



intelligent manufacturing

KUALA LUMPUR

10 – 12.7.2024

Kuala Lumpur Convention Centre
(KLCC), Malaysia

SHRDC

Conference
co-organiser

Event Guide

Towards net-zero:
The digital transition
for sustainable
manufacturing

www.myintelligentmanufacturing.com

messe frankfurt





Towards net-zero: The digital transition for sustainable manufacturing

Background

The New Industrial Master Plan 2030 (NIMP 2030) is introduced by the Malaysian government in September 2023. It is a forward-looking policy framework aimed at bolstering the technological capabilities of Malaysia's manufacturing sector, targeted not only at large multinational corporations but also at Small and Medium Enterprises (SMEs). Its overarching goal is to align the sector with the nation's ambitious net-zero emissions target by 2050.

The plan emphasizes the adoption of smart manufacturing techniques, automation, and digitalisation within the manufacturing industry, targeting at an ambitious goal of transforming 3,000 factories into smart factories by 2030. In addition, it introduces a new set of Environmental, Social, and Governance (ESG) reporting guidelines. These guidelines align with global standards and encourage businesses to measure and disclose their sustainability performance.

In light of the NIMP 2030, the Intelligent Manufacturing Kuala Lumpur event brings together industry leaders, global institutions, key manufacturers, solution providers, and government agencies. The event aims to facilitate discussions on the latest trends and the journey of technology adoption. It underscores the importance of applying advanced technology to factories while tailoring these trends to fit the unique manufacturing capabilities of the ASEAN region.

DIGITALISE YOUR FACTORY WITH US

Event formats



Two-day Conference



Tech Lab*



Product Showcases

*in depth introductions of product showcases

Key figures from 2023



2,299
visits



243 conference attendees,
53% from managerial level or above



29 speakers from nine countries and regions
(China, Germany, Japan, Malaysia, Mexico, Singapore, Switzerland, Taiwan and the US)



30
conference sessions



12 product showcases from six countries and regions
(China, Germany, Japan, Malaysia, Singapore and the US)

WELCOME MESSAGE

Distinguished Guests, Ladies and Gentlemen,

It is a pleasure to welcome you to Intelligent Manufacturing Kuala Lumpur 2024. Returning to the Kuala Lumpur Convention Centre for its second edition, this conference-led event continues to empower manufacturing firms across the ASEAN and beyond with the insights needed to achieve digital transformation.

Malaysia, along with the wider ASEAN region, is quickly emerging as a preferred destination among international companies seeking to expand their production base. With these developments come heightened expectations for domestic manufacturers. Intelligent Manufacturing Kuala Lumpur helps to facilitate this development, channelling global expertise into local industry and aligning domestic standards with global benchmarks.

This year, sustainability leads the agenda. As countries worldwide commit to net-zero targets, manufacturers are increasingly turning to digital technologies for solutions. The 2024 edition addresses these changing industry priorities through its theme, "Towards net-zero: the digital transition for sustainable manufacturing", bringing together a line-up of 24 speakers from 10 countries and regions to explore how digital transformation can drive sustainable manufacturing.

At the heart of the event is its two-day conference, which this year features four tracks centred around sustainability, operational technologies such as AI and robotics, new business models in manufacturing, and case studies of successful digitalisation. Blending academic and industry expertise, these sessions will illuminate how leading companies are integrating these cutting-edge technologies into their operations.

Complementing the main conference, Intelligent Manufacturing Kuala Lumpur incorporates a range of additional event formats designed to deepen attendees' knowledge of these subjects. In the Product Showcase area, participants can interact directly with leading global manufacturers and experience the latest technologies first-hand. Additionally, the event's Tech Lab sessions feature detailed product demonstrations alongside expert-led discussions on their practical implementation.

I invite everyone to thoroughly explore all aspects of the programme. Engage with the speakers, immerse yourself in the product showcases and dive into the Tech Lab sessions. Each part of the event offers unique insights, so I hope you will take full advantage of everything on offer.

My gratitude goes out to our conference co-organiser, the Selangor Human Resource Development Centre (SHRDC), as well as to the advisory committee for their tireless dedication to the success of this event. I also extend my sincerest thanks to our sponsors and speakers for their valuable contributions.

