

FREE TO ATTEND

GO DIGITAL **edge TO ENTERPRISE** **CONFERENCE**



**TROPICANA GOLF &
COUNTRY RESORT**
16 NOV 2022

08 : 30 am - 4.30 pm



**REGISTER
HERE TO GET
YOUR FREE
PASS**



**YOUR ROAD TO DATA-DRIVEN SMART
MANUFACTURING CONFERENCE**

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AVEVA



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IND 4.0 CONFERENCE OF THE YEAR



This November, CTI Resources is proud to host the inaugural **GoDigital | Edge to Enterprise Conference 2022** in Kuala Lumpur in a fully face-to-face event alongside a mini exhibition showcasing technical solutions and demos that cater to those in the **Edge, Supervisory and Enterprise levels**.

Backed by research, this one-day conference will examine the most pressing issues in data-driven manufacturing in today's digital factory.

Participants can expect to hear discussion from industry experts on industry 4.0 from Edge to Enterprise strategy and various approaches around how to scale as you grow. Our choice of exhibition booths will enable you to derive more insights on industrial automation, MES solutions, Edge computing, Computerized Maintenance Management System (CMMS), Cloud & AI and Facial Recognition technology .

Participants can also expect to hear more about understanding real-world applications to solve the challenges unique to the manufacturing sector, ranging from production efficiency, asset strategy all the way through to asset health in combination with advanced analytics

“WHO SHOULD ATTEND?”

CEOs, CIOs, Managers & Executive in Production, Managers & Executive In Maintenance, Managers & Executive in IT handling OT level, Managers & Executives in Corporate Policy & Planning

FREE TO ATTEND

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REGISTER
HERE**

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CORE FOCUS OF THE EVENT

TECHNICAL APPLICATION BOOTH

3 core offers for
Plant/field,
Supervisory and
Enterprise Team

ANALYST & INDUSTRY EXPERT SHARING OF INSIGHTS

PANELIST SESSION

*"Smart Manufacturing
Through DX Strategy
Approaches, Scale as You
Grow"*

by Analyst &
Industry Experts

NETWORK WITH PEERS & INDUSTRY EXPERT

Accelerate your
transformation &
learning

EXCLUSIVE OVERVIEW ON MALAYSIA'S MANUFACTURING OUTLOOK FOR 2023

by IDC Asia/Pacific
Manufacturing
Insights



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EVENT PROGRAM

08.30 AM - 09.30 AM	Registration Networking Breakfast Mini Exhibition Hall Visit
09.30 AM - 09.45 AM	Welcome Keynote Dr Helena Eian Yeut Lan FMM Council Member Vice Chairman of FMM Industry 4.0 & Digital Economy Committee
09.45 AM - 10.30 AM	Session 1: Digital Factory for an Empowered Workforce Mr. Iqbal Singh Head of Partners, South East Asia & South Asia AVEVA
10.30AM - 11.15 AM	Session 2: Improving Productivity through Data-Driven Manufacturing Mr Chai Kim Chen Director, CTI Resources Vice Chairman of FMM Industry 4.0 & Digital economy Working Committee
11.15AM - 12.00 PM	Networking Coffee Break Mini Exhibition Hall Visit Group Photo Session
12.00 PM - 12.30 PM	Session 3: Compute at the Edge. Is it Tomorrow or Today? Mr. Foong Lin Hoe Managing Director, Asia South Stratus Technologies
12.30 PM - 02.00 PM	Networking Lunch at The Golfers Terrace Mini Exhibition Hall Visit
02.00 PM - 02.10 PM	Session 4: Malaysia's Manufacturing Trends Outlook 2023 Dr. Lee Wai Yee Research Manager IDC Asia/Pacific Manufacturing Insights
02.10 PM - 03.00 PM	Panel Discussion: Smart Manufacturing Through DX Strategy Approaches, Scale as You Grow Moderator: Dr. Lee Wai Yee, Research Manager IDC Asia/Pacific Manufacturing Insights
03.00 PM - 03.30 PM	Session 5: Asset Strategy to Asset Health: Strategize your maintenance and drive improved asset health with low risk Mr. David Gooding Business Consultant YNY Technology
03.30 PM - 04.00 PM	Session 6: Advanced Biometric Technology, UBio Contactless Solutions Ms. Emily Shin International Sales Manager UnionCommunity
04.00 PM - 04.30 PM	Lucky Draw Session Networking Coffee Break Mini Exhibition Hall Visit Conference Conclude

