

The Magazine for Supply Chain & Logistics Professionals in Asia | November 2022

SUPPLY CHAIN ASIA

Connect. Communicate. Collaborate.



SUPPLY CHAIN ASIA AWARDS & GALA DINNER

10th November 2022
Hilton Orchard, Singapore



Shaping the logistics centres of tomorrow, because surprises shouldn't wait for anything.

As customers ourselves, we understand that the stakes are high when it comes to successful deliveries. Journey with us to create resilient and sustainable supply chain strategies, to integrate the latest warehouse technologies, and to scout for the best logistics sites for your business.



Take a peek at how we're shaping the future of logistics for a better world.



Contents

05 Awards Brief

08 Individual Recognition Awards

28 Supply Chain Innovator of the Year Awards

54 Special Mentioned Awards

58 Corporate Awards



The views and opinions expressed or implied in Supply Chain Asia Magazine do not necessarily reflect those of Supply Chain Asia Community Ltd. No responsibility is accepted for the claims made in advertisements, articles, photographs or illustrations contained in this publication. Unsolicited material will not be returned. No part of this magazine may be reproduced without the written permission of Supply Chain Asia Community Ltd. All rights reserved. All information is correct at time of printing.

Search Supply Chain Asia
on social media!





President's Message

PAUL LIM
Founder/President, Supply Chain Asia

It's been over two years since we last held our Awards at Resort World Sentosa on 19th September 2019. The best thing to arise out of Covid-19 must be that we now appreciate face-to-face meetings more than before.

Supply Chain Asia has never been too formal in organising our events, except for the Awards celebration, whereby we set this up as a Black-Tie ceremony. Even then, we still maintain a relatively open style that encourages those attending that getting to know each other is more important than winning awards.

Or maybe I am wrong in this matter.

Supply Chain Asia Awards originated from FTB Asia Awards before two of their key executives came to join us. The first event was branded as Supply Chain Asia Logistics Awards in 2007 and was held in rotating order between Singapore, Hong Kong, and Shanghai. The event was renamed Supply Chain Asia Awards in 2015 when we decided to host it in Singapore for good.

Over the years, I have had my share of brickbats, anger, and disbelief over who should win and which table location a company should be allocated. At times, we even got fee-for-trophy offers.

It has also been very challenging to approach finalists, nominees, and awardees to accept their selection. The feeling falls between frustration and desperation – as we grapple with the fact that awardees, nominees, and finalists must be credible enough, yet understand that those who are, tend to be too humble or in a state of disbelief to accept on the first call.

Supply Chain Asia Awards has always been a platform and an excuse for us to bring the industry together. However, without a good reason, then the gathering becomes meaningless. Thus, the recognition and awards.

We hope many of you have enjoyed the event. At the same time, we hope you can continue to celebrate the successes of the individuals and companies that have gotten their awards this year.

A handwritten signature in black ink that reads "Paul Lim". The signature is stylized and written in a cursive-like font.

EXECUTIVE COMMITTEES @ SUPPLY CHAIN ASIA

The Executive Council

Chairperson

Onno Boots

President & Chief Executive Officer, Asia Pacific, Geodis

Core Members

Allen Wan, Director, Asia Pacific, Cordis Asia Pacific

Jaya Moorthi Sinniah Pillai, Vice President, Global Supply Chain, Schneider Electric

Jorge Juan Muñoz Fernandez, Vice President Group Procurement, Telenor

Koh Jin Kiat, Senior Vice President, Group Customer Engagement & Commercial, Singapore Post

Law Chung Ming, Executive Director, Transport & Logistics, Enterprise Singapore (ESG)

Lee Eng Keat, Head, Strategy and Program Office, Singapore Post

Ngien Hoon Ping, Chief Executive Officer, Supply Chain, Fairprice Group

Vijay Anand, Vice President, Travel, Transportation & Logistics Industries, IBM

The Shippers Council

Chairperson

Allen Wan

Director, Asia Pacific, Cordis Asia Pacific

Members

Jaya Moorthi Sinniah Pillai, Vice President, Global Supply Chain, Schneider Electric

Kevan Chim, Head, Regional Logistics Operations, Asia, Bayer

Navin Salian, Senior Manager Logistics APAC, Microsoft

Peter Chiong, Director, Operations - Asia Pacific & Latin America, Harley-Davidson Motor Company

Roland Chong, Senior Director, Head of Global Supply Chain Processes & Trade Management, QIAGEN

Tan Boon Hao, Senior Manager, Logistics Operations, 3M

The Procurement Council

Chairperson

Jorge Juan Muñoz Fernandez

Vice President Group Procurement, Telenor

Members

Chee Chiew Wong (Ph.D), Vice President, Kearney, Southeast Asia

Gerard Seng, Executive Director, BDO Singapore

Jonathan Cheung, Chairman & Chief Executive Officer of Global Wellness Force (GWF)

Kobu Kotaraju, Head – Procurement SRM Samsung C&T Corporation

Lin Chee Kin, Vice President, Singapore Post

Mainul Hasan Rumen, Senior Manager Group Procurement, Telenor Procurement Company

Michael Pleuger, Co-Founder & Chief Executive Officer, Akirolabs GmbH

Peter Woon, Managing Director, Koru Greentech

Philip Cheng, Vice President, Services and General Procurement, Asia Pacific, IBM

Ramesh Krishnamoorthy, Head of Spend Management – Asia Pacific & Japan, Philips

Sebastian Chua, Head of Procurement, Health Promotion Board

Terence Lee, Chief Procurement Officer, Asia Pacific,

GEODIS Supply Chain Optimization

Tiow Wei Yeong, Vice President, Global Supplier Management,

Sourcing & Procurement AMEA (Asia Pacific, Middle East & Africa),

Mondelēz International

Tech Industry Council

Chairperson

Vijay Anand

Vice President, Travel, Transportation & Logistics Industries, IBM

Members

Alvin Ea, Co-Founder & Chief Executive Officer, Haulio

Benedict Kothe, Managing Director, Singapore & Malaysia, Jungheinrich

Lift Truck Singapore Pte Ltd

Eugene Lee, Chief Growth Officer, SWAT

Freddy Fam, Regional B2B Product and Strategy Management, ASEAN and Oceania, Samsung Electronics

Jonathan Tan, Managing Director, Unabiz Singapore

Mark Lim, Head of Commercial, Singapore Post

Rahul Nambiar, Co-Founder & Chief Executive Officer, BotSync

Soh Cheah Choon, Partner, Sumin LLP

BE PART OF OUR **GROWING**
SUPPLY CHAIN COMMUNITY
IN ASIA



SUPPLY CHAIN ASIA
AWARDS
& GALA DINNER

10th November 2022
Hilton Orchard, Singapore
6.00pm - 10.00pm

THANK YOU FOR JOINING US!

www.supplychainasia.org

Awards Brief

The Supply Chain Asia (SCA) Awards aims to celebrate the achievements of professional individuals and corporations that have contributed to the growth and development of the industry. Now into its fifteenth year, the Awards recognises best in class activity, rewarding executives who have delivered excellence, as well as companies that have adopted creativity and innovation in their business operations, thus leading to successful outcomes.

The year's event includes special mentioned awards for both individual and corporation that have made a difference to the community for their roles during the Covid-19 pandemic.

Individual Recognition Awards

This category is dedicated to recognising outstanding individual performances and exemplary service. Individuals are nominated by industry professionals, community members and the Awards committee members.

Corporate Awards

SCA offers two core awards for corporations involved in the provision of supply chain and logistics services:

- **Conferred Awards.** The Supply Chain Innovator of the Year awards are accorded to companies who have successfully developed, crafted or deployed innovative and transformative projects. The nominations of recognition awards are selected from industry professionals and community members of SCA.
- **Competing Awards.** To qualify for these awards, companies will need to pass through a nomination and selection process, acceptance of the nomination and finally voted to win by a Panel of Judges as well as SCA Awards Committee members. The nomination and selection process are held from April-August. Nominated companies need to accept their nominations before they can compete to win the award.

Overall Supply Chain Partner of the Year

The Overall Supply Chain Partner of the Year is open to ALL CORPORATE FINALISTS who meet the following criteria:

- Presence during the Awards celebration
- Strong leadership team (or at least visible leaders with strong profiles in the industry)
- Have a regional presence (in at least five countries in Asia)
- Provide supply chain and logistics related services and solutions with focus on adoption and intensive use of technology

The final list of companies will be voted by the Panel of Judges and presented for live voting during the Awards Night.



Awards Chairman's Message

JAYA MOORTHY
Vice President, Global Supply Chain,
Schneider Electric

We are back again after two years of "hiatus". The pandemic disrupted our lives and brought mankind to our knees. We witnessed two long years of pain, suffering, colossal setbacks as well as demonstration of exceptional resilience, courage, leadership and character.

I asked myself what I really have learnt over this period. A few lessons come to mind.

We were reminded of the fragility of human lives and extend of unpredictability that we face. Humans are a fragile lot and our real strength is when we come together as a family, team, community or nation. It is our bonds and relationship that gave us confidence and hope. It is a reminder from Earth & Divinity, that our eco-system should not be taken for granted and it will spin us over if we do not treat it respectfully and be kind to it. It revealed that "less is more". It is important to pause and genuinely reflect what is important and elect quality over quantity.

Embrace, cherish and glow in uncertainty. That is my second lesson. I was taught that uncertainty should be avoided and we must do what is necessary to quell it. However, pandemic, geo-political challenges, and pace of technology, amongst others, demonstrated that uncertainty is the norm. "You can run but you cannot escape". Organisations are realising that without uncertainty, a real breakthrough or change is short-lived. One must be willing to take that risk. Step into the murky waters and with courage and boldness, you will find opportunities. As the saying "rainbow only comes after the rain", I also realised these skills of navigating ambiguity, tolerance and uncertainty can be taught as well as learnt. We need to call on our personal and professional resilience on the entire continuum of mental, emotional, physical and social aspects of ourselves to adapt effectively.

Next, "perpetual learning" has taken a new dimension. With the hyper transformation of technology, tsunami of digital-inspired opportunities, new paradigm of thinking and future of work, the need for perpetual learning is being ingrained into the workforce and education eco-system. Educational institutions, organisations and private training sectors have a role of in "learning anything, anywhere and everywhere". To unlearn and relearn is not new but the pace, urgency and importance reverberates more loudly and widely than ever.

Apart from this, the importance of supply chain is elevated to levels of the boardrooms, and government agencies. The exacerbations of costs, delays, labour and material shortage exposed the weakness and vulnerabilities of the global interconnected world. We are entering the phase of re-imagining our world and this requires a new generation of leadership to question the norms, sense of curiosity, creativity and enable a fusion of talent. It is timely that SCA awards individuals and organisations that have proven themselves exceptionally in this challenging period.

I would like to thank the Award committee for the efforts and sound discussions to finalise the esteemed winners. Having said that, I must pause and thank Paul who is the single reason why we have this event. His passion is tattooed in everyone's mind and has become synonym to SCA. I appreciate and am humbled to be Chair for the Award committee again, the last being 2019. It is a privilege.

On behalf of the Award committee, I would like to share my heartiest congratulations to all the nominees, winners and equally my appreciation to everyone for taking time and effort to be present for the prestigious and memorable event.