Finally, to all participants joining us, I hope you depart with fresh insights and inspiration on your journey toward smart and sustainable manufacturing!

Fiona Chiew

General Manager, Messe Frankfurt (HK) Ltd

Organiser



Conference co-organiser



Advisory committee

Dr Chua Wen-Shyan,
Head of Malaysian Smart Factory 4.0,
Selangor Human Resource Development Centre (SHRDC)

Dr Ing Dominic Gorecky, Head of Swiss Smart Factory &
Swiss Health Tech Center, Partner, Executive Board Member,
Switzerland Innovation Park Biel / Bienne AG

Prof Dr David Romero, Scientific Vice-Chairman, World Manufacturing Foundation
and Professor of Advanced Manufacturing, Tecnológico de Monterrey, Mexico

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Intelligent **M**anufacturing **E**xhibition

Booth no. 7A08
Beside Networking Area



HYDRA X

 **FEDRA**

Catch us at **The Conference!**

11 July 2024, 2.30pm

Meet with the MPDV Experts:

The Digital Alchemy of Smart Factories -

Transforming Production Data into Competitive Advantage



CONFERENCE DAY 1, 10 JULY 2024 (WEDNESDAY)

09:15 - 09:30 Opening Remark

The Digital Transition to Smart and Sustainable Manufacturing

09:30 - 10:00 **Navigating the Digital Shift Towards a Smart and Sustainable Factory**

Martin will focus on the digital transformation in a manufacturing environment with the objective to drive a twin transformation, achieving with digitization a higher performance and as well improving the sustainability.

Martin Schiesser,

Senior Partner at Detecon (Schweiz) AG,
Head Manufacturing Industries

10:00 - 10:30 **The Sustainability Blueprint: Start, Scale, and Sustain Your Net-Zero (SME) / ESG (MNC) Journey**

Raimund will share on the status and future outlook of smart factories around the world, focusing on digital innovation and efficiency.

Raimund Klein,

Founder and Chief Executive Officer,
International Centre for Industrial
Transformation (INCIT)

10:30 - 11:00 **Integrating a Practical Digital Transformation Roadmap towards a Smart Factory**

Vasilis Karamalegos

CEO and Co-Founder,
SmarterChains

~ COFFEE BREAK ~

11:15 - 11:45 **Navigating Global ESG Regulations: Impact and Strategies for Manufacturers**

A deep dive into how global ESG regulations impact manufacturers regardless their location, and will present strategic approaches to address these challenges effectively for business sustainability and growth.

Edison Choong,

Head of ESG unit,
Malaysia External Trade Development
Corporation (MATRADE)

11:45 - 12:15 **Real-world Applications on Leveraging Digitalisation for Sustainable Manufacturing**

Sharing practical examples of how digitalisation and intelligent manufacturing practices contribute towards achieving sustainable manufacturing and the goal of Net Zero.

Michael Chang,

Founder and CEO,
Synergies Intelligent Systems

12:15 - 13:00 **Panel discussion: Sustainability VS Profitability - How to implement sustainable manufacturing while maintaining ROI?**

The coexistence of sustainability and profitability is always a hot topic for discussion when manufacturers embark on their digital transformation. During this panel session, international experts will gather to share their thoughts and tips on maintaining a delicate balance between the two.

Moderator: **Prof Dr David Romero**

Scientific Vice-Chairman, World
Manufacturing Foundation and Professor of
Advanced Manufacturing, Tecnológico de
Monterrey, Mexico

Speaker: **Martin Schiesser,**

Senior Partner at Detecon (Schweiz) AG,
Head Manufacturing Industries

Michael Chang,

Founder and CEO,
Synergies Intelligent Systems

Edison Choong,

Head of ESG unit,
Malaysia External Trade Development
Corporation (MATRADE)

Ravenna Chen,

CEO of TusStar APAC, TusStar

~ LUNCH BREAK ~

*Updated as of 4 Jul 2024. The conference schedule and speaker is subject to changes.