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YN Y TECHNOLOGY

MEET THE SPEAKERS



Dr Helena Eian

FMM COUNCIL MEMBER | VICE
CHAIRMAN OF FMM INDUSTRY
4.0 & DIGITAL ECONOMY
COMMITTEE



Iqbal Singh

HEAD OF PARTNERS, SOUTH EAST
ASIA & SOUTH ASIA
AVEVA



Chai Kim Chen

DIRECTOR CTI RESOURCES |
VICE CHAIRMAN OF FMM
INDUSTRY 4.0 & DIGITAL
ECONOMY WORKING
COMMITTEE



Foong Lin Hoe

MANAGING DIRECTOR,
ASIA SOUTH
STRATUS TECHNOLOGIES



Dr Lee Wai Yee

RESEARCH MANAGER
**IDC ASIA/PACIFIC
MANUFACTURING
INSIGHTS**



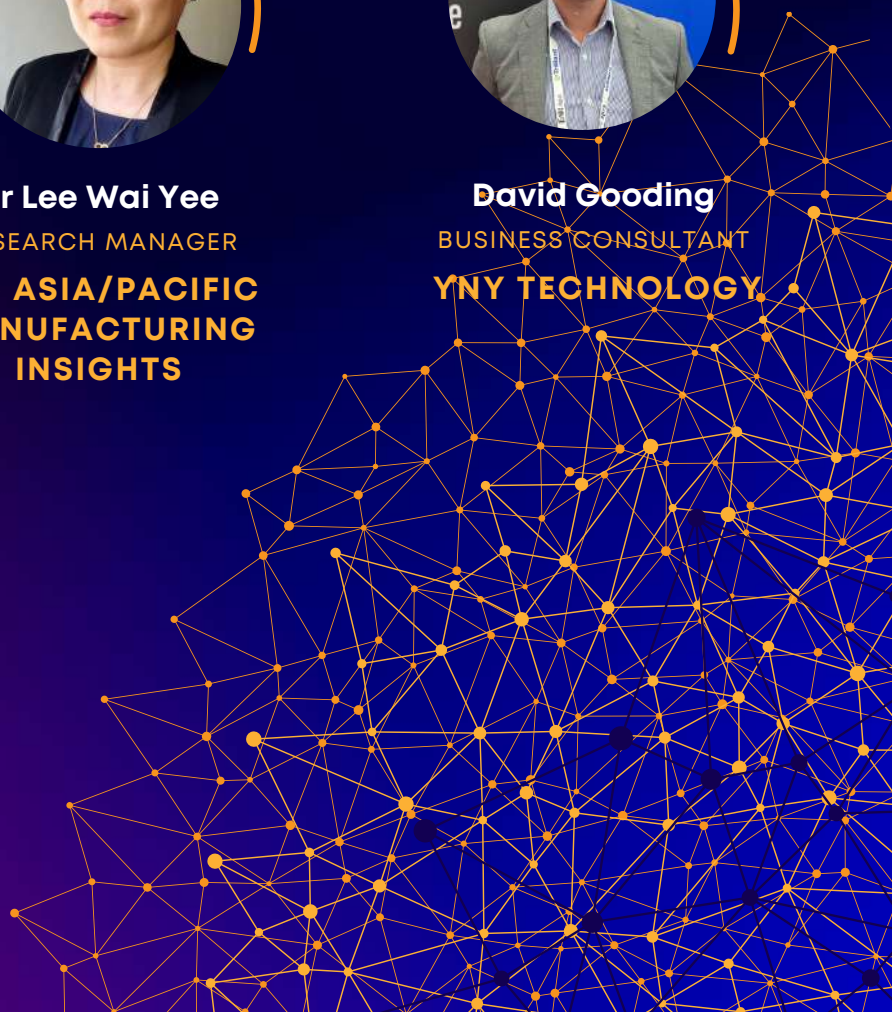
David Gooding

BUSINESS CONSULTANT
YNY TECHNOLOGY



Emily Shin

INTERNATIONAL SALES
MANAGER
UNIONCOMMUNITY



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KEY TOPICS OF THE EVENT



Iqbal Singh

HEAD OF PARTNERS, SOUTH
EAST ASIA & SOUTH ASIA

AVEVA

DIGITAL FACTORY FOR AN EMPOWERED WORKFORCE

To date, manufacturers continue to face ongoing supply chain disruptions, including workforce-related disruptions, impacting manufacturers' ability to run production plants at full capacity. At the same time, companies must adapt to pre-existing challenges, like a retiring workforce, a shortage of skilled workers, and the sustainability drivers which are pushing energy, emission, and waste reduction.

As such, manufacturing strategies have to adapt to the post-pandemic future, incorporate robust digital platforms and toolsets to seize business growth opportunities and maintain competitiveness to optimize the manufacturing value chain.

Join AVEVA to hear Mr. Iqbal share his insights on Edge to Enterprise technology, enabling manufacturers to identify the right course of action, giving teams a consistent method of collaborating and operating from a cohesive and sustainable framework.

