



**Prestige Atlantic Asia**  
Powering Forward, Together

**Vol. 35**



# NEWSLETTER

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**SPOTLIGHT:****PT Tristar Makmur Kartonindo, Indonesia****CPS Roll Management With IR 4.0 BHS RRC (Roll Automation)**

**PT Tristar Indonesia**, a leading corrugated packaging manufacturer based in Lippo-Cikarang Industrial Park, Bekasi, joins our prestigious network of manufacturing partners as they implement our most advanced enterprise solution. We're honored to welcome this integrated packaging specialist to the Prestige Atlantic Asia family as they embark on their comprehensive digital transformation.

**Mission-Driven Manufacturing Excellence**

Established in 2003, Tristar was founded with a strong mission and unwavering commitment to deliver truly integrated solutions for corrugated packaging needs. Their comprehensive approach spans from initial consultation through manufacturing to final delivery, creating a seamless customer experience that has defined their success across Indonesia's competitive packaging market.

**Strategic Indonesian Operations**

Based in the prestigious Lippo-Cikarang Industrial Park in Bekasi, Tristar operates from one of Indonesia's premier industrial zones. Their strategic location provides excellent access to Jakarta's markets while benefiting from world-class infrastructure and logistics connectivity throughout the Indonesian Archipelago.

**Impressive Scale and Capacity**

With a dedicated workforce of 400 employees, Tristar demonstrates substantial operational scale and commitment to quality employment within Indonesia's manufacturing sector. Their impressive annual production capacity of 65 million square

meters of board showcases their position as a major player in the regional corrugated packaging industry.

**Enterprise-Level Technology Adoption**

As a new customer, Tristar has strategically invested in our flagship **CPS/Enterprise 2026 Paper Roll solution**, the latest iteration of our comprehensive enterprise platform. This advanced system is perfectly suited to their large-scale operations, providing the sophisticated automation and control capabilities required for their substantial production volumes.

**Integrated Solutions Enhanced by Technology**

The CPS/Enterprise 2026 implementation will seamlessly integrate with Tristar's end-to-end service philosophy, delivering real-time production optimisation, advanced quality control, predictive maintenance, and comprehensive analytics across their entire manufacturing process. This technology foundation will enhance their ability to deliver integrated packaging solutions with unprecedented efficiency and reliability.

**Regional Manufacturing Leadership**

Tristar's adoption of our most advanced enterprise solution reinforces Indonesia's growing prominence in Southeast Asia's manufacturing landscape, demonstrating how established regional manufacturers can leverage cutting-edge technology to maintain their competitive advantages.

This partnership exemplifies our commitment to supporting large-scale manufacturing operations with enterprise-grade solutions that drive operational excellence.

# SPOTLIGHT: Polyplus Packages (JB) Sdn. Bhd.



## CENTURY BOND BHD

Part Of: **kps.**

## Century Bond Group Embraces CPS 2026 Enterprise-Level Innovation

**Polyplus Packages (JB) Sdn. Bhd.**, a distinguished member of the Century Bond Bhd. group, joins our expanding network of manufacturing partners as they embark on a comprehensive digital transformation journey. We're honored to welcome this established industry leader to the Prestige Atlantic Asia family as they implement our most advanced enterprise solution.

### Three Decades of Manufacturing Excellence

With over 30 years of operational excellence, Polyplus has established itself as a cornerstone of Malaysia's manufacturing landscape. As part of the respected Century Bond Bhd. group, they benefit from decades of accumulated expertise and market knowledge while maintaining their commitment to quality and innovation in their specialized sector. In 2016, Kumpulan Perangsang Selangor Berhad (KPS) acquired Century Bond Berhad, eventually increasing its ownership to 93%. This is a Government-Linked Company (GLC).

### Strategic Senai Operations

Situated in Senai, Johor, Polyplus operates from one of Malaysia's most dynamic industrial zones. Their strategic location provides excellent connectivity to regional markets and transportation networks, while positioning them within Johor's thriving manufacturing ecosystem that benefits from proximity to Singapore's commercial hub.