Online version

CONFERENCE DAY 1, 10 JULY 2024 (WEDNESDAY)

Harnessing the Power of AI, Robotics, and other Operational Technologies for Competitiveness

14:00 - 14:30	Is Digital Twin Technology a Reality for Manufacturers? Mr Balasubramaniam will explain how digital twin technology can be adopted in manufacturing processes, and will showcase how the fusion of digital twins, robots, and AI is driving efficiency, sustainability, and innovation in the manufacturing sector.	Mahadevan Balasubramaniam, Head of Business Development & Government Affairs, CEO Office, Siemens Malaysia
14:30 - 15:00	Optimum Condition Monitoring: Leveraging on Cloud Data Analytics This session will address the data goldmine that manufacturers already have in their factories but are under-utilizing due to poor extraction and analysis. Optimum condition monitoring encourages the use of your data to improve operational capabilities in multi-folds. A simple to execute and manage solution that looks at existing gaps in the production system and automates responses and solutions to reduce wastage and optimise resources.	Sakthivel Narayanasamy, Chief Executive Officer, Quantum Computing (M) Sdn Bhd
15:00 - 15:30	The Role of Generative AI in Shaping Industry 4.0 Workforces This session will describe how generative AI is setting the stage for a new era in factory digitalisation and workforce development, detailing its practical applications and benefits based on real-world examples in manufacturing industries.	Rodrigo Nader, Founder and CEO, Langflow
~ COFFEE BREAK ~		
15:45 - 16:10	Humanoid Horizons: The Future of Cobotic Integration in Switzerland's Production Sectors Dr Gorecky will provide a visionary exploration of how humanoid robots and humans can collaborate more closely in production sectors, enhancing efficiency and innovation through cobotic integration.	Dr Ing Dominic Gorecky, Head of Swiss Smart Factory & Swiss Health Tech Center, Partner, Executive Board Member, Switzerland, Innovation Park Biel/Bienne AG
16:10 - 16:35	Navigating the Digital Transformation Journey: The Timber Industry Voyage The session will share the voyage of the Finesse Moulding's digital transformation journey, covering crucial aspects like minimising disruption, managing complexity, optimising resources, and emphasising employee training for sustainable progress.	See Siou Bin, General Manager, Finesse Moulding (M) Sdn Bhd
16:35 - 17:20	Panel Discussion: Collaborative Intelligence and Workplace Transformation - How Organizations Can Achieve a Harmonious Balance Between AI, Robots, and Human Workers? Designing the factory of the future requires investigating different scenarios where AI, robots, and human workers collaborate to achieve more efficient work. During this panel session, international experts will analyse and discuss the role of AI and robots as augmenting and collaborative technologies supporting humans to do better and more man capabilities, the need for ongoing training, and the ethical considerations of deploying collaborative systems	Moderator: Dr Dominic Gorecky Head of Swiss Smart Factory & Swiss Health Tech Center, Partner, Executive Board Member, Switzerland, Innovation Park Biel/Bienne AG Speakers: Liang Kien Yew, Founder of Dallas Roboter Dr Chua Wen-Shyan, Head of Malaysian Smart Factory 4.0, Selangor Human Resource Development Centre (SHRDC) Calvin Woo, Director, Digital Transformation, Malaysia Centre4IR, MyDIGITAL Corporation, Ministry of Digital
17:20 - 17:30	Closing remark	

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Online version

CONFERENCE DAY 2, 11 JULY 2024 (THURSDAY)

