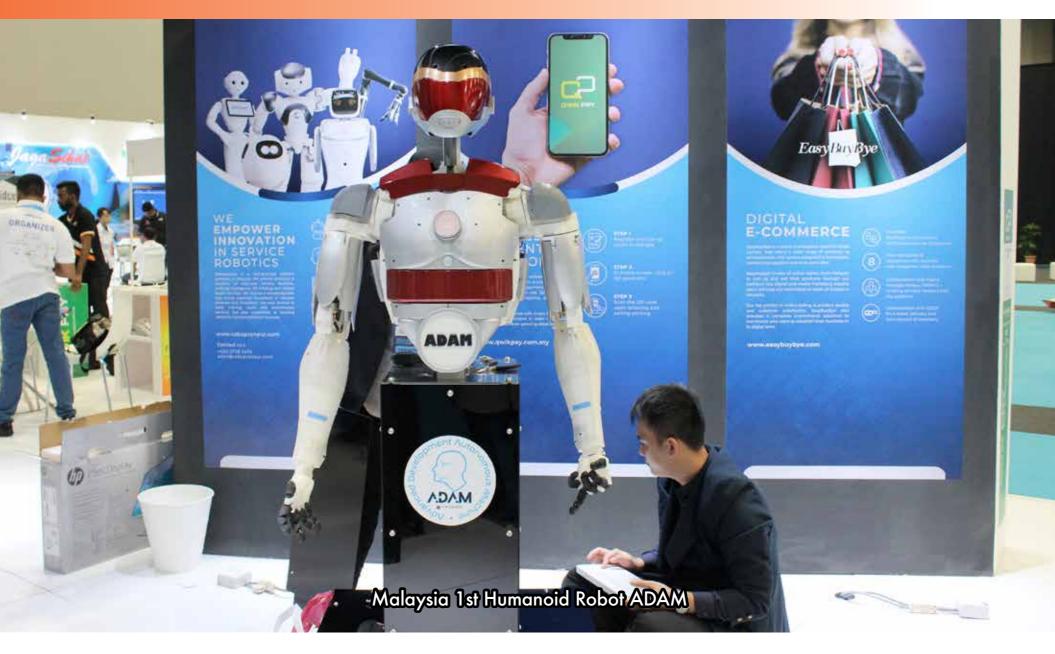
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Marketing)

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ROBOPRENEUR: EXCITING ROBOTIC VISION



Robopreneur is a fast-growing service robotics company based in Malaysia, providing service robotics products and solutions for professional and domestic use.

ESTABLISHED in 2015, Robopreneur Sdn Bhd provides high-end Service Robotics products and solutions for professional and domestic use within service industries and healthcare. Robopreneur is the pioneer and market leader in Malaysia's service robotics technology and solutions segment.

The company offers Al-driven Service Robotics Solutions for enterprises and consumers eager to digitalise and

automate their business while maintaining a healthy cash flow. Unlike other robotics competitors, Robopreneur provides a wide range of high-end service robotics products with fully programmable solutions individually tailored to each business needs, including offering a financing package for rental and leasing.

ENCOURAGING MOBILITY

Robopreneur has built a lightweight and flexible robotic arm system designed to integrate fully into any motorised wheelchair, assisting the elderly with limited lower limb movement or no upper limb mobility to achieve what was once impossible. The robotic arm features six-axis movement corresponding to shoulder, elbow, and wrist, allowing 16 moves in all to mimic the smoothness and versatility of a functioning human arm.



ASSISTING PANDEMIC HIT BUSINESSES

Robopreneur is assisting businesses to recover from the impact of the COVID-19 pandemic by offering cost-effective robotics solutions while promoting better career prospects for skilled workers and reducing the dependency on low-skilled foreign labour.

The pandemic has also opened new opportunities for the outfit. The company has invented a smart device called STARS for body temperature screening powered by facial recognition. The webbased software enables centralised management of visitors and facilities remotely, used widely in many facilities and hospitals in Malaysia.

Robopreneur utilised its robotic automation system to supervise pandemic safety management, enabling many service sectors to operate during the pandemic. It has also pivoted into the medical segment by designing a Low-Dead Space Syringe for the COVID-19 vaccination programme in Malaysia.

TO THE FUTURE

Robopreneur's vision is to lead the digital transformation in service and healthcare industries through adaptation of Service Robotics, Automation and AI solutions. The homegrown company aims to expand its business globally and become the market leader in the service robotics business in Asia Pacific Region.



- SME100 Fast Moving Company Award 2020
- SME100 Sustainable Brand Award 2020
- STAR Outstanding Business Award (SOBA) 2020
- Malaysia Industry Personalities & Entrepreneurs Award 2021
- EY Entrepreneur of the Year Award 2021 top 3 nominees in Technology Category
- **SUPERBRANDS Award 2021**



ROBOPRENEUR SDN BHD

Unit 15-4 Level 4, Galleria Cyberjaya, Jalan Teknokrat 6 Cyber 5, Cyberjaya 63000, Selangor, Malaysia Tel: +603-2726 2476

Email: hanafiah@robopreneur.com /

sales@robopreneur.com

Contact: Dr Hanafiah Yussof (CEO) Website: www.robopreneur.com

SECUREMETRIC TECHNOLOGY: FORMULA FOR STRONG DIGITAL SECURITY



With more than 10+ years of innovation, Securemetric is one of Southeast Asia's leading regional players in the niche digital security domains.