### Enterprise-Level Technology Investment

As a new customer, Polyplus has made a significant strategic investment in our flagship **CPS/Enterprise 2026** solution, representing the latest evolution of our comprehensive enterprise platform. This advanced system is perfectly suited to their substantial operations and aligns with the Century Bond group's commitment to technological leadership.

### Industry 4.0 Transformation Initiative

Polyplus is actively moving towards implementing comprehensive Industry 4.0 features to enhance their operations across all manufacturing processes. The CPS/Enterprise 2026 will deliver advanced automation, real-time production monitoring, predictive analytics, and integrated quality control systems that will transform their operational efficiency.

### Enhanced Operational Capabilities

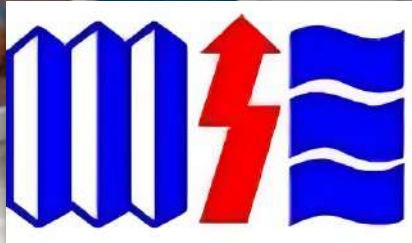
The enterprise-level implementation will provide Polyplus with sophisticated manufacturing intelligence, seamless data integration, automated workflow optimization, and comprehensive reporting capabilities. These Industry 4.0 features will enhance their ability to meet evolving market demands while maintaining the quality standards that have defined their 30-year success.

### Group-Level Innovation Leadership

As part of Century Bond Bhd, Polyplus's adoption of cutting-edge manufacturing technology reinforces the group's position as an industry innovator. Their progressive approach to digital transformation sets a benchmark for enterprise-level manufacturing excellence across the organization.

This partnership exemplifies our commitment to supporting established industry leaders with enterprise-grade solutions that drive sustained competitive advantages and operational excellence.

## SPOTLIGHT: Multi Exuberance Sdn. Bhd.



### Cloud-First Manufacturing Pioneer in Johor Bahru

**Multi Exuberance Sdn Bhd**, strategically located in Johor Bahru, represents the evolution of modern manufacturing through innovative cloud-based technology adoption. We're excited to welcome this forward-thinking manufacturer to the Prestige Atlantic Asia family as they embrace next-generation smart manufacturing solutions.

#### Three Decades of Johor Excellence

Established in 1992, Multi Exuberance has built an impressive 32-year legacy in Johor Bahru's dynamic industrial landscape. Their three decades of operational excellence have positioned them as a respected manufacturer in Malaysia's southernmost state, benefiting from the strategic advantages of proximity to Singapore and excellent connectivity to regional markets.

#### Strategic Johor Bahru Operations

Based in the bustling industrial hub of Johor Bahru, Multi Exuberance operates at the heart of one of Southeast Asia's most vibrant manufacturing corridors. Their location provides unparalleled access to both domestic and international markets, while positioning them within Malaysia's most technologically progressive industrial zone.

#### Innovative Cloud-Based Solution

As a new customer, Multi Exuberance has strategically selected our **CPS Mini Box 2026 solution**, specifically focusing on its advanced cloud capabilities delivered through a flexible subscription model. This progressive approach demonstrates their commitment to leveraging cutting-edge technology while maintaining operational agility and cost-effectiveness.

#### Subscription-Based Technology Advantage

Multi Exuberance's adoption of CPS Mini Box 2026 on a subscription basis provides them with continuous access to the latest cloud features, automatic updates, and scalable resources without significant capital investment. This model ensures they always operate with the most current technology while maintaining financial flexibility for growth initiatives.

#### Cloud-Enabled Manufacturing Benefits

The cloud-focused implementation delivers comprehensive benefits including remote monitoring capabilities, real-time analytics, predictive maintenance, and seamless data integration across their operations. This subscription-based approach provides Multi Exuberance with enterprise-level cloud functionality while maintaining the simplicity and cost-effectiveness ideal for their operational scale.

#### Future-Ready Business Model

Multi Exuberance's embrace of cloud technology through subscription services exemplifies how established manufacturers can adopt future-ready business models. Their innovative approach positions them as pioneers in Malaysia's transition toward cloud-first manufacturing excellence.

This partnership showcases our commitment to providing flexible, scalable solutions that enable manufacturers to embrace Industry 4.0 technologies through innovative business models.

