

AN INTERNATIONAL EXHIBITION ON SMART MANUFACTURING
TECHNOLOGY AND INDUSTRY 4.0 SOLUTIONS.

MATRA

THAILAND 2022

28 – 30
SEP – SEP 2022

Incorporating :

THAILAND
MATRA
CONFERENCE 2022

NICE, PATTAYA
CHONBURI, THAILAND

TRANSFORMING
MANUFACTURING
THROUGH TECHNOLOGY!

www.matraexpo.com

ENDORSED BY :



Ministry of Industry



Department of Industrial Works



Thailand Convention & Exhibition Bureau (TCEB)



Center of Robotic Excellence



National Electronics and Computer Technology Center



Thai-German Institute

CONFERENCE BY :



JuzTalk (Thailand)



Electrical and Electronics
Institute of Thailand



Thai Electrical, Electronics,
Telecommunications
Industries Association (TETA)



Technology Promotion
Association (Thai-Japan)



Thai Automation & Robotics
Association (TARA)



Singapore Industrial
Automation Association (SIAA)

BROUGHT TO YOU BY :



Fireworks Media (Thailand) Co., Ltd.
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ABOUT THE EVENT

MANUFACTURING TRANSFORMATION (MATRA) THAILAND 2022 is the only specialized exhibition on Smart Manufacturing Technology and Industry 4.0 Solutions in Thailand that brings together an international congregation of manufacturing technology companies and also its supporting industries gathered in the heart of Thailand's manufacturing hub, Chonburi to showcase the latest developments in the industry!

Eastern Economic Corridor (EEC), slated to become a high-tech manufacturing hub

Somkid Jatusripitak, an economist and Thailand's Deputy Prime Minister, has been busy as of late drumming up new business and investments for the country's brash, new Eastern Economic Corridor (EEC) initiative.

The EEC is a massive 5,000 square miles stretching along the Gulf of Thailand from the province of Rayong to those of Chonburi, and Chachoengsao. Thailand's intention is for the EEC to become a high-tech manufacturing hub (there's even a smart city in the plans).



Thailand's Manufacturing Would Be Technology Driven



To prime the investment pump, the Thai government has just authorized \$45 billion in what the Nikkei Asian Review tabs a do-or-die leap to a technology-driven economy. Over \$6 billion is slated for robotics and logistics upgrades.

In addition, the country has bent over backwards with tax breaks and incentives that fit neatly into automation and robotics, like "corporate tax exemptions up to 13 years for businesses using advanced technology and innovation, or conducting R&D activities; and import duty exemption for machines and raw materials."

The EEC's ten targeted industries: Next-gen automotive, intelligent electronics, tourism for high-income tourists and medical tourism, agriculture and biotechnology, food processing, robotics, logistics, and aviation, including biofuels and biochemicals.

According to Industry Minister Uttama Savanayana, the EEC project will be particularly kind towards robotics, even going so far as to encourage Thai businesses to adopt robots and robotics technologies into their manufacturing and production processes.

Another reason for increased robot automation is people, or lack thereof. "The National Economic and Social Development Board projects that Thailand's workforce, those aged 15-59 years old, is expected to fall by about 6 million to 37 million."

"About 30 percent of manufacturers in Thailand are already using robots, but the government wants that to rise to 50 percent in five years."

"The EEC lists a string of projects to be pursued: \$1 billion for highways; \$2.8 billion to expand ports; \$6 billion to upgrade the U-Tapao International Airport; \$6.7 billion to build railways, including one for high-speed trains; \$12 billion for new cities and hospitals and \$15 billion for industry."

WHO SHOULD EXHIBIT?



INDUSTRIAL AUTOMATION

Factory & Process Automation, System Solutions & Industrial IT Solutions

- Assembly and handling system
- Autonomous systems
- Cable and energy carriers
- Control systems, programmable logic controller SCADA
- Electrical power transmission
- Embedded systems
- Fieldbus systems
- Gear, mechanical drives systems
- Heat recovery systems
- Heating, ventilation, air-conditioning equipment
- Industrial image processing
- Instrument measurement and control
- Industrial internet of things (IIoT)
- Laser technology
- Linear positioning systems
- Machinery, appliances & components for robotics
- Meter boards, distribution systems for electrical building installation
- Micro-technology
- Motion controls
- Process automation
- Product and trademark protection
- Pneumatic automation technology
- Research & development
- Robotics & system integration
- Robot simulation & vision system
- Safety switches
- Security components & systems
- Sensors & actuators
- Training & education
- Vibration measurement systems