SECUREMETRIC TECHNOLOGY SDN

BHD is a wholly-owned subsidiary of Securemetric Berhad. Securemetric has been a Public Listed Company in Malaysia since 2018 - which specialises in niche digital security solutions with core expertise in Public Key Infrastructure (PKI) solutions. Our business focus lies in Securing Mobile Applications, Digital Identities, Digital Signature and securing Online Transactions.

Over the last decade, Securemetric has steadily gained a footprint into building Certificate Authorities (CA) and Time-Stamping Authorities throughout Southeast Asian countries. Securemetric also develops award-winning IAM-Identity Access Management systems,

such as Single Sign-On (SSO), Multi-Factor Authentication (MFA), and FIDO Authentication security tokens. Securemetric has operating offices in Malaysia, Singapore, İndonesia, Vietnam and the Philippines.

SECURING PROCESS, DOCUMENTS & IDENTITY

Organisations can implement Securemetric solutions in every facet of the digital infrastructure in an organisation wherein security and integrity is required. It is renowned for several of its core offerings, including:

- Public Key Infrastructure (PKI) solutions
- SMobileShieldX (SMSX) for both Android and iOS mobile applications.
- AppViewX's Certificate Lifecycle Management Solution (CLM)
- Utimaco Hardware Security Modules (HSM)
- Digital Signature SAAS Platform (SigningCloud)
- IAM Identity Access Management system (CENTAGATE®)
- FIDO Token product and services





PLANS FOR A DIGITAL FUTURE

Securemetric strives to develop more Public Key Infrastructure (PKI) centric products and services, adding to its core competency in building CA and Timestamping Authorities in the Southeast Asia region. Thus far, numerous projects have been implemented in Malaysia, Singapore, Vietnam, Indonesia, and others.

To further strengthen its product offerings and technology expertise, Securemetric also has smart collaborations with selected technology partners across the UK, Denmark, Sweden, and Germany. It aims to integrate more CA and digital identity solutions into its digital signature platform, and ultimately achieve a trusted universal PKI signing platform that complies with local laws and international standards.

SIGNINGCLOUD - SIGN WITH CONFIDENCE

The practice of social distancing means staying home and away from others as much as possible to help prevent the spread of COVID-19. In addition, the approach encourages the use of digital tools such as online meetings, cloud services and remote management. SigningCloud, a public cloud-based Software as a Service (SaaS) platform, is a fully digitised signing ecosystem and experience. Organisations implementing this system will mitigate the risk of physical contact and avoid the spread of the virus.

Achievements & Gertifications

- 2020 MSC Malaysia APICTA Awards: National Cybersecurity Innovation Challenge Award 2020 (CYBER100) -TOP 3 FINALIST The National Cyber Security Agency (NACSA) in collaboration with the Malaysia Digital Economy Corporation (MDEC)
- 2016 SOBA Star Outstanding Business Award: Gold – Best of Innovation Award (by The Star Media Group)
- 2015 Malaysia Cyber Security Awards Cyber Security Project of the Year – PKI in a Box MOSTI – Cyber Security (organised by Ministry of Science, Technology & Innovation, Malaysia)

SECUREMETRIC TECHNOLOGY SDN BHD



L5-E-6, Level 5, Enterprise 4, Technology Park Malaysia, Lebuhraya Puchong-Sg.Besi, 57000 Bukit Jalil, Kuala Lumpur, Malaysia Tel: +603-8996 8225 / +6016-347 4384

Fax: +603-8996 7225

Email: sales@securemetric.com / soo.shenheh@securemetric.com

Contact: Mr Soo Shen Heh (Senior Manager,

Business Development Department) Website: www.securemetric.com



T-ROBOT: HIGH-TECH HELP **FOR SMES**



T-Robot - also known as TechCapital Resources - provides robotics R&D, Industry 4.0 solutions, system integration solutions, and robotics & Industry 4.0 technical training.

T-ROBOT (TECHCAPITAL RESOURCES **SDN BHD)** is actively working towards becoming the pioneer Malaysian robot maker focused on producing multiple variants of linear robotic products and systems that benefit the small and medium enterprise (SME) market.

ROBUST INDUSTRIAL ROBOTICS

T-Robot's current products include the Industrial Linear Robot Solution, which is a 3-axis robot system for tasks such as pick and place, tightening screws, palletising, and quality inspection check. It is customisable to suit various industrial applications including horizontal welding, large parts handling, packaging and sorting.

EXPORT MARKETS

Throughout T-Robot's six years in operation, it has successfully delivered its robotics system in Malaysia starting 2016 and internationally from 2019 to countries including Singapore, South Korea, Thailand, Oman and Tanzania. Among others, T-Robot exports its Industrial Linear Robot to Busan, South Korea; Robotics Education System to Tanzania, Zanzibar and Oman.

More SMEs are looking for an alternative to replace their manual-based labour with an automation system to complete their daily orders. But due to costly investments needed to adopt automation, they are also seeking a better option, which is replacing basic and redundant tasks with a robotic system. Given that, the

T-Robot team will remain focused on providing and delivering robotics R&D, Industry 4.0 solutions, system integration solutions, and robotics & Industry 4.0 technical training.

COVID-19: T-ROBOT'S ALTERNATIVE SOLUTIONS

The COVID-19 pandemic has compelled factories to look for alternative solutions to minimise the risk of disease infection by reducing operators per shift but still be able to meet the factories' daily output. Here, T-Robot's Linear Robot System helps factories automate their existing process, thereby requiring fewer operators per shift without compromising the factories' daily output.