# SPOTLIGHT: First Multi Carton Industries Sdn. Bhd.



## Trusted Partnership Evolves with Cloud Innovation

**First Multi Carton Industries Sdn. Bhd.**, a valued existing customer based in Melaka, exemplifies how established partnerships can evolve through continuous technological advancement. We're excited to highlight their latest enhancement as they embrace cloud-enabled manufacturing through our CPS Mini Box 2026 solution.

### Nearly Three Decades of Quality Commitment

Established in 1997, First Multi Carton Industries has built an exceptional 27-year legacy as a designer and manufacturer of corrugated carton boxes in Melaka's thriving industrial sector. Their journey began with an unwavering commitment to quality and customer satisfaction, values that continue to define their operations and market reputation today.

### Comprehensive Packaging Solutions

From their Melaka base, First Multi Carton Industries offers an extensive range of packaging solutions, serving diverse industries with their expertise in corrugated carton design and manufacturing. Their professional approach and dedication to core values have established them as a trusted partner across multiple sectors, demonstrating consistent growth and customer loyalty.

### Enhanced Partnership Through Cloud Technology

As an existing Prestige Atlantic Asia customer, First Multi Carton Industries is now enabling advanced cloud features through our **CPS Mini Box 2026 solution**.

This strategic enhancement represents the natural evolution of our successful partnership, building upon their established foundation with cutting-edge cloud capabilities.

### Cloud-Enabled Manufacturing Advancement

The implementation of cloud features within their CPS Mini Box 2026 system delivers transformative benefits including remote monitoring, real-time production analytics, predictive maintenance capabilities, and seamless data integration. These enhancements position First Multi Carton Industries to maintain their quality standards while achieving new levels of operational efficiency.

### Strengthened Customer Service Excellence

With cloud-enabled technology, First Multi Carton Industries can further enhance their professional approach toward customers through improved delivery tracking, quality assurance monitoring, and responsive service capabilities. This technological advancement directly supports their core commitment to customer satisfaction and quality excellence.

### Melaka Manufacturing Innovation

First Multi Carton Industries' adoption of cloud technology demonstrates how established Melaka manufacturers can successfully integrate advanced digital solutions while preserving their foundational values and customer-centric approach.

This partnership evolution showcases our commitment to supporting long-term customers through continuous innovation and technological advancement that drives sustained competitive advantage.

# SPOTLIGHT: Pine Packaging (M) Sdn. Bhd.

PINE PACKAGING (M) SDN BHD



## Long-Term Partnership Expands with Advanced Module Integration

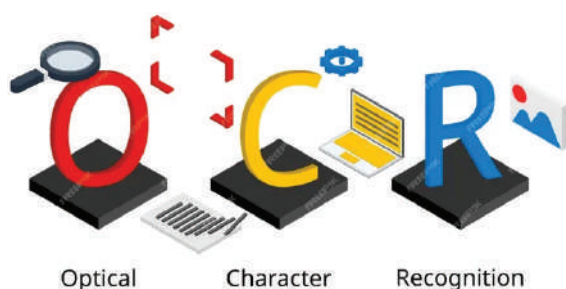
**Pine Packaging (M) Sdn Bhd**, a valued subsidiary of Jaycorp Berhad (KLSE: 7152), exemplifies the strength of enduring technology partnerships as they enhance their existing operations with our latest module innovation. We're proud to continue our seven-year collaboration with this industry pioneer as they expand their digital capabilities.

### Four Decades of Industry Leadership

Founded in 1985 by the late **Mr. Yeo Eck Liong** as Pioneer Packaging Sdn Bhd, the company was established with remarkable foresight into the tremendous opportunities within Malaysia's packaging industry. Renamed Pine Packaging in 1994, the company evolved to provide comprehensive **one-stop packaging solutions** specifically tailored to furniture manufacturers and their ever-changing requirements.

### Innovation Through Research & Development

Pine Packaging's dedicated **Research & Development team** has developed innovative packaging methods that deliver **sufficient protection** for goods while enabling customers to **reduce logistics costs** through compact and lightweight solutions. This commitment to innovation has driven their continued growth over 28 years, specializing in **manufacturing plain and printed carton boxes and related packaging products**.