ADDITIVE MANUFACTURING

Integrated Industrial 3D Printing Solutions

- 3D modelling software
- 3D printers
- Manufacturing solutions
- Materials & components
- Quality management & metrology
- Rapid prototyping
- Research & development
- Solutions for additive manufacturing

DIGITAL FACTORY

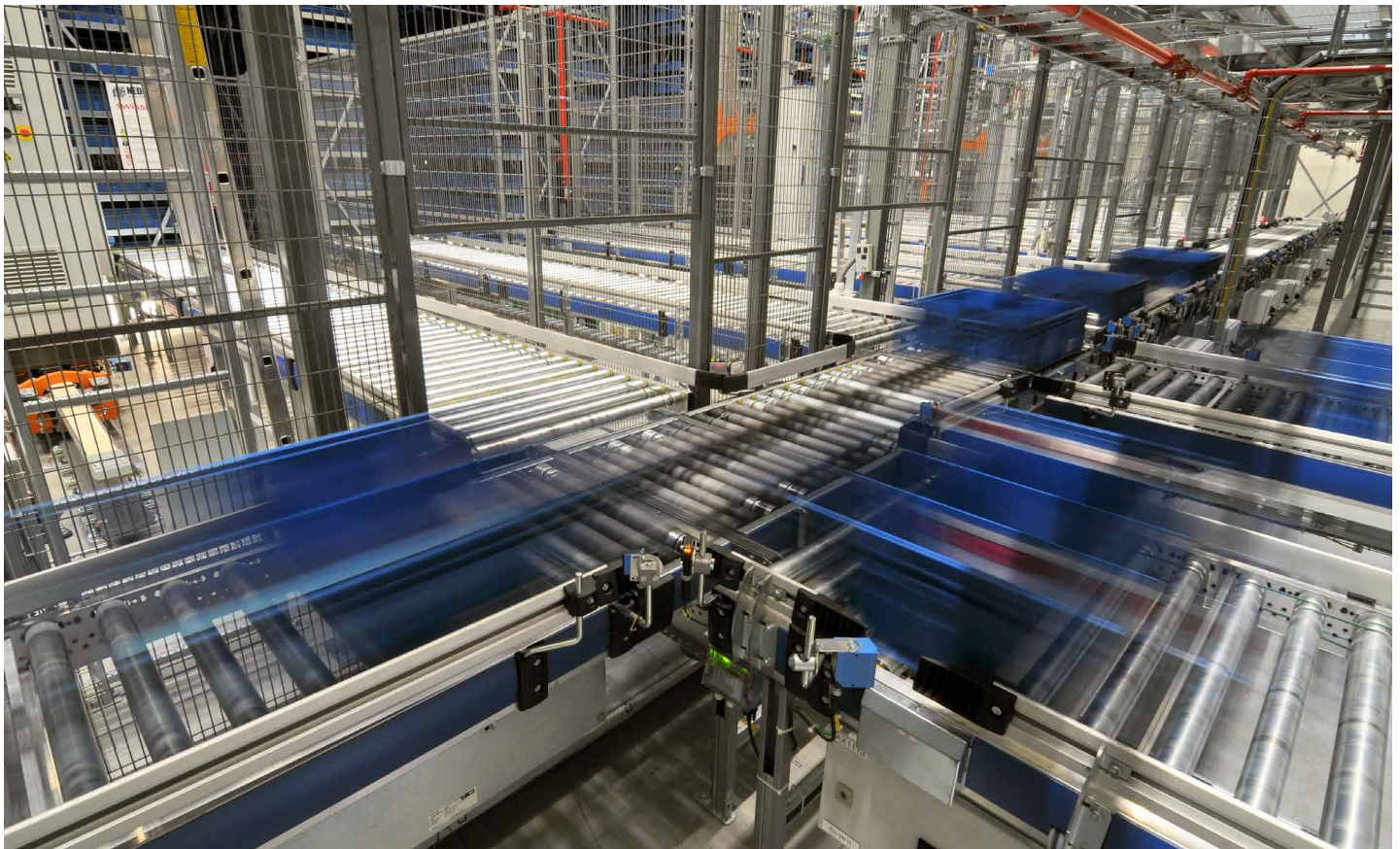
Integrated Processes & IT Solutions

- Asset management systems
- Big data management
- Cloud computing
- Cyber Security
- Data Infrastructure
- Design & Product Development
- Digital Twin
- Energy Management Solutions
- Enterprise Resource Planning (ERP)
- Manufacturing execution systems (MES)
- Power-saving production technologies
- Predictive maintenance
- Product life cycle management (PCM)
- Research & development
- Security technology
- Training & education
- Virtual & augmented reality
- Virtual commissioning

INTRALOGISTICS

Smart Logistics & Supply Chain Management Solutions

- Automated guided vehicles
- Automated storage and retrieval system
- Conveying systems
- Eco-palleting system
- Industrial trucks and forklifts
- Labelling systems & identification
- Lifting platforms
- Logistics IT
- Packaging and order packing systems
- Racking systems
- Research & development
- Storage & retrieval equipment
- Space solutions providers
- Supply chain management systems
- Training & education
- Turnkey systems for logistics
- Unmanned aerial vehicle
- Warehouse management systems



WHO WOULD VISIT?