CHOICE OF SIMPLER, AFFORDABLE **ROBOTS**

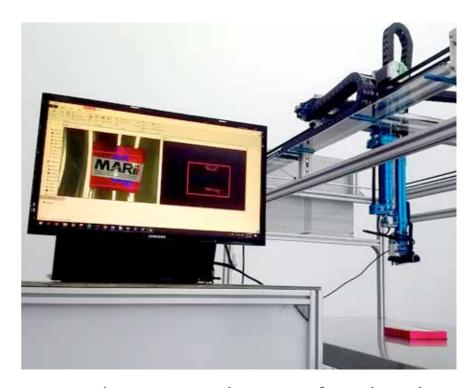
Now, more than 90% of the SME market in Southeast Asia comprising local factories - which mostly invest heavily in premium robotics and machinery imported from Europe, Japan and America – will have an alternative brand of simpler robots to fulfil their production requirements.

With more factories benefiting from its robotics technology, T-Robot believes local economies will also benefit due to increased factory production output, better opportunities for skilled talents and reduced dependency on unskilled labour.

NEXT-GEN ROBOTICS

T-Robot is currently further developing its

Industrial Linear Robot to be flexible and suitable for more applications so as to provide better choices for manufacturers to automate their processes. Established in 2015, T-Robot is a robotics start-up that concentrates on assisting local SMEs to adopt robotics technology in their daily operations on a practical and affordable scale.



Linear Robot, a 3-axis robot system for tasks such as quality inspection check.

Achievements & Gertifications

- MDEC awarded T-Robot with Multimedia Super Corridor (MSC) status in 2018
- The Ministry of International Trade and Industry (MITI) awarded the company with Pioneer Status in Robotics & Data Acquisition in 2020
- Registered Training Provider for Human Resource Development Corp (HRDCorp)
- Registered Training Provider for Malaysia Productivity Centre (MPC)
- Training programmes recognised by Malaysia Board of Technologists (MBOT)

T-ROBOT (TECHCAPITAL **RESOURCES SDN BHD)**



CO9P, Robot Hub, C-G-5, Block C, UPM-MTDC Technology Centre III, Universiti Putra Malaysia, 43400 Serdang, Selangor, Malaysia

Tel: +603-8957 8395 / +6013-403 8699 **Email:** info@t-robot.my / hafiz@t-robot.my **Contact:** Mr Hafiz Hashim (Executive Director)

Website: www.t-robot.my

MOOVBY: CAR RENTAL MADE EASY



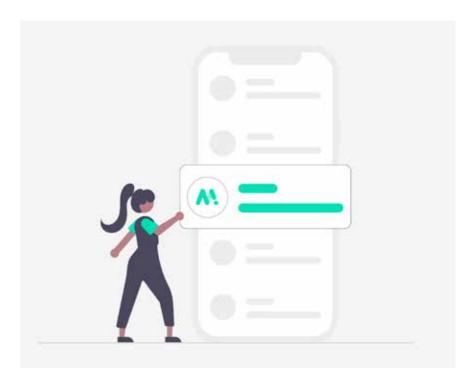
Moovby is the largest peer-to-peer car-sharing service in Malaysia and Indonesia, offering convenient 24/7 access to shared cars nearby.

MOOVBY (Urban Mobility Asia Sdn Bhd) is a homegrown peer-to-peer car-sharing platform established in Malaysia in 2018. As a pioneer in the sharing economy and the travel industry, Moovby is disrupting the car rental industry by connecting vehicle owners, whose cars would otherwise be idle, with people who need a car. According to research reports, the car rental industry is worth US\$500 million in Malaysia and US\$72 billion globally currently.

UTMOST CONVENIENCE

Travellers can rent any car they want, whenever they want, from Moovby's vibrant community of local car owners. Travellers choose from a unique selection of nearby cars, while car owners earn extra income by sharing their idle vehicles.

Moovby is a safe, supportive community where the car you rent is part of a story, not a fleet. For as little as US\$2 an hour, users can conveniently rent cars nearby by the hour, day, or week; and save hundreds or even thousands of dollars on auto payments, insurance and maintenance.



Enter a location and date and browse thousands of cars shared by local hosts.



Book on the Moovby app or online, choose a protection plan, and say hi to your host! Cancel for free up to 24 hours before your trip.



Have the car delivered or pick it up from your host. Check-in with the app, grab the keys and hit the road.

WHY BUY WHEN YOU CAN RENT

Car owners can offset the high cost of ownership while positively impacting the environment. Data shows that listing your car on Moovby and renting it out eight days a month covers your monthly car loan installments, maintenance and insurance. The company has also enhanced safety measures to ensure the community can continue to share cars safely and confidently.

CLEANLINESS DURING AND POST-PANDEMIC

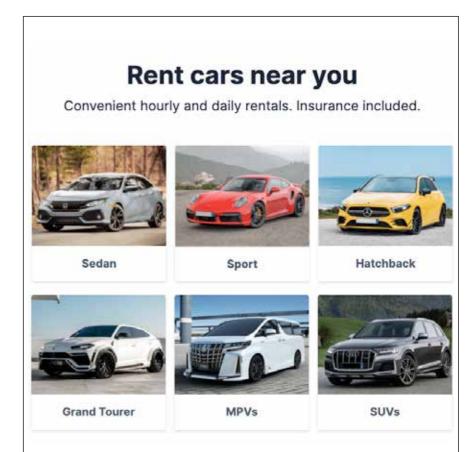
Anxiety is simmering at an extraordinary level across society, so the company is laser-focused on how hosts can provide safe access to clean cars for whoever needs them — whether for frontline workers getting to work or vacationers looking to hit the road in a self-contained mobile sanctuary.