IMPROVING PRODUCTIVITY THROUGH DATA-DRIVEN MANUFACTURING

Manufacturers today seek to gain a competitive advantage by expediting their digital transformation journey, and data-driven manufacturing is absolutely the next wave of manufacturing operations to drive efficiency and real-time responsive production systems.

Data is one of the most important assets for manufacturers to provide great insight into industrial processes for both the decision-makers and production team within a shop floor. When a factory develops more data-driven manufacturing operations, it breakthrough the bottlenecks that clog productivity, growth, and profitability using data-driven decisions. It helps manufacturers to detect, identify, and prevent operational bottlenecks by saving millions in delays, inefficiencies & lost revenue.

Join CTI Resources, Mr. Chai KC to learn how you can lift your manufacturing productivity and build competitive advantage with a Data-driven Manufacturing approach.



Chai Kim Chen

DIRECTOR CTI RESOURCES |
VICE CHAIRMAN OF FMM
INDUSTRY 4.0 & DIGITAL
ECONOMY WORKING
COMMITTEE



Foong Lin Hoe

MANAGING DIRECTOR,
ASIA SOUTH

STRATUS TECHNOLOGIES

COMPUTE AT THE EDGE. IS IT TOMORROW OR TODAY?

By 2025, 175 zettabytes (or 175 trillion gigabytes) of data will be generated around the globe. Edge devices will create more than 90 zettabytes of that data. Manufacturing practices continue to evolve as business expectations rise year over year. In parallel, technologies such as SCADA/AI/ML/Edge Compute are merging to accelerate this evolution.

Join Stratus' session titled "Compute at the Edge. Is it tomorrow or today?" as we dive deeper into how Edge Computing will evolve in 2022/2023 from both a global and regional perspective.

Discussion topics of the day :

- What is Edge Compute?
- Rise of the Edge. Tomorrow or today?
- Is Edge for you?
- How can Stratus Edge Compute help you in your transformation?



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KEY TOPICS OF THE EVENT



Dr Lee Wai Yee
RESEARCH MANAGER
IDC ASIA/PACIFIC
MANUFACTURING INSIGHTS

MALAYSIA'S MANUFACTURING TRENDS OUTLOOK 2023

The value and benefits of DX are well recognized; manufacturing organizations are scaling up on digital transformation initiatives to build operation resiliency and improve shop floor efficiency to remain competitive in the industry.

Join IDC Asia/Pacific Manufacturing Insights session to gain an exclusive overview on Malaysia's Manufacturing Outlook for 2023 exploring current trends and challenges that are driving data-driven manufacturing transformation

ASSET STRATEGY TO ASSET HEALTH: STRATEGIZE YOUR MAINTENANCE AND DRIVE IMPROVED + ASSET HEALTH WITH LOW RISK

Transform and extend your existing asset management in this session. Discover how manufacturing operations are revolutionizing their asset strategies, driving significant increases in asset health and understanding asset and process risk using a pre-trained industrial analytics model. It is configured for manufacturing and combines material, process, and equipment data to optimize production and maintenance.

Join YNY Technology to learn how to deliver predictable production and consistent quality every time.



David Gooding
BUSINESS CONSULTANT
YNY TECHNOLOGY



Emily Shin
INTERNATIONAL SALES
MANAGER
UNIONCOMMUNITY

ADVANCED BIOMETRIC TECHNOLOGY | UBIO CONTACTLESS SOLUTIONS

The pace of technology has exploded over the last 15 years; technologies such as AI, 3D printing, and the Internet of Things (IoT) are becoming more important, resulting from the covid-19 pandemic.

It has been particularly evident through the employment of facial recognition systems, which have been steadily increasing over the last decade. Facial recognition is the process of identifying or verifying a person's identity using their face. It captures, analyzes, and compares patterns based on the person's facial details.

Join UNIONCOMMUNITY in this event to know more about how contactless Solution with Liveness Face Detection and Anti-Spoofing Function will transform how your business operates and is becoming increasingly difficult to avoid in daily life.

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MALAYSIAN MANUFACTURING SECTOR RETURNS TO EXPANSION

Thanks to significant growth and demand in new order volumes as well as the growth of new business, the Edge Markets reports that manufacturing has seen renewed growth at the start of the second quarter of 2022.

Operating conditions in the sector are reported to have also seen improvements as a modest increase in the PMI (purchasing manager index) across ASEAN indicates. In Malaysia, for example, the PMI rose from 50.4 to 50.6 in July 2022 this year, the highest in three months, according to S&P Global Market Intelligence in its Global ASEAN Manufacturing PMI report.

This growth is set to increase in the near future as demand conditions and the restrictions around the coronavirus pandemic begin to ease, alongside increased production and sales volumes.