Chairman, Awards 2022

Awards 2022 Committee Members & Judges

Chairperson



Jaya Moorthi
Vice President,
Global Supply Chain,
Schneider Electric

Committee Members



Allen Wan
Director, APAC,
Cordis Asia Pacific



Jonathan Cheung
Chairman & CEO,
Global Wellness Force



Lee Eng Keat
Head, Strategy and
Program Office,
Singapore Post



Michael Ignatiadis
Head of Supply Chain
& Logistics Solutions –
APAC, JLL



Sebastian Chua
Head of Procurement,
Health Promotion Board



Vijay Anand
Vice President,
Travel, Transportation &
Logistics, IBM

Judges



Benny Woenardi
Managing Director,
Cikarang Dry Port (ID)



Durairaj Veeraiyah
Principal Consultant,
D&SF Consulting Asia
Pacific (MY)



Julien Brun
Co-founder, Vietnam
Supply Chain Community
(VSCC, VN)



Kenneth Lim
Assistant CEO, Maritime
Port Authority (SG)



Kent Valderrama
Member, Board of Trustees,
Society of Fellows in Supply
Management (SOFSM, PH)



Mark Yong
Managing Director, Blume
Global (HKG)



Michael Lee
Managing Director, Asianet
Consultants (HKG)



Roland Chong
Senior Director, Head of Global
Supply Chain Processes &
Trade Management, QIAGEN



Tan Yan Weng
Faculty member, Singapore
University of Social Sciences
(SUSS)



SUPPLY CHAIN ASIA
AWARDS

**INDIVIDUAL
RECOGNITION AWARDS**

INDIVIDUAL RECOGNITION AWARDS

SCA offers a platform to recognise individual contributions to their companies and communities. Individuals are nominated by industry professionals, community members and the Awards committee members. The following are the various individual recognition awards presented by SCA:

Award	Description	How to Qualify
Supply Chain Trainee of the Year	Must have participated in professional development programmes administered by recognised institutions	Professionals who have shown commitment to continuous learning and personal development.
Young Supply Chain Professional of the Year	For young professionals below 35 years old	Professionals who have shown high potential in their individual contributions to both their organisation and community.
Supply Chain Executive of the Year	Reserved for executives involved in the provision of logistics and supply chain services	Nominated individuals must have contributed to their organisation's growth and must be actively involved in community services (in personal or professional capacity).
Supply Chain Professional of the Year	For cargo owners and supply chain professionals involved in manufacturing and distribution	Nominated individuals must have contributed to their organisation's growth and must be actively involved in community services (in personal or professional capacity).
Supply Chain Educator of the Year	For trainers, professors or educators in the supply chain/ logistics sector	Nominated individuals must show commitment, passion and participate actively in the industry development programmes relating to education and training.
Most Inspiring Professional of the Year	For senior professionals with volunteering experience in industry work	Nominated individuals must have contributed to industry development work as a volunteer in associations and non-governmental organisations.
Visionary of the Year	For senior executives working in governmental and non-commercial organisations	This award is accorded to senior professionals in various governmental and non-commercial capacities and have contributed extensively to industry growth and developments. Individuals accorded this award must have spent at least 12 years in senior management positions.
Supply Chain Woman of the Year	For senior female senior executives involved in supply chain and logistics management	Nominated individuals must have contributed to their organisation's growth and must be actively involved in community services (in personal or professional capacity).
Supply Chain SME CEO of the Year	For CEOs (or equivalent) of country-based SME LSPs	Nominated individuals must show that they have contributed effectively to their organisation's growth and success in the industry.
Supply Chain CEO of the Year	For CEOs (or equivalent) of MNC LSPs	Nominated individuals must show that they have contributed effectively to their organisation's growth and success in the industry.
Honorary Fellows	For senior professionals with more than 25 years of experience	Honorary Fellowship Award is accorded to senior professionals who have contributed extensively to either their organisation or industry growth and developments. Individuals accorded this award must have spent at least 15 years in senior management positions.
Hall of Fame	For the highest-ranking regional senior executives in LSPs	Nominated individuals must be senior supply chain/ logistics professionals with distinguished careers in the supply chain and logistics industry.

INDIVIDUAL RECOGNITION AWARDS

SUPPLY CHAIN TRAINEE OF THE YEAR



LEE KIM HUAT

*REGIONAL HEAD, NETWORK
SOURCING & DELIVERY
OPERATIONS, ASIA PACIFIC,
TATA COMMUNICATIONS*

Lee Kim Huat has over 20 years of international experience in the telecommunications industry, with the last 12 years in network capacity acquisition and building network points of presence.

Kim Huat joined Tata Communications in October 2009 as an Access Strategist tasked with network access planning and carrier relationship management with Asia Pacific telecommunications providers. He is currently the Regional Head for Network Sourcing and Delivery Operations for Asia Pacific region. In this role, Kim Huat's key responsibility is to drive the cost-effective procurement of network capacities in Asia Pacific to support the digitalisation journey and network requirements of Tata Communications' customers. He is also responsible for formulating mid-term regional network and supplier strategy plans to enhance and grow Tata Communications' footprint.

Prior to that, Kim Huat was with Singapore Telecommunications Limited (Singtel) for 10 years in a myriad of roles across business planning & strategy, product management, business development and engineering which added to his well-rounded knowledge and experience. During his tenure at Singtel, he enhanced the Satellite services and implemented targeted marketing plans that grew the revenues and the market share for Satellite services in the Southeast Asia region.

He has a Bachelor of Applied Science (Computer Engineering) (Merit) from Nanyang Technological University (NTU) and a Diploma in Financial Management from ACCA.

In September 2022, he completed the Advanced Diploma in Logistics and Supply Chain Management & Transformation that was administered by Singapore Management University (SMU) Academy and facilitated by Supply Chain Asia.

INDIVIDUAL RECOGNITION AWARDS

YOUNG SUPPLY CHAIN PROFESSIONAL OF THE YEAR



LOH JUNE YONG

*CHIEF EXECUTIVE OFFICER,
VE CAPITAL ASIA GROUP PTE LTD*

Loh June Yong is a serial entrepreneur and was the Chief Executive Officer of CombineSell founded in November 2017, a Singapore data analytics-driven multichannel e-commerce technology company. As one of the fastest growing enterprise software players disrupting the digital market, the company was then acquired in 2019 by one of the fastest growing e-commerce enablers – Shopmatic Holdings Pte Ltd – joining forces to serve over a million of users in the Southeast Asia region.

June Yong then started VE Capital Asia Group – a management consulting and deep technology solutions and services holding group in the year 2020 – to provide complete, reliable, scalable and world-class level enterprise solutions under one roof, serving both SMEs and MNCs. Under the board management’s stewardship, the group went on to acquire six companies in six months during 2021, each specialising in different technological niche areas, such as Management Consulting, Software Development, Artificial Intelligence & Machine Learning Solutions, Robotic Automation, Cyber Security, as well as Corporate Adult Training. The group now owns more than 10 subsidiaries with presence in Singapore, Malaysia, Indonesia and Taiwan.

June Yong is also very actively involved in helping to develop the start-up ecosystem in Singapore. He joined Republic Polytechnic’s Business Incubation Centre as a business mentor to guide and inspire young start-up founders. Additionally, he has set up an “EnteRPrise Growth Fund” and pledged S\$2m together with Sheldon Global Pte Ltd to support not only Republic Polytechnic but also other Singapore start-ups.

INDIVIDUAL RECOGNITION AWARDS

SUPPLY CHAIN EXECUTIVE OF THE YEAR



DONOVAN NIAP

*DISTRICT MANAGER,
MORRISON EXPRESS*

Donovan Niap was appointed the District Manager (Country Head) for Morrison Express Singapore at the end of 2020. Morrison Express is a US\$1.3bn Taiwan-based freight forwarder providing full-fledged products consisting of Air, Ocean, Land, Warehousing and Value-Added Services, with Morrison Express Singapore becoming one of the top five export volume airfreight providers in Singapore in 2021.

Donovan has a total of 23 years in Supply Chain and Logistics, specialising in P&L Management, Freight Forwarding, Warehouse and Distribution Operations, Last Mile Delivery Solutions, Commodity and Collateral Supply Chain, Ground Transportation (Domestic and Cross-Border), as well as Ground Transportation Tech solutions.

Prior to joining Morrison Express, Donovan was the Regional Director Southeast Asia for Quincus, a Singapore-based tech company providing end-to-end programme solutions for last mile delivery operators, as well as courier companies. Donovan was responsible for setting up business units in Malaysia and Indonesia, as well as commercial development for Southeast Asia.

INDIVIDUAL RECOGNITION AWARDS

SUPPLY CHAIN PROFESSIONAL OF THE YEAR



JORGE JUAN MUÑOZ

*HEAD OF PROCUREMENT,
TELENOR*

With more than 25 years of international experience, Jorge Juan Muñoz has spent more than half of his professional career in senior leadership roles, in the scope of Global Procurement and Supply Chain Management, for major multinational companies, such as Vodafone Group, Maxis Berhad and Telenor Group.

Born in Spain, Jorge holds a Master of Engineering in Telecommunications, Computer Science and Information Technology Management degree from the University of Barcelona in Catalunya. Jorge initiated his career in Supply Chain Management and Business Operations, before subsequently evolving towards leadership roles in the centre of excellence for Vodafone Group in Germany, United Kingdom and Luxembourg.

In addition to holding the Vice President of Group Procurement and Group Head of Devices for Telenor Group post based in Singapore, Jorge is an active player in the industry, holding multiple posts, including being the Chairman of the Procurement Council of SCA.

INDIVIDUAL RECOGNITION AWARDS

SUPPLY CHAIN PROFESSIONAL OF THE YEAR



TIOW WEI YEONG

*VICE PRESIDENT, GLOBAL
SUPPLIER MANAGEMENT,
MONDELEZ*

Tiw Wei Yeong is currently the Vice President for Asia Pacific, Middle East and Africa for Mondelez International, leading end-to-end sourcing, operations and supplier performance teams for the region. Prior to Mondelez International, Wei Yeong spent three years in the pharmaceutical industry at Merck Sharpe & Dome (MSD), as the Head of Procurement for the JCAP region, accountable for all indirect sourcing teams strategies and operations across Japan, China and Asia Pacific cluster markets.

Before joining MSD, Wei Yeong was the Global Procurement Director for Diageo, based out of Singapore and led end-to-end procurement (supply/direct materials, marketing/commercial and indirects/overheads categories) for the teams across Asia Pacific. Wei Yeong also led the best cost country sourcing (BCCS) agenda for Diageo globally and was instrumental in the implementation of the solution for Diageo.

He built his career in Diageo through a succession of procurement roles, heading up procurement teams across the Southeast Asian markets and was also the pioneering member of marketing procurement for the region. Prior to Diageo, Wei Yeong led the regional packaging and ingredients category for Philip Morris across Asia Pacific manufacturing affiliates.

Wei Yeong is a trained engineer with a Bachelor's degree in electrical power engineering and a certified ISO 9001:2000 lead auditor. He is also a current EXCO member of Supply Chain Asia's Procurement Council aimed at progressing the function across industries.

INDIVIDUAL RECOGNITION AWARDS

SUPPLY CHAIN PROFESSIONAL OF THE YEAR



ALEX WANG

*HEAD, SAF CENTRE OF
LEADERSHIP DEVELOPMENT*

Alex Wang served as the SAF Chief Supply Officer from 2020 to 2022. Then, he led efforts such as the Army Next-Generation Equipping Concept, the Next-Generation SAF Retail Concept, and the Next-Generation Procurement System to harness technology to upgrade Army's logistical capabilities. Specifically, he pushed the Army Merchandise agenda to engender greater Commitment to Defence (C2D) and affiliation towards Our Singapore Army. COL Alex co-led the transformation of the Army's Building Infrastructure and Facilities Management (BIFM) system where he engineered the Pro-active Maintenance concept to maintain the buildings and infrastructure. In addition, he advocated for sustainable development through projects such as the installation of solar panels and water efficiency certification for Army camps. COL Alex continues to serve as Commander 9 Division Support Command (9 DISCOM).

COL Alex was instrumental in equipping and sustaining the Army through the Covid-19 pandemic, overseeing the procurement of emergency equipment such as air purifiers and antigen rapid test kits, as well as serving as Advisor to the Covid-19 Relief Task Force.

Prior to serving as Chief Supply Officer, COL Alex held various appointments such as G4, Headquarters 2nd People's Defence Force Command (HQ 2 PDF); G5/Head Plans Branch, Headquarters Combat Service Support Command (HQ CSSCOM); Head Manpower Plans Branch, Joint Manpower Division (JMPD); and Commanding Officer (CO), 1st SAF Transport Battalion (1 SAF TPT Bn).

COL Alex Wang is currently the Head SAF Centre for Leadership Development (CLD). CLD is the department responsible for Leadership concept development, curriculum development and Front Office (Programme and training delivery) for the SAF. CLD provides the "enablers" for all SAF Leaders to develop their individual leadership competencies and skills, build cohesive and effective teams and become stewards to lead organisation change.

INDIVIDUAL RECOGNITION AWARDS

SUPPLY CHAIN EDUCATOR OF THE YEAR



DR MARK GOH

*PROFESSOR (PRACTICE TRACK),
NATIONAL UNIVERSITY OF
SINGAPORE*

Dr Mark Goh received the Ph.D. degree from the University of Adelaide. In the National University of Singapore (NUS), he holds the appointments of the Director (Industry Research) at the Logistics Institute-Asia Pacific, a joint venture with Georgia Tech, USA, the Principal Researcher at the Centre for Transportation Research, and was the Programme Director of the Penn-State NUS Logistics Management Programme. He is currently a Professor with the NUS Business School and The Logistics Institute-Asia Pacific, NUS.

His current research interests are in sustainable operations management, MCDM, performance measurement, and supply chain strategy. With over 360 technical papers in internationally refereed journals and conferences, some of his work have appeared in works, such as Production and Operations Management, Transportation Science, IIE Transactions, and the European Journal of Operational Research. He is currently on the editorial boards of the Journal of Supply Chain Management, International Journal of Logistics Management and Logistics, among others.

Additionally, he was also a Board Member of the Chartered Institute of Transport (Singapore), past Chairman of the Academic Board of Examiners for the Singapore Institute of Purchasing and Materials Management, member of the Advisory Committee of the Transportation Resource Centre (NUS) and a past Vice President of the Operations Research Society of Singapore, Associate Senior Fellow of the Institute of Southeast Asian Studies.

INDIVIDUAL RECOGNITION AWARDS

MOST INSPIRING PROFESSIONAL OF THE YEAR



QUYEN NGUYEN

*CO-FOUNDER,
VIETNAM SUPPLY CHAIN
COMMUNITY*

Since 2008, Quyen Nguyen has co-founded Vietnam Supply Chain Community, a not-for-profit community with over 11,000 supply chain management, logistics, procurement professionals, business leaders in Vietnam and over 5,000 young talents for the industry. Besides creating opportunities for supply chain professionals to learn and share networks through different event formats, Vietnam Supply Chain Community also focuses on the SME Support Programme for Supply Chain Capability Building to help local companies in Vietnam to increase their readiness in taking part in global value chains.