Optical

Character

Recognition

### New Module Enhancement

As an existing customer since 2017, Pine Packaging is now implementing our **CPS FRONT LINER** module as an enhancement to their existing CPS/ Enterprise platform. This cutting-edge module features advanced **OCR (Optical Character Recognition)** technology that automatically extracts text from images and PDF documents, transforming them directly into orders without manual input required. This breakthrough capability eliminates data entry errors, dramatically reduces processing time, and streamlines the entire order management workflow.

### Enhanced Operational Efficiency

The CPS Front Liner's OCR technology enables Pine Packaging to process customer orders with unprecedented speed and accuracy. Whether receiving specifications via scanned documents, digital images, or PDF files, the system intelligently converts visual information into actionable production orders, seamlessly integrating with their established one-stop packaging solution approach.

### Corporate Group Strength

As a subsidiary of Jaycorp Berhad (listed on Bursa Malaysia's Main Market), Pine Packaging benefits from strong corporate backing that supports their continued technological advancement.

This module expansion underscores Prestige Atlantic Asia's commitment to continuously enhancing customer operations through innovative Industry 4.0 solutions that deliver sustained competitive advantages.

# CPS Iron Man: Malaysia's Smart Manufacturing Revolution

Launched in June 2025 and set for completion by June 2026, the CPS Iron Man project represents a groundbreaking leap in Malaysia's smart manufacturing capabilities.

This ambitious initiative, spearheaded by engineering students from Universiti Putra Malaysia (UPM), is developing a sophisticated **humanoid robot** specifically engineered for corrugated carton manufacturing operations. The project exemplifies the convergence of academic excellence and industrial innovation, positioning Malaysia as a formidable competitor in the global robotics and automation landscape.

## Advanced Manufacturing Capabilities

The CPS Iron Man robot demonstrates remarkable versatility in manufacturing processes, featuring comprehensive automation capabilities including carton bundling, diecut peeling, sheet flipping, film wrapping, label insertion, and material transport. Programmed entirely in Python, this technological marvel showcases the practical application of advanced programming languages in industrial robotics, making it both powerful and accessible for future development and maintenance.

The robot's humanoid design enables seamless integration into existing manufacturing workflows while providing the flexibility to adapt to various production requirements. Beyond its current capabilities, the development team continues expanding its functional repertoire, with additional manufacturing processes currently under development.

## Strategic Industry Partnership

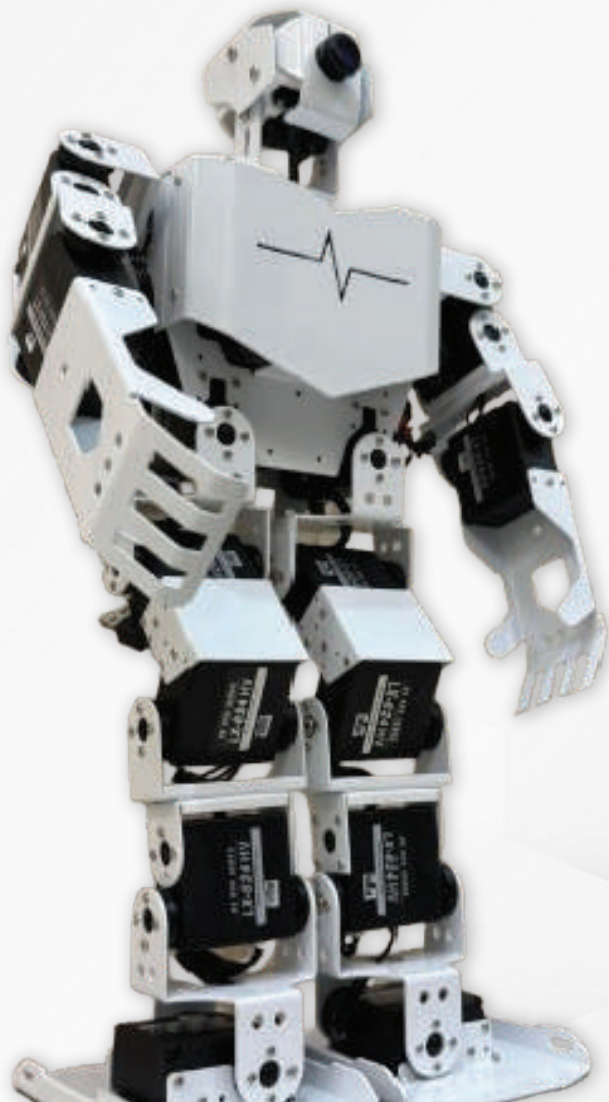
The collaboration with Prestige Atlantic Asia underscores the project's industrial relevance and commercial viability. This partnership bridges the gap between academic research and real-world manufacturing applications, ensuring that the CPS Iron Man development aligns with industry standards and market demands.