Hosts must now clean and disinfect their vehicles thoroughly before every trip based on Moovby's strengthened cleaning policy. In addition, moovby hosts have access to training materials on proper cleaning and disinfection practices based on the latest recommendations from the government and vehicle detailing experts.

Hosts are expected to clean their cars' interiors and wipe all surfaces with disinfectant, paying particular attention to all frequently touched "hot spots" like door handles, centre consoles, steering wheels, buttons and switches, and seat belts.

TO THE FUTURE

Moovby aspires to be a global carsharing company. Therefore, the company continues to make more efforts to deploy technology to drive innovation and business growth.



Find discounts on all types of drives, from the compact to the extraordinary, with a better, more convenient experience than rental car companies.

Achievements & Gertifications

- Winner ASEAN Startup Hackathon @ Bangkok (RM35,000)
- Winner SUPERB Teraju @ Kuala Lumpur (RM500,000)
- Finalist Wild Digital @ Indonesia
- 10 Notable Tech Startups in Malaysia



URBAN MOBILITY ASIA SDN BHD

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Contact: Mr Nik Muhammad Amin (CEO)

Website: www.moovby.com



VEPRO: PANDEMIC-PROOF PRODUCTION LINES



Vepro is one of the leading automation solutions providers for manufacturing industries across the SEA region.

VEPRO GROUP SDN BHD (VEPRO) was established in the year 2003 to provide automation solutions to Malaysia-based manufacturers. The company, based in Klang, Selangor, had evolved over the years to become a highly reputed supplier of robotics, automation and engineering solutions.

With the advent of Industry 4.0 in the manufacturing world, robotics and automation are essential in unlocking the next level of productivity improvement. Vepro is at the forefront in offering these innovations in Malaysia and other markets such as Singapore, Vietnam, Indonesia, the Philippines, Thailand and India.

FULL RANGE OF AUTOMATION SOLUTIONS, ROBOTIC SYSTEMS AND ENGINEERING SERVICES

Vepro offers total plant automation solutions for every aspect of the processes with reliable, cost-competitive and quick financial return technology systems. In addition, it also supports in planning, design and implementation of turn-key systems for operations in manufacturing plants and facilities management.

In Robotics, the challenge is to combine state-of-the-art technologies to build reliable, cost-effective, and efficient system solutions. Vepro designs, develops and builds machines based on customer requirements, which comes with maintenance and support.

Products delivered by Vepro includes:

- Robotic Application (Picking, Palletising, Handling, etc.)
- Automatic Filling, Canning and **Packaging Machines**

- **Automatic Labeling Machines** (Sleeve, OPP, Cold Glue, etc.)
- Material Handling and Conveyor System
- Gable Top and Aseptic Brick Filling System
- Preform and PET Stretch Blow **Moulding Machine**

Vepro has also developed training and development kits for the Robotic Educational market.

VEPRO'S PLAN FOR GROWTH

Continuous innovations fuel the automation and robotics industry. As a result, Vepro invests heavily in its development of human resources and development tools, ensuring its team is technically adept and able to absorb new ideas and

discoveries. Currently, its client base includes multinationals like F&N, Dutch Lady, Unilever, Indofood, Monin Asia KL, Sika Kimia and etc. While servicing global markets, Vepro's immediate plans are to participate more effectively in the growing ASEAN market.

VEPRO AND COVID-19 PANDEMIC

Automation and Robotic solutions was a game-changer for manufacturers during this pandemic. With robots, there is no need for social distancing, extra standard operating procedures, and increased operating costs (like face masks, COVID-19 tests) in the production line.

Vepro, as one of the members of The Malaysian Consortium of Mid-Tier Companies (MCMTC), has taken part in the 'We Care' campaign by contributing items like personal protective equipment (PPE) and face masks to hospitals and government clinics nationwide via relief organisation "Ops Harapan".



Achievements & Gertifications

- 2020: Authorised Sales Partner Fuji Yusoki Kogyo Co. Ltd, Japan
- 2020: Member of IFR (International Federation of Robotics), Germany
- 2019: Authorised Solution Provider for KUKA Robot Automation
- 2018: System Integration Partner OMRON Malaysia
- 2016: MARTRADE Mid-Tier Development Program (Wave 2) – Malaysia External Trade Development Corporation
- 2009: Authorised Channel Partner Robotics – ABB Malaysia





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Fax: +603-3123 1080

Email: my.enquiry@veprogroup.com / my.admin@veprogroup.com /

cschu@veprogroup.com

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Rombo VIZION, a Precision Flood Prediction Ecosystem using IoT technology to predict flooding before it occurs.

VERA REAL: SMART CLIMATE SOLUTIONS & PREDICTIVE TECH



Vera Real provides Real-Time Location Tracking and Internet of Things (IoT) solutions to people and businesses through innovative technologies.

VERA REAL SDN BHD has 25 years of accumulated experience and expertise in radio, wireless and information & communication technology, focusing on IoT, wireless networking as well as real-time tracking and monitoring.

INNOVATIVE PRODUCTS & SOLUTIONS

For consumers and businesses concerned with safety, monitoring and security issues, Vera Real carries multiple own products and solutions in addition to Trouver, a cross-platform where users can collaboratively track anyone, anything, anywhere and anytime with Wi-Fi and Bluetooth low energy beacons.

Its own Rombo GPS Tracker is a tiny GPS tracker and easy-to-use app that tracks anyone or anything in seconds. Just slip on or attach Rombo GPS Tracker to your loved ones or belongings and you can track their real-time locations on your smartphone.