Besides supply chains, Quyen is also passionate about Sustainability. She believes in the saying “be a part of the solution, not pollution” – if we cannot be a part of the solution and solve the problem, then we should not make the problem worse. Thus, among different business ideas, Quyen has chosen to create and lead Laiday Refill Station to truly become an inspiring business model in sustainable development through its circular business model: “3Ps: Profit – Planet – People”. Instead of sitting back and waiting for others to do the walk, Quyen wanted to find ways to reduce less plastic use and minimise wastes from our daily life, and founded Laiday Refill Station In 2018. Laiday Refill Station is the first bulk store in Vietnam where you can buy from over 400 eco-friendly reusable products and refill daily non-food products without causing unnecessary waste.

Quyen is also the Director at CEL, a supply chain consulting and technology firm specialising in emerging markets, contributing to the emergence of autonomous and sustainable supply chains, where data and technology allow supply chains to make their own decisions: predict, self-plan, self-react, and self-optimize.

INDIVIDUAL RECOGNITION AWARDS

VISIONARY OF THE YEAR



LAW CHUNG MING

*EXECUTIVE DIRECTOR,
ENTERPRISE SINGAPORE*

Law Chung Ming is the Executive Director for the Transport & Logistics Division of Enterprise Singapore. Enterprise Singapore is the government agency championing enterprise development, working with committed companies to build capabilities, innovate and internationalise.

Chung Ming started his career with Enterprise Singapore (then Trade Development Board) in July 1995 in the International Trading Division. In July 1998, he was posted to Taipei as Centre Director of Enterprise Singapore's Taipei Office. In July 2006, he eventually returned to Singapore and was seconded to the Singapore Ministry of Trade and Industry as a Strategist in the newly-established Futures Group. The Futures Group identifies emerging global developments and generates ideas for the Singapore economy of the future. Chung Ming was then appointed Group Director for the Transport & Logistics Group from November 2015.

Chung Ming works with companies in the Logistics, Aviation, Maritime, Land Transport, Logistics, E-commerce Supply Chain and Supply Chain Technology to develop capabilities, innovate, transform, and catalyse local and international partnerships. This encompasses coordination with Enterprise Singapore's overseas centres to develop trade and investment linkages between Singapore and global markets, providing in-market facilitation, market insights, intelligence, business and government connections, and consultancy advice for market entry and expansion into various regions.

INDIVIDUAL RECOGNITION AWARDS

SUPPLY CHAIN WOMAN OF THE YEAR



NEO SU YIN

*CHIEF EXECUTIVE OFFICER
SINGAPORE, SINGAPORE POST
LIMITED*

Neo Su Yin has more than 20 years of experience in operations and customer experience. Prior to joining Singapore Post (SingPost), Su Yin was General Manager at CAG, managing the ground operations and customer experience within the terminals. Before Changi Airport Group (CAG), Su Yin had a distinguished military career with the Republic of Singapore Navy for 17 years and held several key leadership roles, including commanding officer of a warship.

Su Yin was a Singapore Armed Forces Merit Scholar and holds a Master of Science (2nd Upper Class Hons) in Occupational Psychology from the University of Nottingham, United Kingdom. She is also a graduate of the United States Naval War College in Rhode Island, USA.

Su Yin is Chief Executive Officer, Singapore, for Singapore Post Limited (SingPost) since 1 November 2021. Su Yin first joined SingPost in April 2019 as Vice President, Customer Experience, lifting SingPost's service quality and customer experience for post and parcel delivery services. Subsequently, Su Yin undertook the management of SingPost's domestic post and parcel business, as well as driving the transformation strategy for the Future of Post. In her tenure with SingPost, Su Yin has elevated SingPost's service quality for its domestic business, as well as enhanced operational efficiencies and productivity.

INDIVIDUAL RECOGNITION AWARDS

SUPPLY CHAIN WOMAN OF THE YEAR



TOH HUI LING

*DEPUTY CHIEF EXECUTIVE
OFFICER, FAIRPRICE GROUP
SUPPLY CHAIN*

Toh Hui Leng serves as the Chief Operating Officer at FairPrice Group Supply Chain (FPGSC). Chief amongst her responsibilities includes leading FPGSC's Operations to ensure on-time deliveries to all FairPrice, Cheers, Unity, and online customers, ranging from dry to fresh food, and grocery items. Prior to joining FairPrice over 20 years ago, Hui Leng served as the Chief Accountant for a French freight & logistics MNC, and prior to that, an auditor in the Auditor-General's Office.

During her tenure at FairPrice, Hui Leng has been instrumental in driving and operationalising the transformation of manual logistics operations, deploying various state-of-art technologies and automation.

Hui Leng's responsibilities also include providing strategic guidance for business development initiatives. The year 2021 saw a notable partnership with Alibaba's logistics arm, Cainiao. Hui Leng continues to focus on building strong partnerships with other companies, tapping on synergistic energies and capabilities to achieve win-wins in not just optimising supply chain and logistics operations, but also attaining supply chain resilience for FPGSC and its customers and partners. Hui Leng is deeply passionate in driving this into a New Normal, where global chain disruptions, arising from increasingly frequent adverse events, have become the norm rather than the exception.

INDIVIDUAL RECOGNITION AWARDS

SUPPLY CHAIN SME CEO OF THE YEAR



KOH SAN JOO

*MANAGING DIRECTOR,
IHUB SOLUTIONS*

Koh San Joo is the Founder and Managing Director of iHub Solutions. He holds a Degree in Mechanical Engineering and a Master of Science in Computer Integrated Manufacturing, majoring in Artificial Intelligence and Robotics.

San Joo's career spans manufacturing, precision engineering, as well as the logistics and supply chain industries. He has also successfully led a local SME to become the first Singapore logistics company to attain the ISO 9002 Quality system certification.

In 2003, San Joo established iHub Solutions with a vision to transform the logistics landscape and be the global digital leader in complex supply chain logistics. iHub has since expanded regionally to Malaysia, Bangkok, Hong Kong and Philippines. In 2019, iHub was awarded 'Singapore Quality Class with Innovation' by Enterprise Singapore and 'Supply Chain Innovation of the Year (LSP/SME)' by SCA, which affirmed the digital transformation and innovative capabilities of its business.

San Joo's core interests include his continual drive for digitisation and development of Smart Logistics Systems to deliver service excellence, customer-centric solutions and highly skilled jobs that will benefit all stakeholders.

INDIVIDUAL RECOGNITION AWARDS

SUPPLY CHAIN CEO OF THE YEAR



DR NIKLAS WILMKING

*CHIEF EXECUTIVE OFFICER, APAC,
DB SCHENKER*

Following his successful tenure as Executive Vice President Global Airfreight at DB Schenker Head Office in Essen, Germany, responsible for the global airfreight network, flight operations, procurement, revenue management, operational excellence and digitalisation, Dr Niklas Wilmking returned to the Asia Pacific region end of 2020, based in the Regional Head Office in Singapore to lead its over 15,000 strong workforce across 20 countries.

Niklas led the region to successive years of record results in the region, as well as spearheaded the regional digital and cultural transformation, amid the backdrop of the pandemic and under trying circumstances. Apart from stellar performance in the region for the DB Group, Niklas also initiated New-Ways-of-Working Transformation of the workplace, and radically improved diversity representation among Senior Management in the region.

Niklas's distinct brand of servant leadership is indeed radical and transformational, a delicate and optimal balance of performance, inspiration, visionary, as well as a sustainable and responsible culture, and its efficacy is clearly evident in the extrinsic and intrinsic results.

Since joining Schenker in 2002, Niklas has held various operational and corporate leadership positions in Europe, Asia as well as Global roles, including extensive stints in Asia Pacific leading corporate strategic transformation projects and managing comprehensive portfolios of P&L.

INDIVIDUAL RECOGNITION AWARDS

HONORARY FELLOWS



KOH JIN KIAT

*SENIOR VICE PRESIDENT,
SINGAPORE POST*

Koh Jin Kiat has a diverse background in supply chain management, spanning both the industrial and consumer sectors. Working with iconic global brands from both B2B and B2C segments, such as Reader's Digest and Harley-Davidson, Jin Kiat has been a pioneer at several organisations. He was an early member of Vector SCM, a 4PL supply chain management company that was set up to manage General Motors' global supply chain in 2000, as well as the first regional employee for Harley-Davidson's Asia Pacific Headquarters in Singapore.

Jin Kiat's relationship with SCA started at the inaugural Supply Chain Asia Forum in 2006 in Bangkok as one of the first speakers at the event. Since then, he has continued to be an active member and avid supporter of SCA and the community. He has since served on multiple committees within SCA, and was also the Chairman of the Awards Committee on several occasions. During the early days of the establishment of SCA Academy, Jin Kiat was a trainer, course facilitator and curriculum developer for courses offered by SCA.

His passion for training and development extends beyond the supply chain community, with Jin Kiat currently serving on the Advisory Committee at the Singapore Polytechnic School of Business. Today, Jin Kiat continues his journey in the industry as Senior Vice President, Customer Engagement and Commercial at SingPost, where he oversees the commercial, customer experience and corporate communications functions for the Group.

INDIVIDUAL RECOGNITION AWARDS

HONORARY FELLOWS



PAUL WILLIAM BRADLEY

*CHAIRMAN &
CHIEF EXECUTIVE OFFICER,
CAPRICA INTERNATIONAL*

Paul William Bradley has built a distinguished global career spanning leadership roles in shipping, freight forwarding, logistics, supply chain management, government service and entrepreneurship. He has built seven companies across 14 countries and participated in two successful IPOs with valuations exceeding US\$500m.

Paul is currently the CEO of Caprica International. He started his career in APL's management training program; created NYK Line's Dallas, Texas Office and then headed the Far East Management Centre in Hong Kong; served as ASEAN General Manager, launching BDP International (a HAVI & BDP joint venture); served in the Li & Fung Group as Managing Director of IDS Logistics International (the first 4PL in Asia) and IDS Singapore; and as President of Arshiya Limited in India (creating the first FTWZ logistics parks, a private railroad, tech company, 3PL and 4PL entities and JVs in Dubai, Qatar and Oman). He serves on business and university advisory boards, and is a mentor to tech start-ups.

Paul received his MIM/MBA Degree in International Management from the Thunderbird School of Global Management and completed executive programmes at Stanford, Wharton and the Asian Institute of Management. He was selected by the World Economic Forum as one of the forty "New Asian Leaders" and was selected as "Asian Supply Chain Manager of the Year" by Lloyds FTB Publications. Paul served as Vice Chairman of Supply Chain Asia and is a Senior Fellow of SCA, Fellow of the Chartered Institute of Logistics and Transport and Certified Professional Logistician.

INDIVIDUAL RECOGNITION AWARDS

HONORARY FELLOWS



SUNDI AIYER

*SENIOR PARTNER DEVELOPMENT
LEADER, AMAZON WEB SERVICES*

Sundi Aiyer is a senior business and technology leader who has been active in the global and Asian supply chain industry for over three decades. He brings deep expertise in delivering innovations through AI & ML, Analytics, IOT, ERP, and SCM. In his current role as Senior Partner Development Leader at Amazon Web Services (AWS), Sundi collaborates with Global System Integrators and Influencers to deliver innovative technology capabilities and business value to companies across ASEAN – as they transform to become cloud-ready and benefit from the agility, scalability, and cost effectiveness that AWS offers.

Prior to AWS, Sundi held leadership roles with Accenture, McKinsey, Capgemini, EY, Andersen Business Consulting, SABRE Decision Technologies, and Penske Logistics. He also founded and managed his advisory firm, ADEXOE Consulting. Sundi has been based in Singapore for the past 15 years. During this time, he has served customers in 17 countries across Asia Pacific Japan, Greater China, India, and U.A.E., after building the earlier part of his career in the US and Europe. Over the course of his career, he has worked with leading Consumer Products, Manufacturing, Mining, Automotive, Energy, Utilities, Banking & Financial Services, Life Sciences, Technology, Airlines, Transportation, and E-Commerce companies.

Sundi has served as the Vice President & Executive Council Member of the SCM Chapter of the Singapore Computer Society since 2017. He has been an Advisory Board Member of the Supply Chain and Logistics Academy since 2016. He is also an Industry Expert Mentor for Supply Chain Angels. He has also contributed to the Asian supply chain community through Advisory Board and Executive Committee leadership roles at SCA since 2010. Sundi regularly speaks at conferences and events on business, technology trends and best practices, and is frequently invited to share insights and perspectives with the media.