## Malaysia's Competitive Edge

This initiative demonstrates Malaysia's growing competitiveness in the engineering and robotics sectors, reflecting the nation's commitment to Industry 4.0 transformation. By combining local talent with cutting-edge technology, the project positions Malaysia as an emerging leader in smart manufacturing solutions across Southeast Asia.

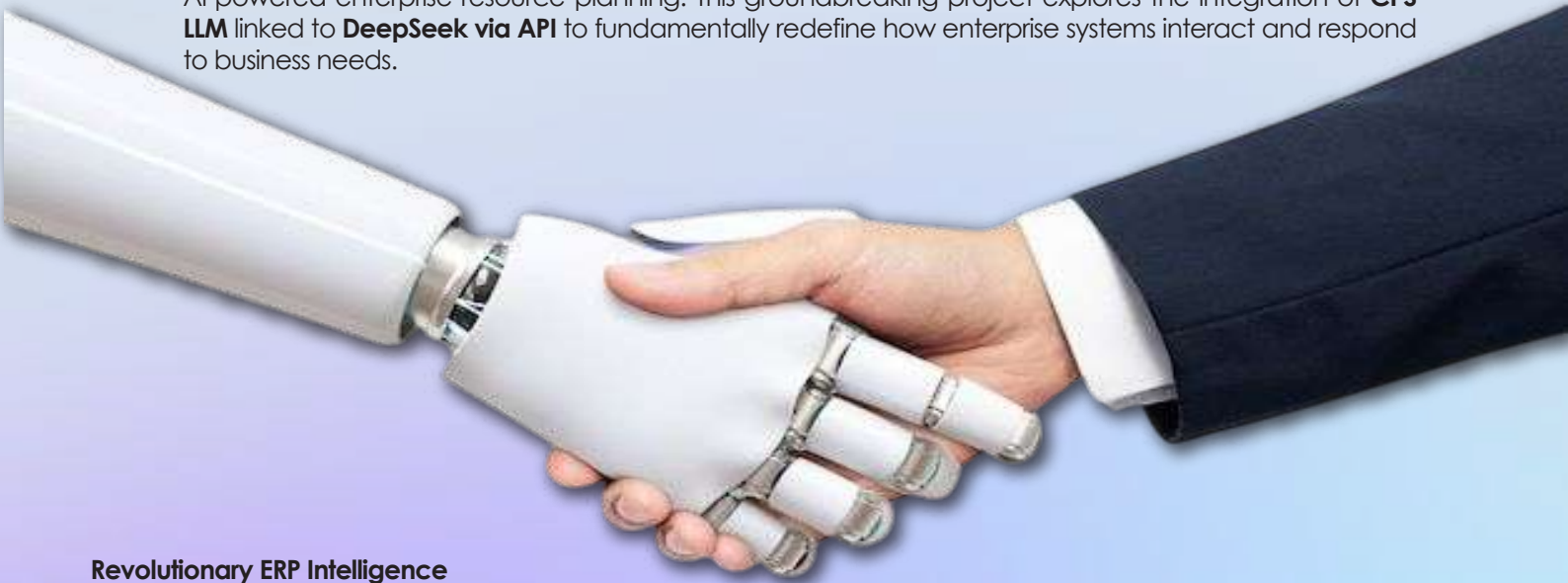
The CPS Iron Man project represents more than technological advancement—it embodies Malaysia's vision for the future of manufacturing, where intelligent automation drives productivity, efficiency, and innovation. As the project approaches its completion milestone in June 2026, it promises to establish new benchmarks for humanoid robotics in manufacturing applications, potentially revolutionizing how corrugated carton production operates globally.