ULTIMATE TRACKERS

Its trademarked Rombo NEXX is the ultimate GPS tracker that is packed with premium features yet is very small in size, making it easy to carry around.

In addition, the Rombo Hajj Traxx is the ultimate real-time location tracking solution for haj pilgrims. It's a high performance and highly scalable solution capable of tracking the locations of millions of haj pilgrims simultaneously.

And for those who drive, you will never lose your parking spot ever again. With Rombo MySPOT!, your parking spot is well secured and you can claim your rightfully parking lot with ease. Rombo MySPOT! enables you to take control and have peace of mind when you leave and return to your parking space.

DEVELOP YOUR OWN IOT APPS

Meanwhile, the highly flexible Rombo IoT Smart Ecosystem (RISE) is an open platform designed to help any business rapidly and easily develop its own IoT

applications. There is also the Rombo IPC Smart Water Meter for residential and business water usage management using the Rombo RISE solution.

FLOOD PREDICTION

Another product is the Rombo VIZION, Vera Real's **Precision Flood Prediction** Ecosystem using IoT technology to predict flooding before it occurs.

INTERNATIONAL CLIENTS

Vera Real's client includes Tech Target Computing (products: Smart Community Alerting System, Precision Flood Prediction Ecosystem, located in Australia. Its customers in the pipeline include NKRES2 International in Myanmar (IoT Smart Consultancy – 02 Prediction System) and Arcitexcom Consultancy in the UK (IoT Media Ads On Black Taxi, IoT Hardware).

REDUCING IMPLEMENTATION COSTS

Vera Real's IoT solutions are highly customisable to fit clients' business requirements. It assesses opportunities to use the individual business' infrastructure for integrating IoT solutions, thereby reducing implementation costs.

It also provides IoT solutions as a service, capable of running solutions for businesses by hosting solutions in the cloud, thus enabling improved monitoring of service quality and identifying improvement opportunities.

> Such projects include assets monitoring using the Rombo IoT System, and tracking and monitoring systems for wildlife operations.

> > You'll never lose your parking spot again with this easy to install device.

Achievements & Gertifications

- Vera Real has registered its trademark Rombo under Intellectual Property Corporation of Malaysia
- Vera Real has also registered as an Australian legal business entity under the **Australian Securities and Investments** Commission (ASIC)
- Rombo NEXX portable GPS tracking device conforms to the Malaysian Communications and Multimedia Commission (MCMC) MTSFB TC T007:2014, MCMC WTS GSM-MT and MCMC WTS IMT-MT standards



VERA REAL SDN BHD

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Contact: Mr Mohamad Hanif Abu Bakar (CEO)

Website: www.vr.com.my

LIST OF PREVIOUSLY FEATURED COMPANIES

This Segment Lists Previously Featured Companies that Offer ICT & Digitalisation Related Products & Services.



BULK AND FLUIDS ENGINEERING SDN BHD

Bulk & Fluids Engineering values efficiency and innovation. Their Industry 4.0-proficient system, the Batching and Blending System for Packaging Line and Conveying System, is able to capture and transmit real-time data, plot data into client's ERP and utilised for production planning.

EFM Issue#001

CYTRON TECHNOLOGIES SDN BHD

Cytron Technologies has design and developed over 100+ products ranging from Motor Drivers, Sensors and Robot Controllers, to various kinds of Shields and HATS. Cytron's signature product, the Motor Driver series, is worldrenowned and ranked as the top-selling motor driver at a global leading robot marketplace.

EFM Issue#001

DF AUTOMATION & ROBOTICS SDN

DF Automation prides itself as being a key player in the field of automation and robotics in the region, and specialises in designing, manufacturing, marketing and consistently improving Automated Guided Vehicle (AGV) systems for a wide range of industrial and commercial use.

EFM Issue#001

ELLIANCE SDN BHD

Elliance, one of the leading Industry 4.0 Consultancy and Solutions providers in the region, provides a range of offerings including IoT Cloud-Based SCADA, INFINITEbox, Kontron Embedded Solutions and SECS/GEM M2M Communication Solution.

EFM Issue#001

EXCLUSIVE MASTER (M) SDN BHD

Exclusive Master is proficient in providing dedicated precision automation solutions and recognised standard equipment solutions for Semiconductor and Electronics Automotive, Medical, F&B and various other industries.

EFM Issue#001

FUSIONEX GROUP

FUSIONEX is an established data technology provider catering to Big Data Analytics; app and device management; analytics and reporting; planning, communication, and transaction management; and Cloud services.

EFM Issue#001

MAWEA INDUSTRIES SDN BHD

MAWEA Industries prized Product Lifecycle Management (PLM) ecosystem allows for constant monitoring and iterations within the company to fulfill the need for lifecycle management. They provide best-in-class product development software applications.

EFM Issue#001

PACKAGING SALES & SERVICES (M) SDN BHD (PSS)

Packaging Sales & Services analyses customers' existing machines and offers recommendations to future proof their customers by way of installing IoTready components. It provides turnkey solutions for the production line, sales of packaging systems and integrations, and is entirely automated from packing to tracking.

EFM Issue#001

PENCHEM TECHNOLOGIES SDN BHD

Penchem Technologies designs and manufactures innovative advanced solutions for the electronic and automotive industries. Their top-tier electronic products boast eclectic features such as being thermally conductive, strong adhesion, and optimised for high speeds.