INDIVIDUAL RECOGNITION AWARDS

HONORARY FELLOWS



RAYMOND HEMAN

*CHIEF PROCUREMENT OFFICER,
COMBINED PET, INDORAMA
VENTURES*

Raymond Heman is an accomplished global senior executive with more than 30 years of global supply chain and direct/indirect procurement experience in the transportation, electronics, defence and the chemical industries. Known as an innovative producer who successfully builds cross-functional teams, solves ever-changing needs, develops talent, and positively impacts an organisation to reach and exceed short and long-term goals, he has completed a Fortune 500 LDP Programme and relocated from Asia to the Americas.

Raymond was presented with the “Supply Chain Innovator Award” by Gartner for supply chain excellence in companies with less than \$10B in revenue, and named Supply Chain Professional of Year by SCA. He has spearheaded a full scope of E2E Supply Chain Digitalisation effort, reaping full return-on-investment within two years. He has also enhanced supply chain resiliency while delivering more than \$150m of savings throughout integration of newly acquired companies and sites.

Raymond has achieved “Certified Supplier of the Year” from key strategic customers by outperforming competitors through the development of robust crisis management plans and laser-focused execution. Additionally, he has attained “Operational Excellence Award” for uninterrupted continuity of operations at all manufacturing sites.

INDIVIDUAL RECOGNITION AWARDS

HALL OF FAME



William Ma is the Group Managing Director of Kerry Logistics Network Limited. He had served as member and/or an Advisory Committee Member in various HKSAR government committees, quasi-government bodies, non-government organisations and education institutions over the years.

In November 2017, William was selected as an awardee for Directors of Year Awards 2017 in the Executive Directors category of Listed Companies (SEHK - Hang Seng Indexes Constituents), organised by The Hong Kong Institute of Directors. In June 2018, he was named as Best CEO in 2018 All-Asia Executive Team annual ranking (Transportation Sector) by Institutional Investor.

In December 2018, William was honoured with the Best CEO (Logistics) Award at The Asset Corporate Awards by The Asset Magazine.

WILLIAM MA

*GROUP MANAGING DIRECTOR,
KERRY LOGISTICS NETWORK
LIMITED*



SUPPLY CHAIN ASIA
AWARDS

**CONFERRED
CORPORATE AWARDS**

CONFERRED CORPORATE AWARDS

SUPPLY CHAIN INNOVATOR OF THE YEAR

Supply Chain Innovator of the Year awards are accorded to companies that have successfully developed, crafted or deployed innovative and transformative projects. The nominations of the conferred corporate awards are selected by industry professionals, community members and the Awards committee members.

Supply Chain Innovator of the Year		
Award	Description	Awardees
Start-up	Start-ups that showcase innovative and transformative technologies in their solutions and service offerings.	SWAT Mobility
MNC	Multinational companies in Asia Pacific that adopt the most innovative and transformative technologies in their operations.	CEVA Logistics GEODIS
Large Enterprise	Large enterprises in Asia Pacific that adopt the most innovative and transformative technologies in their operations.	YCH Group
Warehouse Automation	Awarded to the adoption of innovative and transformative automation, specifically in warehouses and logistics facilities.	Bolloré Logistics Kardex
Warehouse Robotics	Awarded to companies involved in the development of autonomous robotics machines and applications, and have proven successful installations and adoption of its solutions, specifically in warehouses and logistics facilities.	xSQUARE
Airport Operations Automation	Awarded to air terminals that have displayed the use of innovative and transformative automation.	Hong Kong Air Cargo Terminals Limited (Hactl)
Grocery Supply Chain Innovation	Awarded to operations specialised in grocery supply chain that adopt innovative strategies and technologically advanced solutions.	NTUC-Fair Price Group
Intelligent Distribution Solution	Awarded to companies that have developed or innovated tech-related solutions leading to the improvement and enhancement of logistics – in areas such as transportation, warehousing and supply chain operations.	RichLand Logistics
Warehouse Intelligence Automation	Awarded to companies involved in the development of algorithms/intelligence or machine applications, and have proven successful installations and adoption of its solutions, specifically in warehouses and logistics facilities.	InfoLog
Freight Intelligence System	Awarded to companies involved in the development of algorithms/intelligence or machine applications, and have proven successful installations and adoption of its solutions, specifically in the shipping industry.	SCF Global

CONFERRED CORPORATE AWARDS

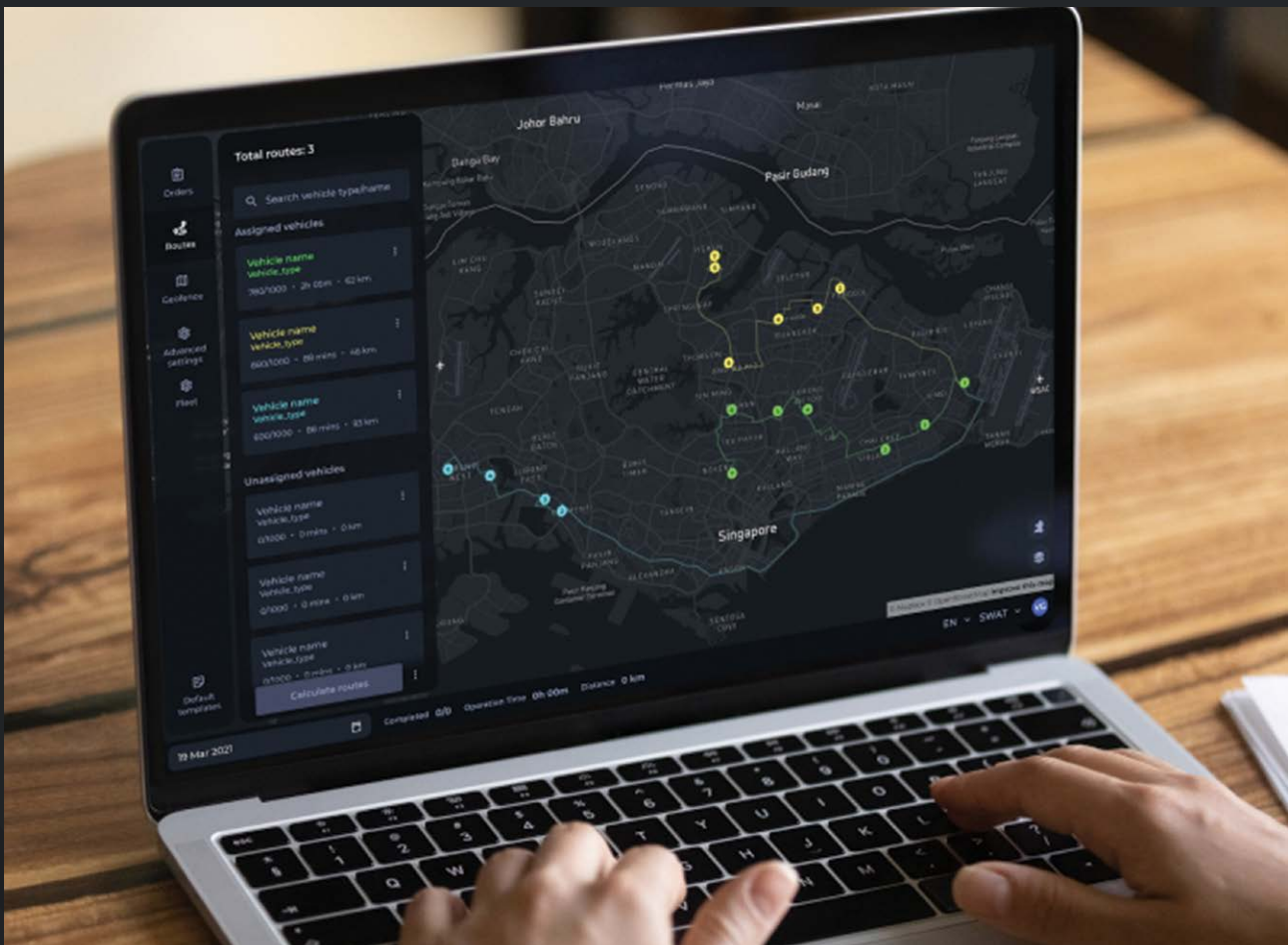
SUPPLY CHAIN INNOVATOR OF THE YEAR

START-UP SWAT MOBILITY



SWAT Mobility (SWAT) is the leading smart mobility solutions firm in Southeast Asia, specialising in demand-responsive, ridesharing technology that operates with high-capacity vehicles.

With a mission to inspire communities to move more with less and contribute to a sustainable tomorrow, SWAT endeavours to drive impact on economic, green and social sustainability by improving resource-use efficiency, reducing carbon emissions and creating safe and accessible transport systems for all.



CONFERRED CORPORATE AWARDS

SUPPLY CHAIN INNOVATOR OF THE YEAR

START-UP SWAT MOBILITY

SWAT works closely with city governments and large organisations to optimise public and corporate transportation, addressing key mobility challenges such as traffic congestion and lack of accessibility and connectivity.

Since its inception, SWAT has pioneered solutions that digitalise the traditional method of providing transportation services for multiple large companies in Southeast Asia and Japan. Its integrated products help companies increase transport efficiency and automate transport planning. Most recently, its technology has been applied to the movement of goods, aiding logistics operators in their dynamic operations with applications and API for load optimisation and route planning.

Behind SWAT's operations are its proprietary tech capabilities and algorithm that computes efficient shared rides and moves large volumes of people and goods, while minimising factors such as the number of vehicles required and the overall travel distance and time. SWAT's algorithm holds a record on the global Li & Lim benchmark in optimisation efficiency.

To date, it has completed over five million dynamically-routed rides for commuters across eight markets.

In 2021, SWAT Mobility was listed on Forbes Asia 100 to Watch list as a start-up on the rise in the Asia Pacific region.



The graphic features a central title "SWAT Mobility's Front-end Visibility Tools" in bold black text. Below the title, a laptop on the left displays a dark-themed dashboard with a map of Singapore and various data points. On the right, a smartphone displays a "Delivery Points" app interface with a list of delivery locations, including "777 Lucky Valley Lane" and "777 Lucky Valley 507777", each with a status indicator (green checkmark) and a phone number. The background is a blurred city street at night with glowing light trails and location pin icons connected by white lines.

1 Route Generator (Planning Tool), Analytics & Insights Dashboard

2 Driver App



CONFERRED CORPORATE AWARDS

SUPPLY CHAIN INNOVATOR OF THE YEAR

MNC CEVA LOGISTICS



Innovation is at the top of CEVA's agenda because Innovation is necessary. Our customers expect us to match their own ambitions with a constant flow of new ideas in the 21st century's 24/7 economy. We design and develop solutions which improve the way we interact with our customers, while simultaneously improving efficiency. Innovations make working more ergonomic, flexible, efficient, clean and environment-friendly. We look at every aspect of the business to see where we can innovate and bring commercial benefits to our customers - everything from packing machines which automatically fold and fit boxes around an order to robot and drone systems for picking, packing and stock-taking have been tested and



CONFERRED CORPORATE AWARDS

SUPPLY CHAIN INNOVATOR OF THE YEAR

MNC CEVA LOGISTICS

then implemented. Optimising processes in new ways and delivering systems and enhancements which continually improve standards and using our warehouse management systems to make us more efficient on your behalf. They are all part of what we do. Innovation means future proof.

Our customer's business challenges

When online sales increased and customers started to expect faster delivery, our DIY retail business client realised that their fixed warehouse model was inefficient, thereby slowing down its delivery to customers. To respond to changing customer demands and orders, they required:

- A flexible fulfilment solution for rapid delivery of parcel services, ground transportation services and emergency shipments

- An efficient alternative to manage returns
- 24h lead time for all delivery services

Solution: Expanded Warehouse Storage

Leveraging on our capabilities to provide flexible solutions for many eCommerce businesses and taking into account our client's specifications, we implemented an omni-channel warehouse solution with a central distribution centre with 45,000 sqm warehouse in Hamm and an additional 2,000 sqm in Berlin directly linked to a DIY-store for shipments of special products that are not stored in the central distribution centre. The customer now has 6,000 SKUs.



CONFERRED CORPORATE AWARDS

SUPPLY CHAIN INNOVATOR OF THE YEAR

MNC GEODIS



GEODIS, as a global leader in the transport and logistics sector, constantly develops, tests, and rolls out technology solutions to provide innovative offerings to its customers. Its NextGen, Calista, and Geek+ implementation as well as its upcoming OneRoad project are examples of how it leverages technology to alleviate customer pain points.

Customers are often unable to receive real-time information on customs processing, resulting in potential non-compliance with custom regulations, on top of additional duty and tax payments. Without clear visibility, customers have little room to chart their operational plans and resources ahead of time.



CONFERRED CORPORATE AWARDS

SUPPLY CHAIN INNOVATOR OF THE YEAR

MNC GEODIS

NextGen and Calista services

With GEODIS' NextGen and Calista services, customers can utilise the data interface to track their shipment status and customs milestones in real-time, affording a comprehensive view of their customs brokerage services' overall performance. They can also consolidate usable data for accurate compliance reporting and charting businesses' growth plans. One of the main benefits of this solution centres on its ability to enhance customer capabilities and control for full regulatory compliance, even in cross-border movements. Furthermore, these services will reduce the level of uncertainty present in supply chain strategies, decreasing delays and costs often lost to duties and taxes.