Smartifying the ASEAN Industrial Base: Success Stories

09:15 - 09:30	Advancing Sustainable Manufacturing- Government Initiatives and Aspirations	YB Tuan Sikh Shamsul Ibrahim Sikh Abdul Majid, CEO, Malaysian Investment Development Authority (MIDA)
09:30 - 10:00	The Unified Namespace (UNS) to enable low-code digitalisation The Unified Namespace (UNS) simplifies automation by bridging the gap between various devices and applications. It offers a standardized way to access data, eliminating the need for complex protocol translations. Engineers can then utilize low-code platforms like Node-RED to visually design automation flows, easily connecting different components within the UNS. This streamlined approach allows engineers to quickly experiment, prototype, and implement automation solutions without extensive coding knowledge, saving time and resources.	Zeger-Jan van de Weg, CEO, Flowfuse
10:00 - 10:30	Digitalisation as a means to eliminate unplanned manufacturing downtime As we herald the new age of digitalisation and industry 4.0, companies are increasingly harnessing the power of such technological innovations to eliminate costly unplanned downtime in their manufacturing plants. In this session, Schaeffler will share how digitalisation and remote monitoring solutions can help factories run more efficiently, which ultimately also result in reduced carbon footprint.	Kelvin Chong, Country Manager, Schaeffler Malaysia
10:30 - 11:00	Leveraging Data Analytics, Artificial Intelligence and the Cloud for Manufacturing Excellence In the era of Industry 4.0, cloud computing, data analytics, and artificial intelligence are revolutionising manufacturing. This presentation will explore how digital transformation enables seamless data integration and scalability, while advanced data analytics and AI unlocks valuable insights from operational data. We will also delve into the transformative potential of generative AI in automating tasks and driving innovation. By harnessing the combined power of these technologies, manufacturers can unlock unprecedented levels of efficiency, productivity, and competitiveness.	Dr Bala Amavasai, Chief Technology Officer – Industry, Celebal Technologies
~ COFFEE BREAK ~		
11:15 - 11:45	Digitalisation Odyssey: A Roadmap to Smart and Sustainable Manufacturing Sharing from Steelcase Malaysia on how they started the Smart Manufacturing journey through the Digital Transformation Roadmap. It all began with a passion for operational excellence, and the introduction and application of emerging technologies and tools in the company. By adapting the concept of Training to Implement and focusing on talent development, the speaker will be sharing on various applications in Steelcase Malaysia from simple electronic forms to IIoT application, that forge a pathway in the transformation while overcoming challenges to maintain business growth in the plant.	Vincent Chong, Plant Manager, Steelcase Manufacturing (Malaysia) Sdn Bhd
11:45 - 12:15	Transformation to digitalisation with sustainability to serve and grow at manufacturing industry This session will cover the pivotal steps that Dunia Polymer took in their digital transformation journey, sharing the essential managerial strategies and practices to achieve digital success.	Jenny Lee, Marketing Manager and Chua Yun Chin, Automation Manager, Dunia Polymer Extrusion Sdn Bhd
12:15 - 13:00	Panel discussion: Decoding Digital Success - What Constitutes a Successful Digital Transformation? Designing a path to digital success requires learning from the best practices and common mistakes of those early technology adopters known as "Digital Pioneers". During this panel session, technology vendors and technology users will reflect on their digital transformation journeys.	Moderator: Dr Chua Wen-Shyan Head of Malaysian Smart Factory 4.0, Selangor Human Resource Development Centre (SHRDC) Speaker: Vincent Chong, Plant Manager, Steelcase Manufacturing (Malaysia) Sdn Bhd Kasey Leong, Chief Eating Officer (CEO), Markaids (Malaysia) Sdn Bhd Kelvin Chong, Country Manager, Schaeffler Malaysia Jenny Lee, Marketing Manager, Dunia Polymer Extrusion Sdn Bhd

~ LUNCH BREAK~

*Updated as of 11 Jul 2024. The conference schedule and speaker is subject to changes.



Online version

CONFERENCE DAY 2, 11 JULY 2024 (THURSDAY)

New Manufacturing Business Models

14:00 - 14:30	New Business Models for the Manufacturing of the Future Prof Dr Romero will share how in response to the dynamic economic landscape, the manufacturing sector should actively adopt novel business models to enhance its resilience and sustainability to thrive on a global scale.	Prof Dr David Romero, Scientific Vice-Chairman, World Manufacturing Foundation and Professor of Advanced Manufacturing, Tecnológico de Monterrey, Mexico
14:30 - 15:00	The Digital Alchemy of Smart Factories: Transforming Production Data into Competitive Advantage In this session, MPDV will discuss how intelligent information management within the smart factory ecosystem can serve as a pivotal competitive advantage for manufacturing organisations. By exploring the integration of smart factory elements, this talk aims to illuminate pathways for manufacturers seeking to enhance operational efficiency and market responsiveness.	Daniel Ong, Chief Sales Officer, MPDV Malaysia Sdn Bhd
15:00 - 15:30	Digitally Transforming and Reshaping Supply Chains to meet Modern Day Demands This session will explore the need for the seamless digital integration of supply chains, highlighting the importance of collaboration between suppliers and original equipment manufacturers as their supply chains embark on their digital transformation journeys to develop digital and analytical capabilities for competitiveness.	Daphne Tan, Lead Solutions Consultant and Brandon Sia, Channel Business Development Manager SYSPRO Software Malaysia Sdn Bhd