INDUSTRIES

- Aerospace
- Automotive
- Chemical
- Manufacturing
- Electrical & Electronics
- Energy
- Food & Beverage
- Infrastructure & Facilities
- Logistics & Supply Chain Management
- Oil & Gas
- Pharmaceutical & Biotechnology
- Semiconductor
- Urban Solutions

JOB FUNCTIONS

- Business Development
- Compliance & Audit
- Development & Design
- Engineering
- Finance & Investment
- Information Technology
- Procurement
- Production
- Product Management
- Quality Control & Assurance
- Research & Development
- Technical Sales

JOB LEVELS

- Senior Management
- Consultants
- Decision Makers
- Department Heads
- Engineers
- Factory Planners
- Procurement Managers
- System Managers
- Traders

Nongnooch Pattaya International Convention & Exhibition Center (NICE)



NICE is one of the largest venues in the East of Thailand. It's a large 3-story building with a total area of 18,000 square meters and usable area of 5,760 square meters. Nongnooch Pattaya to the city of "MICE" business "Paradise on earth" is well known as Nongnooch Pattaya on the landscape over than 670 acres which is the largest botanical in Southeast Asia as one of the Top 10 Ranks in the world. The transportation from U-tapao Pattaya International airport is about 30 minutes while driving from Bangkok to Nongnooch Exhibition Center is about 2 hours.

Cost Of participation

Have It Raw!

(Min 18sqm)

290 USD Per Sqm

- Raw Space Only
- "Ideal For Companies With Large Exhibits Or Simply For Those With More Flair..."



Shell Me Up!

(Min 9sqm)

310 USD Per Sqm

- Standard Shell Scheme
- "Leave The Work To Us And Walk Onto A Furnished Stand With Chairs & Tables."

Shell Scheme Package Includes:

- 1 x 220V - Power Point
- Needle Punch Carpet Flooring
- 2 x Fluorescent Tube
- 2 x Upright Chair
- White Laminated Plywood Panel
- 1 x Information Counter
- Fascia Board With Company Name

*All corner booths are subjected to an additional 20 USD per sqm.

OUR INTERNATIONAL OFFICES



Singapore (Head Office)
Fireworks Trade Media Pte Ltd
Tel: (+65) 6100 9101
Email: sg@asiafireworks.com

Thailand (Organized)
Fireworks Media (Thailand) Co., Ltd.
Tel: (+66) 2 513 1418
Fax: (+66) 2 513 1419
Email: thai@asiafireworks.com

Australia
Fireworks Australia
Tel: (+61) 3 90431879
Email: aust@asiafireworks.com

Bangladesh
Savor International Limited
(Partnership Office)
Tel: (+880) 1714119552
Email: md@savorbd.com

China
Fireworks China
Tel: (+86-27) 52345510 / 52345512
Fax: (+86-27) 87186718
Email: china@fireworks-cn.com

India
Asia Fireworks Trade media Pvt Ltd
Tel: (+91) 9156451318
Email: india@asiafireworks.com

Indonesia
PT FireWorks Indonesia
Tel: (+62-21) 2605-1028
(+62-21) 4290-0191
Email: info@asiafireworks.com
Batam Branch Office
Tel: (0778) 4883759
(0778) 4883726
Email: Batam@asiafireworks.com

Malaysia
NRG Exhibitions (M) Sdn Bhd
Tel: (+603) 6151 9178
Email: info@nrg-expo.com

Myanmar (Organizer)
Fireworks Myanmar
Tel: (+95) 1 860 5200 / 1 860 5201
Sales Hotline: (+95) 9 2501 75661
Email: myanmar@asiafireworks.com

Philippines
Fireworks Trade Exhibitions & Conferences Philippines, Inc.
Tel: (+632) 7902 0900 ext 115
Fax: (+632) 7902 0949
Email: phil@asiafireworks.com

Vietnam
Fireworks Trade Media Co., Ltd
Tel: (+84) 28 6287-8196
Fax: (+84) 28 6287-8160
Email: viet@asiafireworks.com