With rapid growth in the e-commerce sector, the manual picking process at GEODIS posed constraints during sale periods, prompting warehouses to hire additional casual workers and pay overtime to permanent workers to cope with the workload. In addition to rising operating costs to support the high order demand, inefficiencies increased in the process due to the errors inadvertently made by both untrained casual workers and the permanent staff working for longer hours.

Geek+ system

The implementation of the Geek+ system enabled GEODIS to scale customer support by over 100 per cent of the daily order capacity. It also helped GEODIS support an increase of over 200 per cent in picking efficiency by significantly reducing the walking distance that employees need to travel within the warehouse to fulfill orders, in addition to enhancing picking accuracy significantly. The resulting improvement in the working conditions for workers also led to lower employee fluctuation.

Launch of smart containers, trucks and trailers

Another challenge is around late awareness of shipment delays and irregularities. Customers generally do not have direct access to the GPS location of individual trucks carrying their shipments due to layers of subcontracting. For active monitoring and as part of its upcoming OneRoad solution, GEODIS is looking to launch smart containers, trucks and trailers that are equipped with sensors supported by telematics. Once launched, monitoring will be performed by a professional alarm monitoring center, combining the best of automated alerts with real time manual intervention and response.

Uncertain shipment arrival serves as an additional key issue. This can be resolved through the use of real-time shipment location tracking, which GEODIS is looking to implement in the next few years. Customers will be able to leverage GEODIS' Track & Trace portal "IRIS" to not only trace the physical location of their shipments enroute in real time, but also adjust plans to optimise production capacity, maximise sales orders and minimise inventory holding.



CONFERRED CORPORATE AWARDS

SUPPLY CHAIN INNOVATOR OF THE YEAR

LARGE ENTERPRISE YCH GROUP



Deploying Multi-Tiered Robotic O2O Fulfilment Solution

As Asia's leading supply chain and logistics provider, YCH Group is an anchor provider of supply chain solutions for world-class customers. Driven by innovation, YCH's vision seeks to provide end-to-end supply chain enablement to clients, by understanding their needs through results derived from predictive analysis, drawn from the unification of data from the information, physical and financial flows, coupled with domain expertise and technologies.



CONFERRED CORPORATE AWARDS

SUPPLY CHAIN INNOVATOR OF THE YEAR

LARGE ENTERPRISE YCH GROUP

YCH Group embraces technology as a key enabler to propel its business endeavours to serve customers better, harbingering the belief that continuous innovation and automating warehouse processes will be the future of supply chain.

YCH is launching a unique goods-to-person O2O fulfilment solution to improve space utilisation and fulfilment reliability. In partnership with a robotics technology company, the collaboration will see both parties optimising the use of vertical spaces to store goods. Under this project, YCH will employ two robotic technologies integrated under the solution that will automatically pick shelving racks and tote-bins to the operator for further processing. The solution will manage the full height of a traditional warehouse in Singapore that is up to 10 metres high over an approximate space area of 25,000 square feet. There will be more than 50 robots manoeuvring across three floors of a mezzanine storage system to achieve a throughput capacity of more than 30,000 units per day. Other than optimising operations, this deployment will enable our senior workers in fulfilling their work more efficiently and maintain employability.



HurrYCHase Urgent Order Call Management System

HurrYCHase is an internal solution developed by YCH India to fulfil urgent delivery requests to one of our customers in India; where requests were received through the order management system where employees have to monitor the system at unusual hours to ensure the orders were attended to. To ensure no orders were dropped, YCH India team designed HurrYCHase Urgent Order Call Management System, an in-house smart order software solution embedded in YCH's existing order management system to capture such orders promptly.

The solution will notify the designated personnel through calls to fulfil the orders. Escalation of the request will be made to the next level of seniority should the primary level of contact has not been established. The implementation of HurrYCHase has seen improvements in internal operational procedure with good customer satisfaction. YCH India's customer service level is maintained at an all-time high too.

CONFERRED CORPORATE AWARDS

SUPPLY CHAIN INNOVATOR OF THE YEAR

WAREHOUSE AUTOMATION BOLLORÉ LOGISTICS



Bolloré Logistics is a major player in international transport and logistics, and ranks among the top 10 largest. For over 30 years, Singapore has been home to Bolloré Logistics, and is the headquarters for the Asia-Pacific region. Since then, the company has grown in recognition for its expertise, notably in the Perfume & Cosmetics, Luxury, Healthcare, Energy & Projects, and Aerospace industries for creating customised and value-added solutions. Bolloré Logistics Singapore now manages close to 1,600 employees and 200,000sqm of warehousing space over 14 sites.

Over the years, the company achieved many important milestones, particularly in 2012 and 2019 with the completion of two wholly-owned buildings – Green Hub



CONFERRED CORPORATE AWARDS

SUPPLY CHAIN INNOVATOR OF THE YEAR

WAREHOUSE AUTOMATION BOLLORÉ LOGISTICS

at Pioneer Turn and Blue Hub at Sunview Road. These acclaimed warehouses redefine the standards of a modern warehouse by integrating innovation, sustainability and employee centricity under one roof. Both hubs feature a state-of-the-art automation facility, and Blue Hub is also home to Bolloré Logistics' first innovation lab in Asia, which serves as a dedicated space for innovators to carry out pragmatic digital innovative projects, and a learning centre to nurture creative thinking among the young minds in local academia.

Furthering its commitment to sustainability, Bolloré Logistics has continuously worked on green solutions to transform the industry. In 2015, the company was the first logistics corporation to use hybrid shuttle for last mile delivery in Singapore. Since then, the group has grown its fleet of green vehicles by deploying zero-emission Electric Vans for a greener last mile delivery. In line with the group's CSR programme – "Powering Sustainable Logistics", the charging stations for these electric vans are powered by

energy directly generated by solar panels on the rooftop of the warehouses, making it a truly a zero-emission delivery solution. Moving forward, Bolloré logistics is committed to reduce greenhouse gas emissions by 43 per cent by 2027.

Forming the core of Bolloré Logistics' vision – "People Powered Innovation", is the belief that every employee is critical to the success of the organisation. Translating vision to action, the company continuously improves workplace conditions and nurtures workplace diversity, such as integrating people with disabilities into the workforce. In 2019, Bolloré Logistics was recognised as an "Enabling Employer", who demonstrated commitment towards inclusive hiring, by a local government-established agency.

Bolloré Logistics aspires to lead the industry by weaving modern and sustainable technologies, along with creative cross sector collaborations, to bring about revolutionary innovations, starting from the heart of Asia-Pacific – Singapore.



CONFERRED CORPORATE AWARDS

SUPPLY CHAIN INNOVATOR OF THE YEAR

WAREHOUSE AUTOMATION KARDEX

The logo for Kardex Remstar, featuring the word "kardex" in a dark blue, lowercase sans-serif font, followed by "remstar" in a green, lowercase sans-serif font.

Increase Productivity & Efficiency through Automation
Product & Solutions for MRO Operations

Air Asia is the largest low-cost carrier and 4th largest airline in Asia who has won the Skytrek award for the world's best low-cost airline for 11 consecutive years. Asia Digital Engineering (ADE) in short is a wholly-owned subsidiary of Air Asia Group Berhad. ADE is said to be Asia's leading provider for engineering services to Air Asia's groups of airlines as well as other commercial airlines in the region. RedChain is a new secure facility that acts as a centralised warehouse location where the aircraft spares and components are managed and distributed within the region.



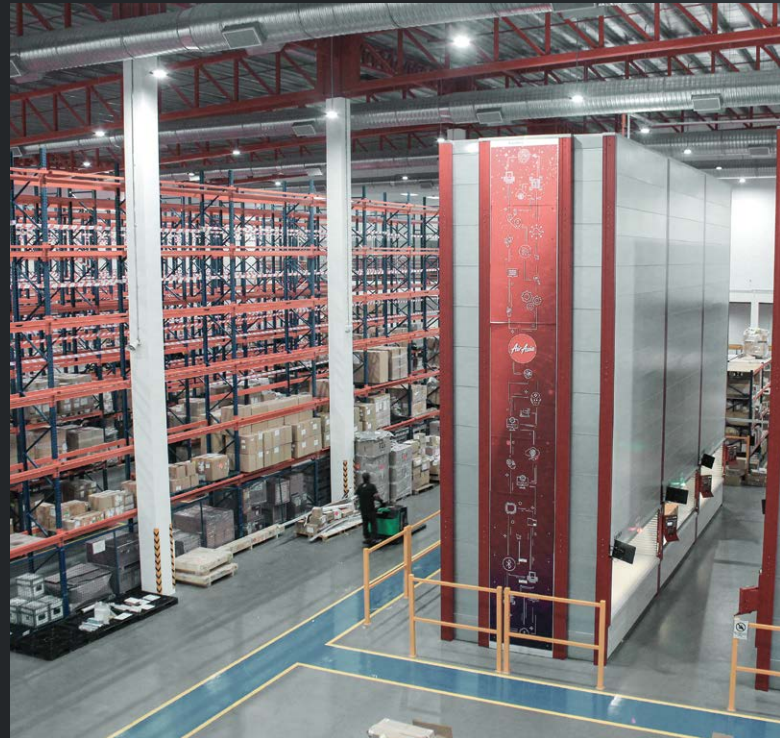
CONFERRED CORPORATE AWARDS

SUPPLY CHAIN INNOVATOR OF THE YEAR

WAREHOUSE AUTOMATION KARDEX

Managing with fleet of over 250 aircraft requires huge investment in aircraft parts and a secured place to store them. With the fast expansion and growing range of maintenance, repair and operations parts, ADE is in great need to reduce the storage space without losing on the efficiency. Before Kardex, ADE stores more than 15,000 spare parts SKU of different sizes and weights in a variety of boxes form in a traditional racking system. This part was stored at a different location within the facility which not only took up lot of floor space but required more management.

Kardex has helped ADE to realise the Vertical Lift Module is the right solution to improve the picking accuracy versus storage at static racking. ADE went for a company solution of six units of combining PPG software, 80 per cent of all the fast-moving spare parts are stored in the Kardex system where they have constantly adapted the changing demand volume. The Kardex machines are equipped with PPG software for a better inventory control. By connecting AMOS ERP to the PPG software, it makes sure the laser pointer points to the right picking location. The picking errors had significantly improved with the pointers and monitor them clearly display the picture and information of the parts to



pick and store. Utilising the software on mobile handheld devices also help to eliminate the need for paper pick slips, allowing quick pick slip views and improving productivity.

Work automation is one of the key steps in ADE digital transformation journey. Kardex helped to design a final solution that met ADE's goals in improving warehouse efficiency with increased picking speed. It successfully increased the operation efficiency by up to 80 per cent, reduce storage footprint by 80 per cent with consolidation to one storage location, and improve the safety and security of the stored parts. With the Kardex systems, it not only provides a better environment for the operators in improved ergonomics but also scalability for the future.



CONFERRED CORPORATE AWARDS

SUPPLY CHAIN INNOVATOR OF THE YEAR

ROBOTICS xSQUARE



CHALLENGE - IMPROVING SAFETY, QUALITY
AND PRODUCTIVITY

XSQUARE Autonomous Guided Vehicles (AGVs), or commonly referred to as autonomous forklifts, are being deployed locally by global chemical logistics and engineering company Katoen Natie at Jurong Island Logistic Terminal in Singapore. The aim was to bring improvements in Safety, Quality and Productivity, which helps the industry to make a difference for their customers.



CONFERRED CORPORATE AWARDS

SUPPLY CHAIN INNOVATOR OF THE YEAR

ROBOTICS xSQUARE

SOLUTION – DEPLOYMENT OF FIVE DRIVERLESS FORKLIFTS

The pilot AGV was deployed to operate on a 24/7 basis to move products from the automated packaging lines to the storage facilities in 2020. After the successful pilot run, the project was gradually expanded to a fleet of five AGVs by the end of 2021. These AGVs are unmanned, electric-powered robots that automatically navigate, communicate, and perform material handling tasks. They excel in repetitive movement of material, enabling the company to improve productivity by redeploying skilled operators for more complex tasks.

RESULTS – SMOOTH OPERATION, INNOVATION AND SUSTAINABILITY

A common issue that befalls the industry is a labour shortage. By deploying five xSQUARE's driverless forklift, Katoen Natie has successfully resolved the issue of filling the positions of six human workers allowing them to operate 24/7 and improve productivity.

When a shift of Katoen Natie employees became ill with Covid-19 during the pandemic, the solution enabled the company to continue operations.

The AGV project reinforces Katoen Natie sustainability goal of reducing carbon footprint while ensuring a competitive and sustainable chemical logistics service for their customers. The whole project is powered by the large solar installations on the rooftop of the company's Jurong Logistics Terminal.



Katoen Natie Jurong Logistics Terminal, Singapore

KATOEN NATIE'S PARTNERSHIP WITH xSQUARE

Katoen Natie entered into a partnership with xSQUARE, a subsidiary of Goldbell Group, who tailored the AGV units to match Katoen Natie's operational requirements. They found xSQUARE to be an excellent partner for this journey as xSQUARE has demonstrated not only the innovative capability of its proprietary technology, but also a strong commitment to make this project successful.