EFM Issue#001

PENTAMASTER CORPORATION **BERHAD**

Pentamaster Corporation offers integrated solutions to various industries, ranging from pharmaceutical to semiconductors and consumer goods. Their extensive use of robotics and automation such as (i-ARMS), puts them in a favourable position with customers.

EFM Issue#001

SOPHIC AUTOMATION SDN BHD

Leveraging Industry 4.0 technologies, Sophic Automation has created something of their own in the form of Tofi Bridge, Mobilert and an end to end asset monitoring system, among other products and services.

EFM Issue#001

SETSU PRECISION TECHNOLOGY (M) SDN BHD

Setsu Precision Technology keeps abreast with Industry 4.0 technology and implements ERP from PO to shipping. It provides the Machine Builders, Equipment Builders and engineers with top-notch plastics such as PVDF, PI and PAI.

EFM Issue#001

VITROX CORPORATION BERHAD

VITROX core business is in designing and manufacturing automated vision inspection equipment, as well as systemon-chip embedded electronics devices. Since its inception in 2000, their main products such as Machine Vision System (MVS), Automated Board Inspection (ABI) and Electronics Communication System (ECS) have helped the semiconductor and electronics packaging industries.

EFM Issue#001

GREEN QUARTER SDN BHD

Green Quarter specialises in green building design and engineering. It

conducts simulation modelling using innovative simulation engines and advanced technical tools such as energy modelling software to help its clients optimise energy consumption in their buildings and achieve long-term financial savings.

EFM Issue#002

PROEIGHT SDN BHD

ProEight is an expert in manufacturing mechanical seals and related technologies, with substantial advancements in terms of R&D and innovation. The forerunners of ProEights products are its mechanical seals - a sealing device which is used to control the leakage between rotating and stationary parts.

EFM Issue#002

MIT INNOVATION SDN BHD

MIT Technologies designs and manufactures a portfolio of proprietary leading-edge oilfield products at the forefront of global drilling, completion, and production technology, all focused on reducing the time taken and increasing returns.

EFM Issue#002

DREAMEDGE SDN BHD

DreamEDGE is one of Malaysia's premier engineering services providers. It offers value-added digital engineering services to clients across industry verticals such as automotive, heavy industries, rail, electronics, energy, defence, precision equipment and tooling design.

EFM Issue#004

DVIATION GROUP

Dviation is a specialist in providing turnkey solutions for airlines and aviation organisations. Since its inception, the company has now expanded to provide five main services, namely, technical training, aircraft maintenance, recruitment, Fleet Technical Management (FTM)/ Continuing Airworthiness Management Organisation (CAMO), and aviation consultancy.

EFM Issue#004

INGRESS INDUSTRIAL (MALAYSIA) SDN BHD

An ASEAN automotive component manufacturer with global reach, Ingress Industrial (Malaysia) Sdn Bhd's stateof-the-art manufacturing technologies in roll forming, joining, bending, hydroforming, stamping, fine blanking and welded assembly have enabled the company to produce the complete range of components. Ingress has also embarked on providing an industrial solution towards Industry 4.0.

EFM Issue#004

STRAND AEROSPACE MALAYSIA SDN **BHD**

Strand Aerospace Malaysia is an engineering and technology company, specialising in providing highvalue design and analysis services for aerospace. It is also involved in consulting services for the Malaysian aerospace supply chain and providing tailored solutions using big data and the Internet of Things (IoT) across different industries.

EFM Issue#004

TERAS TEKNOLOGI SDN BHD

TERAS Enterprise Business Solution and services are on-demand which give enterprises a competitive edge by providing the most innovative technology available with near realtime visibility of transactions. The evolution from the current clientserver to 'Serverless' approach takes advantage of cloud capability to support the Internet of Things (IoT), Machine Learning (ML), Artificial Intelligence (AI), Video Analytics and Dashboard Analytics Reporting.

EFM Issue#004

UEM EDGENTA BERHAD

UEM Edgenta is an Asset Management and Infrastructure Solutions company in the region. Its Road Asset Management System (RAMS) is currently being used to monitor all UEM Edgenta managed highways and roads in Malaysia totalling nearly 3,100km – on a real-time basis.

EFM Issue#006

GALACTIC ADVANCE ENGINEERING (M) SDN BHD

Galactic Advance Engineering is a leading systems integrator and systems solutions provider in the field of industrial automation. Its GENiE Smart Factory has the capability of predictive maintenance using Artificial Intelligence (AI), thus preparing you well in advance before any unexpected failure takes place. Also, its SAM Smart Maintenance is a digital maintenance solution that will streamline your work order tracking process & optimise the health of all your assets.

EFM Issue#008

SERBA DINAMIK HOLDINGS BERHAD

Serba Dinamik is an international energy services group of companies that provide total engineering solutions to Oil & Gas industries, water & wastewater treatment, utilities and Tech & IT solutions as well as education & training. Its multi-disciplinary Engineering, Procurement, Construction and Commissioning (EPCC) is enabled through ICT services, AI systems, inhouse information technology and innovation hub infrastructures that

allow for fast, cost-effective project management delivered according to the highest quality standards.

EFM Issue#008

TXMR SDN BHD

TXMR Provides a complete engineering solution utilising smart automation and robotic solutions. It offers Mechanical and Automation Engineering Design; Simulation; Engineering, Procurement, Construction and Commissioning (EPCC); Automation and Robotics Projects; Engineering and Fabrication (tools, jigs and fixtures, dollies, trolleys, rackings); and R&D.