~ COFFEE BREAK ~

15:45 - 16:10	Digital Transformation Towards a Smart Factory: KPIs and Metrics to Track the Journey Raimund will offer a set of tools to measure progress, ensure traceability, and guide strategic decision-making in a digital transformation journey towards smart factory development.	Raimund Klein, Founder and Chief Executive Officer, International Centre for Industrial Transformation (INCIT)
16:10 - 16:30	Innovative Product Development and Digitalisation for Business Model Innovation Mr Leong will present the success story of Markaids' business model innovation through new product development and digital operations strategies, leading the company to thrive in addressing the emerging market demands.	Kasey Leong, Chief Eating Officer (CEO), Markaids (Malaysia) Sdn Bhd
16:30 - 17:15	Panel Discussion: Intelligent Manufacturing - Where We Stand and What Lies Ahead? This closing panel session will invite eminent speakers to share their perspectives on the current state of the ASEAN manufacturing sector's digital transformation and its forthcoming challenges, offering a forward-looking view on how to overcome obstacles and leverage opportunities for those emerging smart factories contributing to the competitiveness of the region.	Moderator: Dr Ong Kian-Ming, Pro Vice-Chancellor of External Engagement, Taylor's University Speakers: Prof Dr David Romero, Scientific Vice-Chairman, World Manufacturing Foundation and Professor of Advanced Manufacturing, Tecnológico de Monterrey, Mexico Raimund Klein, Founder and Chief Executive Officer, International Centre for Industrial Transformation (INCIT) Dr Ing Dominic Gorecky, Head of Swiss Smart Factory & Swiss Health Tech Center, Partner, Executive Board Member, Switzerland, Innovation Park Biel/Bienne AG Dr Chua Wen-Shyan, Head of Malaysian Smart Factory 4.0, Selangor Human Resource Development Centre (SHRDC)
17:15 - 17:20	Closing remark	

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Dr Bala Amavasai
Chief Technology Officer – Industry,
Celebal Technologies



Brandon Sia
Channel Business Development Manager,
SYSPRO Software Malaysia Sdn Bhd



Calvin Woo
Director- Digital Transformation,
Malaysia Centre for Fourth Industrial Revolution,
MyDIGITAL Corporation



Dr Chua Wen-Shyan
Head of Malaysian Smart Factory 4.0,
Selangor Human Resource
Development Centre (SHRDC)



Chua Yun Chin
Automation Manager,
Dunia Polymer Extrusion Sdn Bhd



Daniel Ong
Chief Sales Officer,
MPDV Malaysia Sdn Bhd



Daphne Tan
Lead Solutions Consultant,
SYSPRO Software Malaysia Sdn Bhd



Prof Dr David Romero
Scientific Vice-Chairman,
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Edison Choong
Head of ESG unit,
Malaysia External Trade Development
Corporation (MATRADE)



Dr Ing Dominic Gorecky
Head of Swiss Smart Factory &
Swiss Health Tech Center, Partner,
Executive Board Member, Switzerland,
Innovation Park Biel/Bienne AG



Jenny Lee
Marketing Manager,
Dunia Polymer Extrusion Sdn Bhd



Kasey Leong
Chief Eating Officer (CEO),
Markaids (Malaysia) Sdn Bhd



Kelvin Chong
Country Manager,
Schaeffler Malaysia



Liang Kien Yew
Founder,
Dallas Roboter





SIEMENS

Mahadevan Balasubramaniam

Head of Business Development & Government Affairs, CEO Office, Siemens Malaysia



DETECON
CONSULTING

Martin Schiesser

Senior Partner at Detecon (Schweiz) AG, Head Manufacturing Industries



SYNERGIES
Intelligent Systems

Dr Michael Chang

Founder and CEO, Synergies Intelligent Systems, Inc.