To successfully meet Katoen Natie's high standards with the seamless integration of xSQUARE's AGV solutions into their existing ecosystem is a validation of the inroads that xSQUARE has made into the realm of intelligent warehousing.

CONFERRED CORPORATE AWARDS

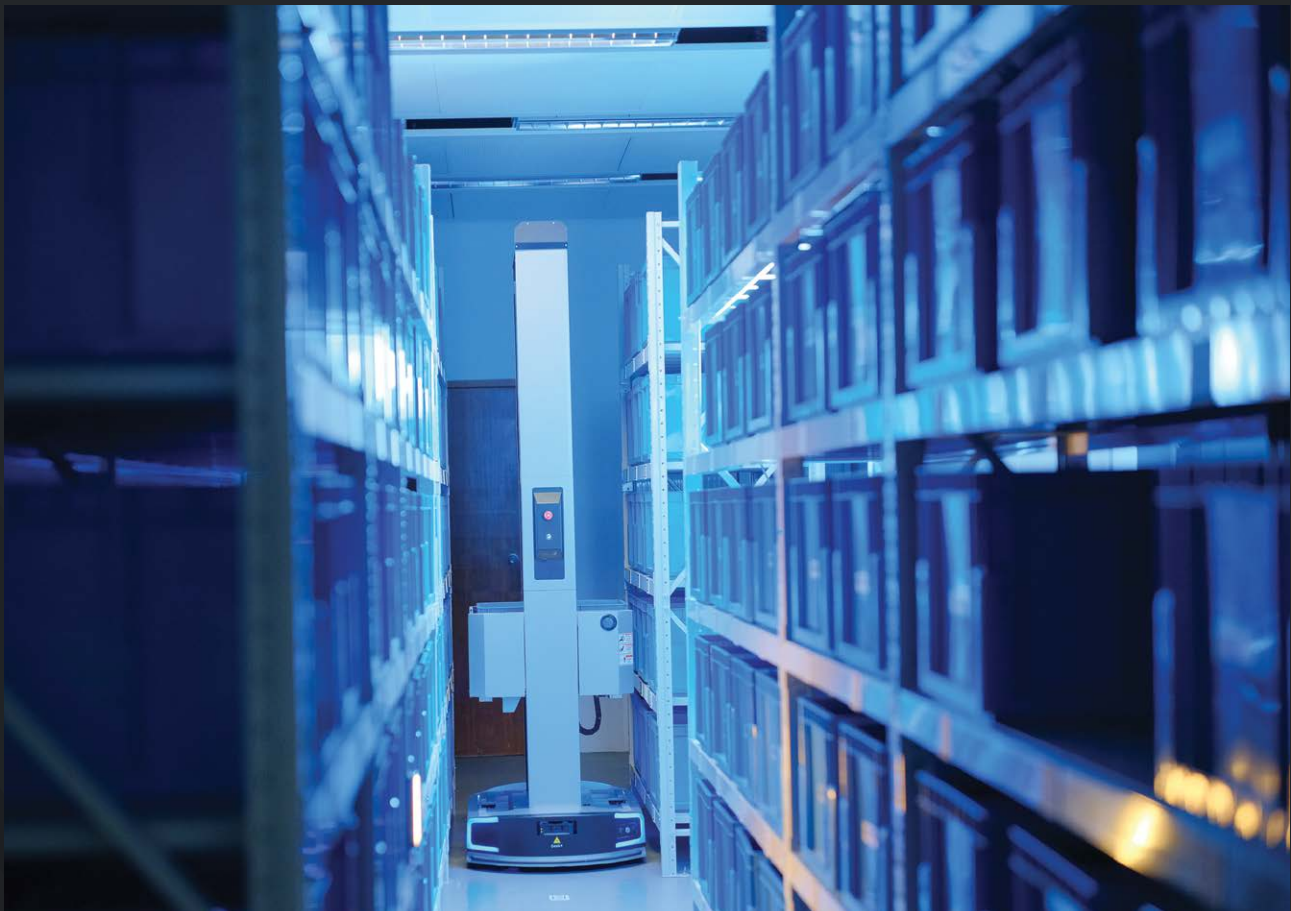
SUPPLY CHAIN INNOVATOR OF THE YEAR

AIRPORT OPERATIONS AUTOMATION HONG KONG AIR CARGO TERMINALS LIMITED (HACTL)



Hong Kong Air Cargo Terminals Limited (Hactl) is Hong Kong's largest independent handler, often processing over 100 wide-body freighters daily, and 16 or more simultaneously. The scale of Hactl operations make it mission-critical to the entire airport's operations.

Hactl's automated, highly-complex Container Storage System (CSS) features a giant unit load devices (ULD) racking system that holds 3,500 units and stores and retrieves up to 8,000 tonnes of air cargo per day. Meanwhile,



CONFERRED CORPORATE AWARDS

SUPPLY CHAIN INNOVATOR OF THE YEAR

AIRPORT OPERATIONS AUTOMATION HONG KONG AIR CARGO TERMINALS LIMITED (HACTL)

Hactl's automated Box Storage System (BSS) handles loose cargo, using 10,000 stillages that run on tracks between the cargo pick-up and build-up areas.

Eighty full-time engineers ensure this machinery functions reliably 24/7/365. Occasional breakdowns and routine maintenance are inevitable, but downtime must be minimised. The traditional manual parts requisition process required visiting the main parts store located on level 4 of SuperTerminal 1 to collect components for replacement; searching for them among thousands of different types was time-consuming. Outside the parts store's opening times, technicians could obtain any of 60 or so commonly-used spares from a cabinet in the Maintenance Services Centre.

Parts requisitions were recorded in a logbook used to update stock levels. Staff conducted time-consuming manual inventory cross-checks weekly, with potential for errors leading to out-of-stock situations.

In its constant drive for increased efficiency and resilience, Hactl decided to automate the parts serving function. A new, robotically-operated Automated Parts Store (APS) has been designed and installed, enabling urgently-needed spares to be quickly accessed around the clock.

The Hactl-designed APS features an AGV, travelling along narrow aisles at up to two metres per second to retrieve and deliver required parts. Scanning the part's code, and inputting quantities via a user terminal, activates the 40kg capacity robot which follows a series of QR codes embedded in the floor, indicating the best path for retrieval from more than 200 multi-compartment bins housing the most commonly-used spares.



The new APS means technicians can collect the most frequently-needed spare parts at any time of day or night, and reduces the time taken to do so by around 50 per cent. The APS is saving more than 1,500 man-hours per annum. Technicians are not required to enter the parts storage area to collect the parts, eliminating safety and security concerns as well.

Inventory totes are promptly returned to the storage racking once an order is completed, and the system enters standby mode ready for the next order, seamlessly transiting from one job to another. The robot automatically recharges itself at its home station when inactive.

CONFERRED CORPORATE AWARDS

SUPPLY CHAIN INNOVATOR OF THE YEAR

GROCERY SUPPLY CHAIN INNOVATION NTUC-FAIR PRICE GROUP



FairPriceGroup
Everything Food Made Easy

Established in 1973 to combat profiteering during the Oil Crisis, NTUC FairPrice Group is Singapore's leading grocery retailer. With a comprehensive network of more than 270 stores (comprising FairPrice supermarkets, FairPrice Finest, FairPrice Xtra (Hypermart), FairPrice Xpress, Cheers convenience stores, and Unity pharmacies), FairPrice continues to do its part to moderate the cost of living in Singapore.



CONFERRED CORPORATE AWARDS

SUPPLY CHAIN INNOVATOR OF THE YEAR

GROCERY SUPPLY CHAIN INNOVATION NTUC-FAIR PRICE GROUP

FairPrice Group Supply Chain (FPGSC) is FairPrice Group's supply chain division, supporting the internal supply chain needs of its sister business units, and also serving externally to various public and private entities – marrying its core strength of 3PL services and the power of data and analytics to provide 5PL services in upstream monitoring, clearance, and tracking of containers, warehouse inventory and management, and land-based transport and distribution.

FPGSC continues growing from strength to strength to ever-improve its 3PL services by embracing enhanced technology. Some notable examples include:

- In 2007, the pick-to-light, the pick-to-tote, conveyor and sortation systems were implemented to improve warehouse management efficiency.
- In 2014, established a high-tech automated fulfillment facility that deploys the Automated Storage and Retrieval System (ASRS) together with the Caddy Pick system. This system was the first of its kind in the Asia Pacific region, harnessing robotics and autonomous vehicles mounted on a monorail system for warehousing operations. The ASRS increased FPGSC's ambient storage space and capability to achieve twice the productivity rate of a distribution centre that uses manual pallet movers instead.
- In 2016, the AutoStore system was implemented to maximise storage space and optimise manpower. Productivity was also boosted four times faster than traditional methods to enhance online service delivery, giving customers a better e-shopping experience.
- In 2018, cyclone carriers, automatic guided vehicles and robot palletising modules were added to further enhance productivity.



More recently, global adverse events in geopolitics, weather, and healthcare have impacted FPGSC in unprecedented ways, with repeated and sustained upstream supply chain disruptions and multiple panic buying episodes. Through adversity, FPGSC has harnessed upstream intelligence, data, and analytics to develop its state-of-the-art facility – the Supply Chain Operations Centre (SCoPe). The SCoPe allows FPGSC to achieve supply chain resilience during times of crisis but also has extensive steady-state application to optimise inventory management and enable faster and more intelligent decision-making.

With SCoPe and its unwavering embrace of technology and automation to bring value to its customers, FPGSC is uniquely positioned to advance its parent mission of moderating the cost of living in Singapore.

CONFERRED CORPORATE AWARDS

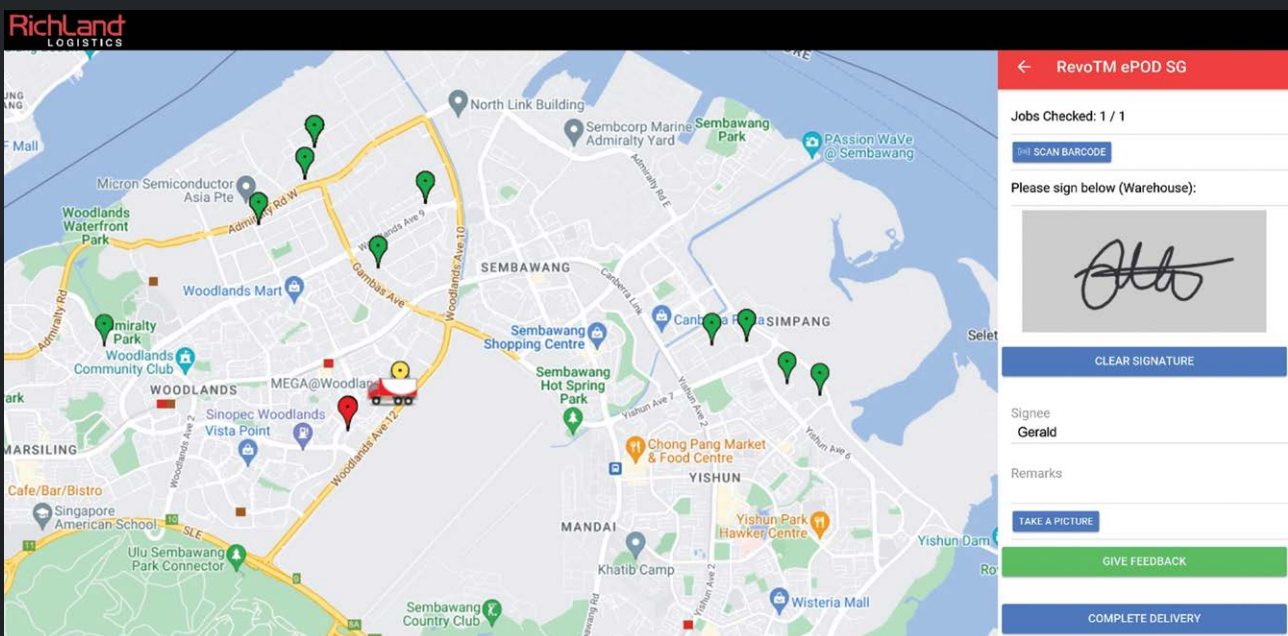
SUPPLY CHAIN INNOVATOR OF THE YEAR

INTELLIGENT DISTRIBUTION SOLUTION RICHLAND LOGISTICS



Founded in 1992, RichLand Logistics started off predominantly as a trucking company supporting the growing transportation needs from air and seafreight related activities during the 1990s as Singapore commenced establishing itself as a regional transshipment hub.

Today, the company has expanded into providing premier end-to-end logistics services customised to their clients' requirements in areas of Air-Cargo Handling, Brokerage, Cross-docking, B2B Last-Mile, Warehousing, and Distribution. Within Singapore today, RichLand employs over 350 staff and operates more than 100 units of vehicles to fulfil an estimated 30,000 B2B deliveries per month. Richland Logistics also has operations in Indonesia, namely in areas of warehousing and distribution from the capital, Jakarta. The company is a wholly-owned subsidiary of Eneco Energy Limited.