EFM Issue#008

SERUNAI COMMERCE SDN BHD

Serunai Commerce develops a comprehensive digital halal ecosystem to enhance the global halal marketplace's connectivity and transparency. Some of its products include the Global Repository for Halal Goods and Services (GHDP™); Verify Halal™ app, global Halal Search Engine; Halal Digital Chain (HADIC™), an integrated and secure digital Halal ecosystem secured by blockchain technology to connect components throughout the Halal value chain.

EFM Issue#009

TRILI MAJU SDN BHD

Trili Maju is an Intermodal Multi-Discipline company. Its services include Digitalization 4wrd Platform Services - an Industry 4.0 initiative, Intermodal Terminal Container Handling & EMR Full Board Services, Reefer Integrated Solutions (Centre of Excellence), Diversified Container Hub @ Penang Port, Halal Container Services, Mobile & Modular Warehouse @ Penang Port FCZ and Railing.

EFM Issue#009



Secure Your Wins in Resilient Malaysia







EXPORT PROMOTION 2022 PROGRAMMES 2022 MATRADE



No	Programme	Date	Location	Contact Person	Tel 03 - 6207 xxxx	Email <i>@matrade.gov.my</i>
AERO	SPACE				OU OLOT KKKK	- Cinatian Govern
1.	National Pavilion at Farnborough International Airshow	16 - 22 Jul	Farnborough, United Kingdom	Mohd Shahrolnizam Mohd Shah	7533	shahrolnizam
2.	National Pavilion at Aeromart Toulouse	29 Nov - 1 Dec	Toulouse, France	Mohd Shahrolnizam Mohd Shah	7533	shahrolnizam
BUILI	DING MATERIALS					
3.	National Pavilion at Megabuild Indonesia	17 - 20 Mar	Jakarta, Indonesia	Mohd Saiful Arifin Rostam	7261	mohdsaiful
4.	National Pavilion at Mosbuild	29 Mar - 1 Apr	Moscow, Russian Federation	Nur Fatihah Anis Azaman	7260	fatihah
5.	National Pavilion at Kazbuild	7 - 9 Sep	Almaty, Kazakhstan	Rahmatul Naain Mohd Ruslan	7655	naain
6.	National Pavilion at Big 5 Dubai	5 - 8 Dec	Dubai, UAE	Mohd Saiful Arifin Rostam	7261	mohdsaiful
7.	National Pavilion at ACETECH Mumbai	10 -13 Nov	Mumbai, India	Nur Nadia Naim	7264	nadia
CHEN	NICALS & CHEMICAL PRODUCTS					
8.	National Pavilion at K Fair	19 - 26 Oct	Dusseldorf, Germany	Muhammad Hussein Abdullah	7255	hussein
ELEC	TRICAL & ELECTRONICS					
9.	International Sourcing Programme in conjunction with SEMICON Southeast Asia	21 - 23 Jun	Kuala Lumpur, Malaysia	Abdul Halim Mustafa	7506	a.halim
10.	National Pavilion at SEMICON West	12 - 14 Jul	San Francisco, USA	Farhana Kamaruddin	7505	farhana
HALA	L AND FOOD & BEVERAGE					
11.	National Pavilion at Gulfood	13 - 17 Feb	Dubai, UAE	Mohamad Termizi Piee	7266	termizi
12.	National Pavilion at Foodex	8 - 11 Mar	Tokyo, Japan	Harulnizam Kassim	7265	nizam
13.	National Pavilion at Finefood Australia	5 - 8 Sep	Melbourne, Australia	Harulnizam Kassim	7265	nizam
14.	Malaysia International Halal Showcase (MIHAS)	7 - 9 Sep	Kuala Lumpur, Malaysia	Nurul Huda Kamarul Baharin	7248	huda
15.	National Pavilion at SIAL Paris	15 - 19 Oct	Paris, France	Nuryati Idzfa Zakaria	7246	nuryati
16.	National Pavilion at Fi Europe	6 - 8 Dec	Paris, France	Nurul Huda Kamarul Baharin	7248	huda
GREE	N TECHNOLOGY					
17.	International Sourcing Programme in conjunction with International Greentech and Eco Products Exhibition & Conference Malaysia (IGEM)	Oct	Kuala Lumpur, Malaysia	Hadzizi Noor Shahidan	7253	hadzizi
18.	Export Acceleration Mission in conjunction with International Biomass Expo Osaka	Nov	Osaka, Japan	Nurul Farhana Mustafa Kamal	7256	nurulfarhana
	TYLE (FURNITURE, FASHION & COSMETICS)	1404	ooana, oapan		, 200	
19.	International Sourcing Programme in conjunction with EFE & MIFF	9 - 12 Mar	Kuala Lumpur, Malaysia	Noor Shakinah Bidin	7112	shakinah
20.	Export Acceleration Mission in conjunction with Pure London	17 - 19 Jul	London, United Kingdom	Azlina Che Dir	7111	azlina.cd
21.	National Pavilion at High Point Market	14 - 18 Oct	North Carolina, USA	Noor Shakinah Bidin	7112	shakinah
22.	Export Acceleration Mission on Cosmetics in conjunction with Cosmoprof Asia	16 - 18 Nov	Wan Chai, Hong Kong	Azlina Che Dir	7111	azlina.cd
	HINERY					