This transformative initiative affirms that robots are indeed the future, and Malaysia is positioned to lead this technological evolution.



# CPS LLM + AI DeepSeek: Where the Future of Smart ERP Starts Here

Prestige Atlantic Asia is proud to introduce our upcoming **R&D Initiative**, a bold step into the future of AI-powered enterprise resource planning. This groundbreaking project explores the integration of **CPS LLM** linked to **DeepSeek via API** to fundamentally redefine how enterprise systems interact and respond to business needs.



## Revolutionary ERP Intelligence

Our CPS LLM + AI DeepSeek initiative represents a paradigm shift in enterprise technology, specifically fine-tuning large language models for **packaging and manufacturing-specific tasks**. This targeted approach ensures that AI capabilities are precisely aligned with industry requirements, delivering unprecedented accuracy and relevance in manufacturing environments.

### Advanced Capabilities

The system introduces intelligent **ERP interaction** through:

**Natural Language Querying:** Transform complex data requests into simple conversational commands

**Automated Response Systems:** Intelligent auto-reply functionality that understands context and business processes

**Advanced Document Parsing:** Seamlessly extract and interpret critical information from diverse document formats

### Real-World Innovation Laboratory

This initiative operates as an R&D sandbox with real business use cases, ensuring that theoretical advancements translate directly into practical manufacturing solutions. By testing and refining AI capabilities within actual operational environments, we guarantee that innovations deliver measurable business value.

## Strategic Academic Partnerships

Our development approach leverages co-development with academic research talents, partnering with UPM students to bring fresh perspectives and cutting-edge research methodologies to the project. Additionally, our cooperation with the University of Tenaga Nasional (UNITEN) ensures access to world-class engineering expertise and advanced computational resources.

## Transforming Manufacturing Intelligence

The CPS LLM + AI DeepSeek initiative positions Prestige Atlantic Asia at the forefront of Industry 4.0 evolution, where artificial intelligence seamlessly integrates with manufacturing operations to create smarter, more responsive, and increasingly autonomous production environments.

This R&D initiative represents our commitment to pushing the boundaries of what's possible in enterprise technology, delivering solutions that don't just meet today's manufacturing challenges but anticipate tomorrow's opportunities.

### Collaboration:



Prestige Atlantic Asia  
Powering Forward, Together



The Energy University

### Powered By:





## Part 3:

# Productivity, Efficiency, and Profit Why Invest in Industry 4.0 Now

Industry 4.0 isn't just a buzzword — it's a game-changing opportunity for corrugated packaging businesses of all sizes. With smart factories powered by AI, automation, IoT, and ERP integration, companies can achieve faster, leaner, and more responsive operations. The next 10 years will separate the digital leaders from those left behind.

### Key Benefits of Industry 4.0

#### 1. Higher Productivity

Smart factories run 24/7 with fewer errors and downtime. Automation eliminates bottlenecks, allowing more boxes to be produced with fewer resources — potentially doubling output and significantly boosting revenue.

#### 2. Lower Costs, Higher Efficiency

Automation reduces labor needs, while AI and sensors cut material waste, energy use, and unplanned downtime. Predictive maintenance ensures machines run optimally, and integrated systems streamline inventory and order management.

#### 3. Better Quality, Fewer Errors

AI and smart sensors catch defects in real-time, ensuring consistent, high-quality output. Automated quality control means fewer returns, higher customer satisfaction, and stronger brand trust.

#### 4. Increased Flexibility

Digitally driven systems allow fast changeovers and customized orders without chaos. ERP/MES platforms provide real-time order tracking and let customers place or schedule orders online — a huge plus in today's fast-paced market.

#### 5. Enhanced Safety & Uptime

Drones and robots take on risky or repetitive tasks, reducing workplace injuries. Predictive analytics improves uptime to 90%+ by preventing breakdowns before they occur.

#### 6. Future-Proofing the Business

Global leaders are already deep into smart manufacturing. Early adoption gives businesses a competitive edge, attracts clients, and makes them eligible for government incentives and financing programs.