CONFERRED CORPORATE AWARDS

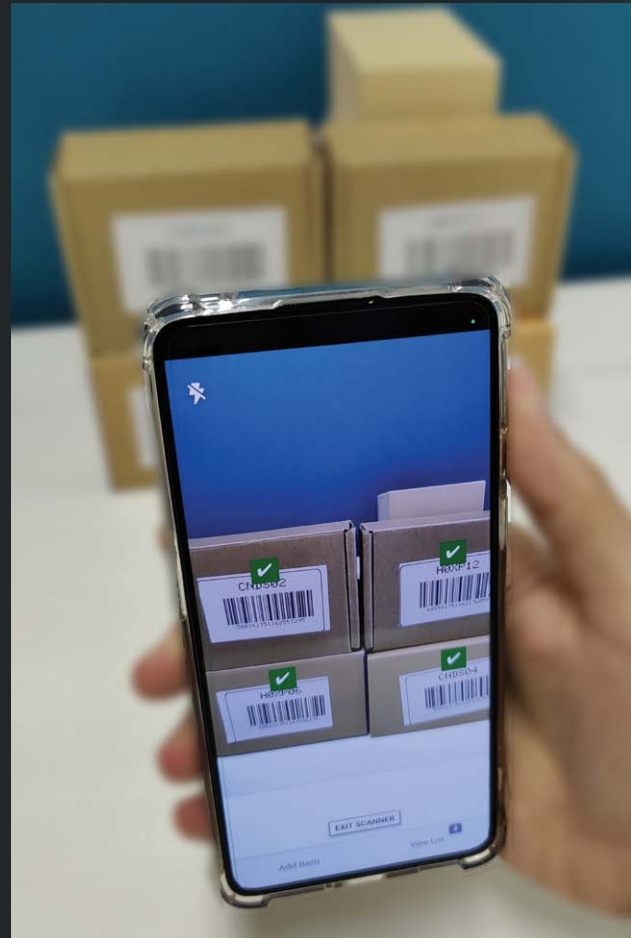
SUPPLY CHAIN INNOVATOR OF THE YEAR

INTELLIGENT DISTRIBUTION SOLUTION RICHLAND LOGISTICS

In 2018, RichLand launched an in-house REVO system with the core objectives being to digitise and achieve a transparent end-to-end digitisation of the company's operating chain of services to the customers. Within the aircargo handling environment, Revo-TH (Terminal Handling) has since provided real time visibility and tracking of time sensitive shipments from flight arrivals till handover to the appointed forwarders, aiding the information flow to ensure timely delivery of such shipments to the consignees.

On distribution, apart from its real time e-visibility features, Revo-TM (Transport Management) further provides an avenue for exchange of data with all customers and business partners (standardised and secured). The process is fully automated, real-time and significantly reduces manual processes for both parties, imperative in today's challenging hiring environment.

To support the fast moving and build to order environment today where shipments are typically shipped within hours from production or picking, Richland Logistics has its own mobile phone app on Revo-TM to accurately scan and capture every carton for shipment the moment the shipment is "fresh out from the oven." This information can be instantly retrieved from the web in real-time for logistical or freight planning and some of the company's supportive clients have even used this information to go paperless and generate their electronic PODs, reducing their back-end filing and archival related activities.



Over the last two decades, Richland Logistics has experienced, witnessed, and embraced technology as a key driver in delivering greater productivity and visibility to customers. Today, with the further integration of FMS (Fleet Management), GPS, and other supporting hardware and software with Revo, Richland Logistics hopes to continuously build up and expand this platform to become an integral tool in the suite of services to all clients.

CONFERRED CORPORATE AWARDS

SUPPLY CHAIN INNOVATOR OF THE YEAR

WAREHOUSE INTELLIGENCE AUTOMATION INFOLOG



Infolog is an independent software company that first started out to provide streamlined, omni-channel software solutions focusing in areas of distribution, warehousing logistics and supply chain management.

Today, apart from purely software solutions, Infolog also took on the main role as a system integrator to customise to the requirements of our customers and bringing together different components or subsystems into a single and whole intelligent solution together under our Infolog Logistics Suite. Infolog's is well versed in integration with material handling equipment such as Robotics, Automated Storage and Retrieval, Vertical Lift Module, Carousel Storage, Pick/Put to Light, Voice Technology and AMR/AGV and have strong track records on this aspect of integration.



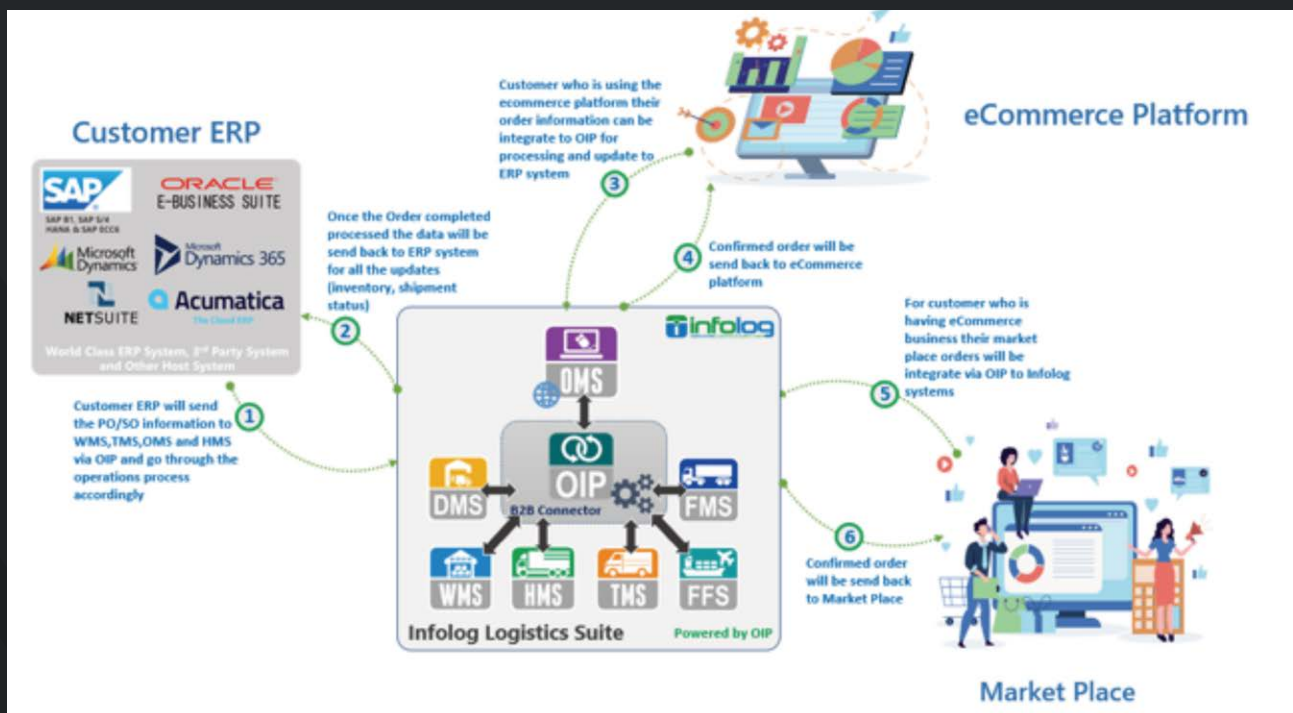
CONFERRED CORPORATE AWARDS

SUPPLY CHAIN INNOVATOR OF THE YEAR

WAREHOUSE INTELLIGENCE AUTOMATION INFOLOG

In the last few years, Infolog has realised more than 15 projects as a system integrator with different warehousing technology suppliers for various well-known brands in Singapore and the region. Through these project experiences, Infolog is now able to provide an overall end-to-end project services from project scoping and consultancy, all the way to project realisation and after-sales support for the clients' distribution, warehousing, logistics and supply chain management requirements.

Additionally, Infolog also understands the importance of research and development to grow the company. In 2022, Infolog launched our latest solution that addresses the challenges faced by our partners and customers in the e-commerce sector. This solution is known as Infolog eOMS, is a One stop Integration for ERP, Supplier, 3PL, Retailer, eCommerce & Manufacturer and providing fully established connectors with the market players, plug & play feature for rapid roll-out to reduce overall implementation timeline. It offers seamless e-commerce integration with global ecommerce players, cost efficiency by cutting short the implementation time and total visibility of your inventory.



CONFERRED CORPORATE AWARDS

SUPPLY CHAIN INNOVATOR OF THE YEAR

FREIGHT INTELLIGENCE SYSTEM SCF GLOBAL



SCF Fulfill is an independent 4PL and value-added service provider with a strong and proven operational and technological track record. Headquartered in Singapore, with offices and operations in China, Hong Kong, India, Indonesia, and Malaysia, SCF Fulfill was founded at the request of a key customer in 1999.



CONFERRED CORPORATE AWARDS

SUPPLY CHAIN INNOVATOR OF THE YEAR

FREIGHT INTELLIGENCE SYSTEM SCF GLOBAL

SCF Fulfill provides 4PL solutions to companies across industries, ranging from SMEs to MNCs in the Asia Pacific region, with majority of customers being Fortune 500 companies. As an independent, "asset-light" 4PL, with deep industry domain knowledge, experience, and expertise, SCF Fulfill is able to help its customers create and maximise gains across its complex value chain.

SCF Fulfill develops customised systems solutions to enable it to seamlessly marshal disparate data from 3PL

to successfully navigate their customer's complex global supply chains. SCF Fulfill provides extensive 4PL services in the following key areas.

As part of its extensive service offering, SCF Fulfill also organises and manages a number of Air and specialised Ocean charters for its marquee customers. SCF Fulfill Management team has a combined experience of over 200 years in the Freight Forwarding, Logistics, Supply Chain and 4PL space.

Operation Management	Customer Service Management	Program & Strategic Management	Logistics Finance Management
<ul style="list-style-type: none"> ✓ Control Tower ✓ Shipment Planning & Routing ✓ Event Management with exception management ✓ Milestones capture ✓ KPI management ✓ Customs Ops liaison / management ✓ Reports Management ✓ Extract, Translate & Load (ETL) capabilities 	<ul style="list-style-type: none"> ✓ Order Processing ✓ Booking management ✓ Track and Trace ✓ Business Process Management (SOP) ✓ Issues Resolution 	<ul style="list-style-type: none"> ✓ Sourcing & Procurement ✓ RFQ/RFP/RFI ✓ Implementation management ✓ Data Analytics ✓ Simulation ✓ Optimizer (Route/Network) ✓ Business Partner Review (MBR/QBR) ✓ Benchmarking ✓ Charter Management ✓ Product Launch Management ✓ Project Management Office (PMO) 	<ul style="list-style-type: none"> ✓ Contract Management ✓ POD Audit ✓ Record Retention ✓ Claims Management ✓ Freight Bill Audit ✓ Freight Bill Payment
<p>"Red": data collection</p>			



SUPPLY CHAIN ASIA
AWARDS

**SPECIAL
MENTIONED AWARDS**

SPECIAL MENTIONED AWARDS

In light of the recent Covid-19 pandemic, the Special Mentioned Awards aims to recognise the efforts of an individual and corporation that have stepped forward and made a difference to the community. Awardees were voted to win by a Panel of Judges as well as SCA Awards Committee members.

Special Mentioned Awards - Community support during the pandemic

Award	Description	Awardees
Special Mentioned Awards (Individual)	An individual who has a record of going beyond the call of duty to keep Singaporeans safe amid the pandemic	Sebastian Chua, Head of Procurement, Health Promotion Board
Special Mentioned Awards (Corporate)	A company that has stepped forward to make massive contributions to the community	Temasek Foundation



SPECIAL MENTIONED AWARDS

INDIVIDUAL



SEBASTIAN CHUA

*HEAD OF PROCUREMENT,
HEALTH PROMOTION BOARD*

Sebastian Chua started his procurement career with Agilent Technologies as their Country Manager for India, Singapore, Thailand and Philippines. He then moved on to join Microsoft & Alcatel-Lucent as Head of Procurement to transform their procurement organisation in the Asia Pacific region.

In 2013, he took on a new challenge to transform the public procurement at Health Promotion Board (HPB), a statutory board under the Ministry of Health, Singapore. In 2020 to 2022, Sebastian led a team of officers for the nation's fight against Covid-19 pandemic in ensuring no disruption of the essential services and medical supplies to ground testing and vaccination operations.

As the leading agency in Population Health, HPB was entrusted with the responsibility to implement and coordinate the Covid-19 swabbing and testing operations for Singapore. In mounting the PCR Swab Testing, Fast and Easy Testing (Antigen Rapid Test), COVID-19 Vaccination, home quarantine operations and other national duties, the entire HPB Procurement Team, headed by Sebastian Chua, was activated in this national emergency. The team got into the action immediately to navigate a rapidly evolving landscape across healthcare, social, manpower, and infrastructural issues. While they have had prior sourcing experience for the healthcare sector, procuring for the large-scale swab operations with challenging lead time ranging from few hours to days is at a different level of complexity. In less than two weeks, with their sheer determination, HPB mounted the first swab operation at a community recovery facility, followed by the foreign worker dormitories.