23.	National Pavilion at Industrial Transformation Asia Pacific (ITAP)	19 - 21 Oct	Changi, Singapore	Tengku Nural Tengku Asri	7510	nural
MEDI	CAL & HEALTHCARE					
24.	National Pavilion at Arab Health	24 - 27 Jan	Dubai, UAE	Mohd Shafiq Nasarudin	7110	shafiq
25.	International Sourcing Programme in conjunction with APHM International Healthcare	31 May - 2 Jun	Kuala Lumpur, Malaysia	Mohd Shafig Nasarudin	7110	shafiq
25.	Conference & Exhibition	31 Way - 2 Juli	Kuaia Lumpui, iviaiaysia	·	7110	Silaliy
26.	National Pavilion at Medical Fair Asia	31 Aug - 2 Sep	Singapore	Ahmad Nazriq Shafaf Ahmad Nazimuddin	7109	nazriq
MIXE	D					
27.	International Sourcing Programme Europe for Premium Buyers	1 Apr - 31 Dec	Kuala Lumpur, Malaysia	Mohd Amsyari Yahya	7682	amsyari
28.	International Sourcing Programme Americas for Premium Buyers	1 Apr - 31 Dec	Kuala Lumpur, Malaysia	Muhammad Amin Amirul	7685	aminamirul
	,	·		Zaman		
29.	National Pavilion at China-South Asia Expo	12 - 18 Jun	Yunnan, China	Hon Jia Xin	7234	jia
30.	Export Acceleration Mission to Almaty & Tashkent	Jun	Almaty, Kazakhstan & Tashkent, Uzbekistan	Rahmatul Naain Mohd Ruslan	7655	naain
31.	Export Acceleration Mission to Phnom Penh	19 - 21 Jul	Phonm Penh, Cambodia	Yazrin Syakhairi Mahlan	7229	yazrin
32.	Export Acceleration Mission on Cross Border e-Commerce to Jakarta	16 - 18 Aug	Jakarta, Indonesia	Mohd Firdaus Mohammad	7228	firdaus
	'		Kolkata, India &	Muhammad Syafiq Muhammad		
33.	Export Acceleration Mission to Kolkata & Dhaka	Aug	Dhaka, Bangladesh	Salim	7115	syafiq.salim
34.	Export Acceleration Mission on Malaysia Capabilities in Modern Trade on ICT Services, Lifestyle and F&B to Yangon	7 - 9 Sep	Yangon, Myanmar	Mohd Zahiruddin Nordin	7224	zahir
35.	National Pavilion at China ASEAN Expo (CAEXPO)	10 - 13 Sep	Nanning, China	Hon Jia Xin	7234	jia
36.	Export Acceleration Mission to Batam, Kepulauan Riau	27 - 29 Sep	Batam, Indonesia	Mohd Firdaus Mohammad	7234	firdaus
37.	Export Acceleration Mission to Manila	27 - 29 Sep 25 - 27 Oct	Manila, Philippines	Jekatheesh Menon Narayinan	7226	jekatheesh
	'		Doha, Qatar &			,
38.	Export Acceleration Mission to Doha & Kuwait City	Oct	Kuwait City, Kuwait	Haslinda Hassan	7104	haslinda.h
39.	National Pavilion at China International Import Expo (CIIE)	5 - 10 Nov	Shanghai, China	Yeow Chin Chin	7231	chin
40.	Export Acceleration Mission to Accra in conjunction with Ghana International Trade Fair &	tbc	Accra, Ghana &	Nurfatin Amirah Azmi	7103	nurfatin
OIL &	Durban GAS		Durban, South Africa			
41.	National Pavilion at Oil & Gas Myanmar	18 - 19 Mar	Yangon, Myanmar	Hadzizi Noor Shahidan	7253	hadzizi
41.	Transfer a vision at on a das myanina	10 10 IVIAI	rangon, myaninai	HAGELEI WOOL OHAHIUAH	1200	Παυζίζι
42.	International Sourcing Programme in conjunction with Malaysia Oil & Gas Services	13 - 15 Sep	Kuala Lumpur, Malaysia	Mohd Nadzri Saadon	7264	mnadzri
	Exhibition and Conference (MOGSEC) for Premium Buyers	- 1				
43.	National Pavilion at Abu Dhabi International Petroleum Exhibition & Conference (ADIPEC)	7 - 10 Nov	Abu Dhabi, UAE	Irvin Francis	7254	irvin
SERV	ICES (ICT, PROF. SERV, MRO, SHIP BUILDING & SHIP REPAIR)					
44.	National Pavilion at Transport Logistics China	15 - 17 Jun	Shanghai, China	Mohamad Nazirul Iman	7546	nazirul
			<u> </u>	Mohamad Akbar		
45.	National Pavilion at Mobile World Congress	29 Jun - 1 Jul	Shanghai, China	Tusilah Asari	7503	tusilah
46.	National Pavilion at Tokyo Game Show	15 - 18 Sep	Chiba, Japan	Tusilah Asari	7503	tusilah
47.	National Pavilion at Aviation Week MRO Asia Pacific	20 - 22 Sep	Singapore	Mohd Shahrolnizam Mohd Shah Azrul Ezwan Ahmad Zaini	7533	shahrolnizam
48.	Export Acceleration Mission on Professional Services to Jakarta Export Acceleration Mission on Professional Services to Suva	Oct 8 -10 Nov	Jakarta, Indonesia Suva, Fiji	Syed Sahibul Syed Abdul Hamid	7262 7263	azrul sahibul
_ 10		. 0 - 111 0000	DUVA FIII	Loven Samon Sven Abdill Hamid	1/03	Samoui
49. 50.	Export Acceleration Mission on Maritime Industry to Dubai	Oct	Dubai, UAE	Nurul Shafiqah Mohd Inderam	7542	shafiqah