TAYLOR'S UNIVERSITY
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Prof Dr Ong Kian Ming

Pro Vice-Chancellor of External Engagement, Taylor's University



INCIT

Raimund Klein

Founder and CEO International Centre for Industrial Transformation (INCIT)



TusStar
启迪之星
MALAYSIA

Ravenna Chen

CEO of TusStar APAC TusStar



Langflow

Rodrigo Nader

Founder and CEO, Langflow



QUANTUM COMPUTING

Sakthivel Narayanasamy

Chief Executive Officer, Quantum Computing (M) Sdn Bhd



FINESSE MOULDING

See Siou Bin

General Manager, Finesse Moulding



SmarterChains

Vasilis Karamalegos

CEO and Co-Founder, SmarterChains



Steelcase

Vincent Chong

Plant Manager, Steelcase Manufacturing (Malaysia) Sdn Bhd



FlowFuse

Zeger-Jan van de Weg

CEO, Flowfuse



Speakers profile

Company Name	Country	Booth No.
Advantech Co Malaysia Sdn Bhd	Taiwan	7D08
Automate Asia Magazine	Malaysia	7D05
Communication 21 Media Group Sdn Bhd (ASEAN Connect)	Singapore	7B08
CTI Resources Sdn Bhd	Malaysia	7A01
Cytron Technologies Sdn Bhd	Malaysia	7C05
FSBM MES Elite Sdn Bhd	Malaysia	7C08
IME Trading Sdn Bhd	Malaysia	7B02
IT Group Sdn Bhd	Philippines	7C07
Malaysian Green Technology and Climate Corporation (MGTC)	Malaysia	7D07
Malaysia Robotics and Automation Society (MyRAS)	Malaysia	7D04
MPDV Malaysia Sdn Bhd	Germany	7A08
Quantum Computing Sdn Bhd	United States	7D02
Roll Robotics Sdn Bhd	Malaysia	7A02
Selangor Human Resource Development Centre (SHRDC)	Malaysia	7A04
SmarterChains	Switzerland	SA03
SYSPRO Software Malaysia Sdn Bhd	Malaysia	7C01
Turck Banner Malaysia Sdn Bhd	United Kingdom	7C04
Universiti Kuala Lumpur	Malaysia	SA02
Vinga Software Solutions Private Limited (Bautomate)	India	7C02
Web Synergies (S) Pte Ltd	Singapore	SA01
YNY Technology Sdn Bhd	Malaysia	7B01



TECH LAB DAY 1, 10 JULY 2024 (WEDNESDAY)

10:00 - 11:00	Optimum Condition Metrics for Factories	Praveen Suthan, Systems Engineer. Quantum Computing (M) Sdn Bhd
11:00 - 12:00	Module Type Package (MTP) – Flexible Production for Changing Demands in Challenging Environments	See Kai Ang, Head of Vertical Sales, Siemens Malaysia
12:00 - 13:00	IIoT Made Easy	Kavinesh Mariappen, Solution Engineer, Turck Banner Malaysia Sdn Bhd
~ LUNCH BREAK~		
14:00 - 15:00	MES HYDRA X – Intelligent Shop Floor Execution, Machine Connectivity, Reporting & Control	Kyle Ong, Sales Manager, MPDV Malaysia Sdn Bhd
15:00 - 16:00	Smart Factory and Digital Twin Environment	Racheal Choo, Founder, Roll Robotics Sdn Bhd
16:00 - 17:00	Optimising Production Through Integrated Planning and Scheduling to QC Digitisation and Big Data Analytics	Wallace Ngan, Senior Solution Advisor Zulizah Basri, Senior Application Engineer IME Trading Sdn Bhd

TECH LAB DAY 2, 11 JULY 2024 (THURSDAY)