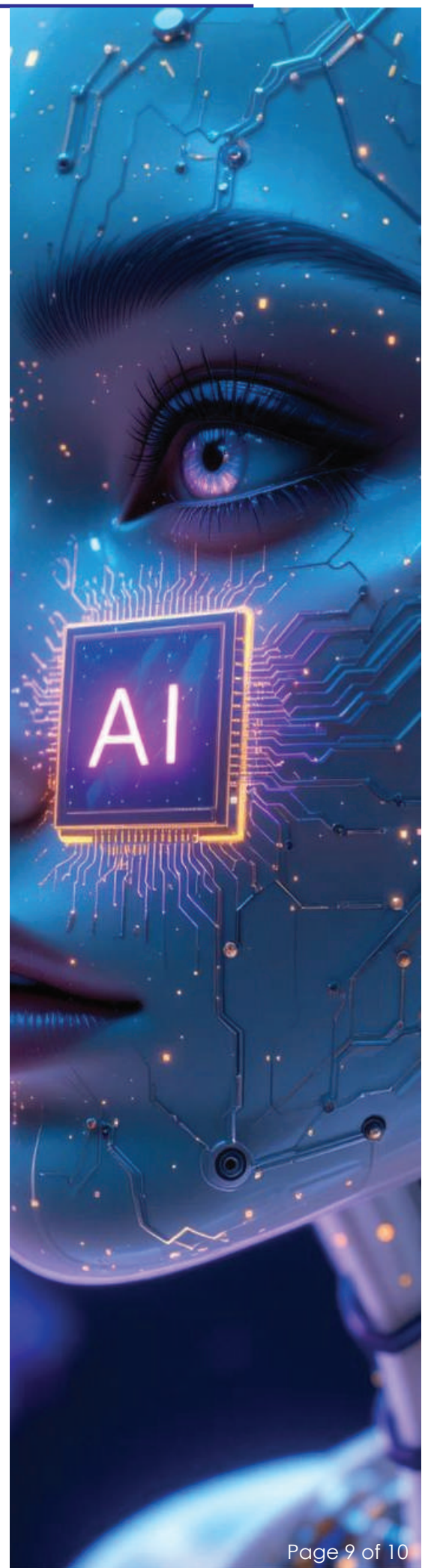


## It's Not About Replacing Workers – It's About Evolving

Industry 4.0 does shift jobs, but it also creates new ones — in robotics, data analysis, system integration, and software management. Upskilling workers for these roles ensures they remain valuable assets in a more advanced factory.

### Real-World Success Is Already Happening

From Malaysia to Vietnam, corrugated manufacturers are reporting better output, fewer errors, and faster lead times thanks to automation and AI. Global giants like Smurfit Kappa are already showcasing smart factories with full ERP-MES integration and AI-powered quality control.



# 10 Fascinating Facts about Corrugated Paper in Southeast Asia

1. **The regional market is growing at a steady CAGR of 4%**, driven by e-commerce, sustainability goals, and demand for lightweight packaging.
2. **Corrugated board packaging can cut costs by up to 36%**, depending on box design and stacking strength — a major win for logistics and retail.
3. **Indonesia's SCG Packaging acquired Fajar Surya Wisesa for USD 665 million** boosting its corrugated capacity and ASEAN footprint
4. **Thailand's food industry fuels corrugated demand**, with over 9,000 food processing companies relying on moisture-resistant packaging
5. **Malaysia's corrugated packaging firms like Harta Packaging**, are expanding operations to meet rising demand.
6. **Singapore's National Environment Agency introduced sustainability regulations in 2017**, influencing corrugated packaging standards.
7. **Vietnam's consumer goods boom is driving corrugated box usage**, especially in food and beverage sectors.
8. **Corrugated packaging supports sustainability goals**, being biodegradable, recyclable, and increasingly made from renewable sources.
9. **The Philippines is seeing growth in corrugated packaging**, thanks to economic expansion and rising demand for processed goods.
10. **Corrugated packaging is evolving with tech**, including zero-defect systems, cooler corrugating, and nanotech-enhanced materials.