Yet, the positive developments alongside emerging trends that the manufacturing sector faces in Malaysia, need to be viewed alongside several challenges as shown in Chart A unique to the sector. Addressing these challenges is what will enable Malaysia to move forward as a high value-add economy.

Source: <https://www.theedgemarkets.com/article/malaysian-manufacturing-sector-returns-expansion> & <https://www.freemalaysiatoday.com/category/business/local-business/2022/08/01/modest-improvement-for-manufacturing-sector-in-malaysia/>

**DYNAMIC SHIFTS IN
DEMAND +
UNEXPECTED
DISRUPTIONS =
PRODUCTION FLOOR
DIFFICULTIES IN**



SUPPLY CHAIN

- raw material & parts shortages
- logistic & delivery
- contractors or Vendors



WORKFORCE

- talent shortage
- workers shortage
- new work process
- safety & health
- remote collaboration



OPERATIONS

- manual/semi-automated
- silo systems & not Integrated
- costs
- insufficient system visibility for management
- lack of robust decision support systems

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EDGE TO ENTERPRISE STRATEGY



Edge to Enterprise technologies are about connecting that which was previously unconnected. With the exponential increase in devices and the explosive data growth seen, you need applications and tools that collect and analyze the information needed in order to deliver actionable insights.

Analytics at the edge enable you to derive better context from data sets that are relevant and timely. These are data sets that define the issues, providing alerts previously not possible. This has the potential to transform almost every single aspect of the business.

At the enterprise level, improved context and understanding is possible with more predictive analytics supporting information flow and decision making.

The GoDigital Edge to Enterprise strategy provides the support you need to leverage all of your data from the Edge to the Enterprise level. This means managing your devices, bringing together disparate data streams into a secure cloud environment for analysis and even, building a hybrid solution. The end result is even more rapid and intelligent decision making, based on a single source of truth.

This is the confluence of tools that connect and empower you with improved insight.

Take a look below at what a day in the life of a modern production floor could look like and how you could scale growth.



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A DAY IN THE LIFE OF MODERN OPERATIONS



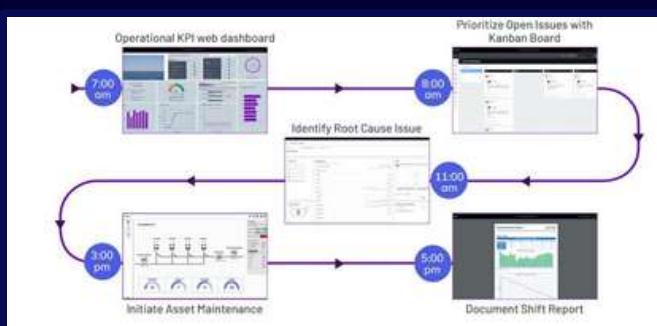
ENTERPRISE

Empowers your team with a centralized view across the enterprise to help make informed decisions, bring end-to-end operational visibility to improved operational efficiency



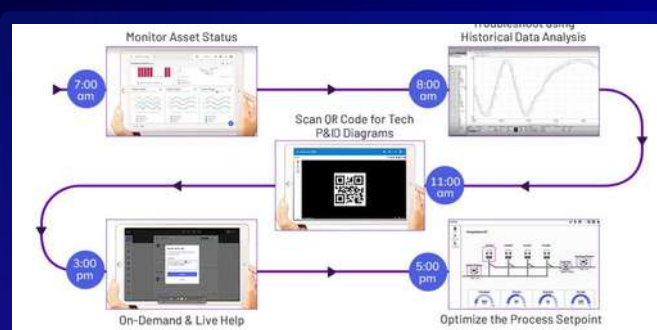
SUPERVISORY

Ideal for centralized management of distributed SCADA or operations into single unified plant model aimed at driving standardization across departments



EDGE

Perfect for frontline teams that require local process monitoring and control at the asset, equipment or line level with IIOT and embedded HMI capabilities



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ABOUT THE SPONSOR CTI RESOURCES



CTI Resources was formed in 1997; we are the pioneer in the first-ever Windows-based SCADA System using Citect in Malaysia. As the Citect distributor for more than 25 years, we continue to build a strong partnership with our Technology Partners, Aveva, Stratus, and Union Community, where collaboration adds value to our purpose and sustainable growth.

Armed with more than two decades of extensive experience in SCADA and Telemetry Systems, HMI, Wireless, and biometrics technology. We help businesses enhance their operational efficiency and productivity by implementing the Edge to Enterprise approach, which scales as the business grows.

FEDERATION OF MALAYSIAN MANUFACTURERS (FMM)



This event is organised by FMM and sponsored by CTI Resources Sdn Bhd under the FMM Business Promotion Package 2022.

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The organizer reserved the right to alter the content & timing of the session in the best interests of the conference

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