10:00 - 11:00	Discover the Potential of Raspberry Pi CM4 for IR4.0	Kong Wai Weng, Principal Engineer, Cytron Technologies Sdn Bhd
11:00 - 12:00	APS FEDRA – Intelligent Production Scheduling & Finite Capacity Planning with AI	Kyle Ong, Sales Manager, MPDV Malaysia Sdn Bhd
12:00 - 13:00	How to seamlessly begin machine data collection	Mr Zulfadli, Key Account Sales and Mr Halim, Assist. Manager of AE Advantech Co Malaysia Sdn Bhd
~ LUNCH BREAK~		
14:00 - 15:00	Your all-in-one digital solution, to monitor your diagnostic system’s health anytime, anywhere	Farmie Bin Haripapbilah Industrial Sector & Lifetime Solutions Manager, Schaeffler Malaysia
15:00 - 16:00	Maximizing Asset Lifecycles with Hexagon EAM: Comprehensive Solutions for Enhanced Productivity	Lee Cher Hau, Business Unit Head, YNY Technology Sdn Bhd
16:00 - 17:00	Dialogue on Node-RED in Manufacturing	Zeger-Jan van de Weg, CEO, Flowfuse

TECH LAB DAY 3, 12 JULY 2024 (FRIDAY)

10:00 - 11:00	IMKL Industrial-Academia Engagement Session	Hosted by: Dr Chua Wen-Shyan, Prof Dr David Romero, Dr Ing Dominic Gorecky
11:00 - 12:00	ESG workshop: Demystifying the alphabet soup in ESG	Dr Kevin Ho, ESG Compliance Manager, ESG Compliance Department, i-Chem Solution Sdn Bhd, Ordinary member of ESGAH
12:00 - 13:00	Unleashing the Digital Factory: How Cloud ERP Ignites Agility & Innovation in Manufacturing	Cheong Bee Yen, Principal Solution Consultant, Oracle NetSuite
~ LUNCH BREAK~		
14:00 - 15:00	Sustainability with Real-Time and Accurate Data Reporting, Monitoring & Traceability via Manufacturing Execution System (MES)	KK Pang, Executive Director, FSBM Mes Elite Sdn Bhd



*Updated as of 5 July 2024. The conference schedule and speaker is subject to changes.

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ANALYST REPORT

Smart Factory with IoT Integration

- Why there's pressure to adapt - Industrial manufacturers need to stay competitive by reacting to market innovations like AI, IoT and new models like servitisation.

How servitisation creates competitive advantage - Moving to a service model from a product one allows manufacturers to reduce cost, improve client retention, enhance their value proposition and secure higher-quality revenue streams. This will cut competitors off at the pass if they're not able to pivot as quickly.

- Where AEPs come in - Application Enablement Platforms or AEPs are great tools for developing sophisticated IoT applications. They provide the base software capabilities while still enabling customisations for marketplace differentiation. But they are increasingly complex. They're being deployed into smart environments with existing connections and applications, have data from multiple device types or 3rd parties, have vast deployment locations, struggle with legacy devices and contain many OEMs.

[Read the full report here](#)



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ABOUT MM Thailand







A leading digital media center gathering knowledge for modern industrial factories, encompassing information on Industry 4.0 automation systems, Metalworking, System Integration, Industrial Product Reviews, Smart Factory, Sustainability Investments, Cost Reduction and Productivity Enhancement, Smart Materials, 3D Printing, and other emerging industries.

FOCUS ON

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TARGET GROUP

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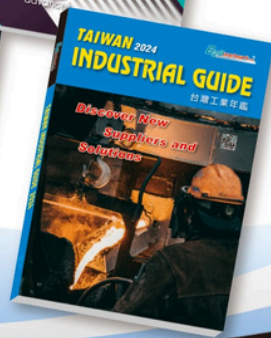
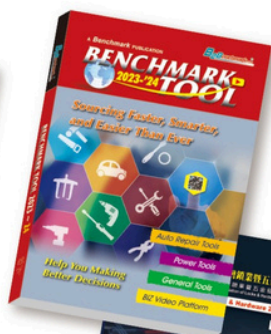


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