To enable Singapore to resume its economic and social activities, HPB adopted the wide-scale testing strategy in reaching out the target population segments in a whole range of settings – foreign workers in dormitories, Persons-Under-Quarantine in community recovery facilities, essential workers and workers serving 'vulnerable' populations out in the community.

Sebastian and his team have embodied the ethos of public service. Their impactful work in Covid-19 procurement represents a significant contribution to Singapore being recognised as one of the safest countries during this global pandemic.

SPECIAL MENTIONED AWARDS

CORPORATE

TEMASEK FOUNDATION



TEMASEK FOUNDATION

Covid-19 has impacted economies and livelihoods around the world. Temasek has been playing an active part, marshalling our network, connecting the dots, and underwriting risks. Efforts to support those in need in Singapore and around the world, have been driven by Temasek Foundation.

Stay Prepared is a Temasek Foundation initiative to help prepare communities for emergencies. In response to the Covid-19 pandemic, Stay Prepared programmes enhance the resilience of the people in Singapore and support communities locally and internationally in times of crisis.

Our Stay Prepared initiatives are centred on five areas: diagnosis, containment & contact tracing, treatment, protection & prevention and enablement. Temasek Foundation also worked with healthcare and corporate partners to enhance Singapore's Covid-19 testing efforts.

Supporting Covid-19 Tests for Essential Workers

We engaged medical, diagnostic and on-site partners, including Parkway Pantai, The Farrer Park Company and OneCare Medical to conduct swab tests for essential workers at venues such as private hospitals and worker dormitories. Pathology Asia Holdings and ParkwayHealth Laboratory were roped in for swab test diagnostics. Temasek staff collaborated with our partners to plan swabbing operations at testing sites.

Bringing Swab Tests to the Heartlands

A team from Temasek worked with family doctors and ATC, a local precision engineering company, to develop a lightweight and portable booth that was trialled at some 170 neighbourhood clinics around the island. The booth, which is named COSMO (Covid-19 Swabbing Mobile Booth) SafeSwab Slim, provides an additional layer of protection for healthcare workers as they, and the person being swabbed, stand on opposite sides of the booth panels.

Distributing Reusable Antimicrobial Masks

Temasek Foundation launched a nationwide distribution of reusable antimicrobial masks to residents in Singapore. A total of 9.4 million masks were distributed via some 1,200 vending machines strategically located around the island. Temasek Foundation's #BYOBclean hand sanitiser initiative was also launched to offer free hand sanitisers to all households in Singapore. To encourage all residents to reuse and recycle, they were asked to bring dry and clean used bottles to collect the free hand sanitiser.

Providing Meals to the Vulnerable

Temasek Foundation, together with our portfolio companies and partners, introduced four programmes to provide meals to people whose lives have been disrupted by the pandemic. Three of the programmes, which are in partnership with Willing Hearts, The Food Bank Singapore and Free Food for All, provided more than 300,000 meals to families and individuals in need. The Foundation also worked with SIA and SATS to provide over 100,000 meals and 11,000 snacks to low-income households.



SUPPLY CHAIN ASIA
AWARDS

**COMPETING
CORPORATE AWARDS**

COMPETING CORPORATE AWARDS

To qualify for these awards, companies will need to pass through a nomination and selection process, acceptance of the nomination and finally voted to win by a Panel of Judges as well as SCA Awards Committee members. The nomination and selection process are held from April-August. Nominated companies need to accept their nominations before they can compete to win the award.

Award	Description	Nominees
Last Mile Partner of the Year	Last mile logistics operator that performs final distribution and delivery in e-commerce.	foodpanda J&T Express Ninja Van Singapore Post
Seafreight Partner of the Year	Seafreight forwarder with strong presence in Asia	Bolloré Logistics CEVA Logistics DB Schenker DHL Global Forwarding GEODIS Kuehne+Nagel
Airfreight Partner of the Year	Airfreight forwarder with strong presence in Asia	CEVA Logistics DB Schenker DHL Global Forwarding Expeditors GEODIS
Air Cargo Terminal Operator of the Year	Operations must be based in Asia	Hong Kong Air Cargo Terminals Limited (Hactl) International Air Cargo Terminal (IACT) Shanghai PuDong International Airport Cargo Terminal Co Ltd (PACTL) Shenzhen Airport International Cargo Terminal Co Ltd (SACTL)
Container Terminal Operator of the Year	Operations must be based in Asia	Hutchison Port International Container Terminals Services (ITCSI) Port of Tanjung Pelepas (PTP) PSA International Yantian International Container Terminals (YICT)
AIDC Partner of the Year	Applicable to principal data capture systems service providers only (distributors do not qualify)	Honeywell Keyence SATO Zebra Technologies
WMS Partner of the Year	Applicable to a warehouse management software service provider only (distributors do not qualify)	Blue Yonder WMS Manhattan Associates WMS NetSuite WMS SAP WMS
MHE Partner of the Year	Applicable to a principal forklift vendor only (distributors do not qualify)	Crown Equipment Jungheinrich Kardex Mitsubishi Forklift Trucks
Asian 3PL of the Year	Must be an industry leader in Asia	Kerry Logistics Nippon Express Singapore Post YCH Group
Global 3PL of the Year	Must be an industry leader in the global stage	Bolloré Logistics CEVA Logistics DB Schenker DHL Supply Chain GEODIS Kuehne+Nagel

COMPETING CORPORATE AWARDS

LAST MILE PARTNER OF THE YEAR FINALISTS

This category is dedicated to last mile logistics operators that perform final distribution and delivery in e-commerce.



foodpanda

foodpanda is a leading delivery platform in Asia dedicated to providing customers with a wide range of food and groceries – quickly and conveniently. Since its inception in 2012, foodpanda has built a strong logistics infrastructure that supports its vast network of merchant partners and pandamart cloud stores.



J&T Express

J&T Express is a global logistics service provider with leading express delivery businesses in Southeast Asia and China, the largest and fastest-growing markets in the world. Founded in 2015, J&T Express' network spans 13 countries, including Indonesia, Vietnam, Malaysia, the Philippines, Thailand, Cambodia, Singapore, and China. In Singapore, as a one-stop e-Commerce specialist, J&T Express offers three core e-commerce solutions catered to online businesses in the market, namely last-mile delivery, fulfilment and international delivery.



Ninja Van

Ninja Van was founded in 2014 by friends Lai Chang Wen, Tan Boxian and Shaun Chong, with the aim of providing hassle-free delivery services for e-commerce retailers in Singapore. Since then, the company has become a leading tech-enabled logistics company, with well-established operations and networks across Southeast Asia.



Singapore Post

Steeped in more than 160 years of rich history, Singapore Post (SingPost) has transformed from being the national postal service provider to a global company with operations in more than 15 countries and territories worldwide. Driven by our vision to connect people, communities and commerce, we help businesses grow and connect people to what is important in their lives by delivering trusted postal, logistics and digital services across the globe.

COMPETING CORPORATE AWARDS

LAST MILE PARTNER OF THE YEAR WINNER - SINGAPORE POST



Making Every Delivery Count for People and Planet is our purpose, and what we do at Singapore Post (SingPost). Steeped in more than 160 years of rich history, we have grown from Singapore's postal service provider to a global company with operations in more than 15 countries and territories worldwide.

Driven by our vision to connect people, communities and commerce, we help businesses grow and connect people to what is important in their lives by delivering trusted postal, logistics and digital services across the globe. The suite of SingPost eCommerce logistics solutions includes front end web management, warehousing and fulfilment, last mile delivery and international freight forwarding.

Additionally, SingPost's carrier-agnostic last-mile delivery platform LaMP consolidates courier services, parcel lockers and bricks-and-mortar collection points onto a single platform. The technology gives retailers and logistics providers an open e-commerce ecosystem with more control and flexibility over parcel deliveries. Discussions with several retail and logistics partners are at an advanced stage regarding them joining the platform.



COMPETING CORPORATE AWARDS

SEAFREIGHT PARTNER OF THE YEAR FINALISTS

This category is dedicated to seafreight forwarders with strong presence in Asia.



Bolloré Logistics

As global networks and supply chains become increasingly intertwined and complex today, the company seeks to transform customers' logistics experience by streamlining operations while offering clear visibility of the entire process. From the design to the deployment of reliable and sustainable solutions, the company centralises end-to-end coordination through its extensive network of control towers.



CEVA Logistics

CEVA Logistics provides and operates transportation and supply-chain solutions for large or medium size national and multinational companies. We offer a broad range of services in both Contract Logistics and Freight Management thanks to 78,000 employees, operating over 1,000 facilities in more than 160 countries.



DB Schenker

With successive years of record performance, most recently a 54 per cent year-on-year improvement in APAC Airfreight, DB Schenker continues to grow its flight operations solution offerings and network. Schenker's relentless drive to serve customers through the introduction of charter flights to transport time-sensitive essential medical test-kits, as well as other critical equipment to help communities recover, alongside continuous innovation through AI for Airfreight to digitally transform the industry, is testament of its commitment to customers and communities.



DHL Global Forwarding

With our broad product range, DHL Global Forwarding covers different equipment types and consolidation services to ensure your cargo reaches the right place, at the right time in a cost-efficient way. In order to deliver highest reliability we have planned space protection from every major container port in the world.



GEODIS

GEODIS, as a global leader in the transport and logistics sector, constantly develops, tests, and rolls out technology solutions to provide innovative offerings to its customers. Its NextGen, Calista, and Geek+ implementation as well as its upcoming OneRoad project are examples of how it leverages technology to alleviate customer pain points.



Kuehne+Nagel

With over 78,000 employees at almost 1,300 sites in over 100 countries, the Kuehne+Nagel Group is one of the world's leading logistics providers. It operates in sea logistics, air logistics, road logistics and contract logistics, with a clear focus on integrated logistics solutions.

COMPETING CORPORATE AWARDS

SEAFREIGHT PARTNER OF THE YEAR WINNER - KUEHNE+NAGEL

KUEHNE+NAGEL



Since 1890, when the business was founded in Bremen, Germany, by August Kuehne and Friedrich Nagel, Kuehne+Nagel has grown to become one of the world's leading logistics providers.

Today, the Kuehne+Nagel Group has over 78,000 employees present at almost 1,300 sites in over 100 countries. Each day, we shape the world of logistics with a strong determination to connect people and goods through innovative and sustainable logistics solutions. Every day, we go above and beyond to meet the needs of our customers.

Our strong market position lies in the sea, air, road, and contract logistics, with a clear focus on integrated logistics solutions. Our business activities and market position are built upon the company's dedication to providing tailor-made, scalable logistics solutions of the highest quality and planning reliability to its customers. Ultimately, the most essential element of our business is the needs of our customers.

Being the market leader in sea freight and air freight forwarding globally, we continue to invest in technology such as our myKN customer platform where all our logistics services are consolidated and ready to be accessed at the touch of a button – from transport offering to shipment tracking. Our online platform, seaexplorer, enables our customers to track all container ships worldwide in real-time and anticipate the transit times of our ships. In air freight, our Shipment Data Wallet application digitalises bookings that are still made non-digitally.

We have set ourselves the goal of making supply chains worldwide more sustainable: firstly through helping our customers cut their CO2 emissions, and secondly, through actively contributing to a more sustainable future as a responsible logistics provider. We continue to drive our transition to a zero-carbon business model and support our customers in their own sustainability transitions as well. The Group has also developed easy and transparent sustainable shipping options such as the use of Sustainable Aviation Fuel (SAF) and Biofuel so that our customers have a choice on how they can minimise the environmental impact of their shipments.

As part of the Group's ambition to make Kuehne+Nagel the best company to work for and the best company to do business with, we have built a company culture that puts humans at the heart of everything we do. In 2021, Kuehne+Nagel Asia Pacific and Singapore were recognised as 14th overall in Singapore's Best Employers 2021 – a survey by The Straits Times and global research firm Statista. The company also bested peers from the Transportation and Logistics sector, clinching the #1 position for two consecutive years.

For the second consecutive year in a row, Gartner's 2022 Magic Quadrant recognised Kuehne+Nagel as a worldwide leader for third party logistics. In 2022, the Group also improved its strong position as the most visionary leader among the 13 international logistics service providers assessed. Forging ahead, Kuehne+Nagel endeavours to deliver logistics solutions for our customers that are better, faster, and more sustainable every day.

COMPETING CORPORATE AWARDS

AIRFREIGHT PARTNER OF THE YEAR FINALISTS

This category is dedicated to airfreight forwarders with strong presence in Asia.



CEVA Logistics

CEVA Logistics provides and operates transportation and supply-chain solutions for large or medium size national and multinational companies. We offer a broad range of services in both Contract Logistics and Freight Management thanks to 78,000 employees, operating over 1,000 facilities in more than 160 countries.



DB Schenker

Beyond the successive years of record performance, most recently a 21 per cent year-on-year improvement in APAC Contract Logistics, and despite the past 2 years of pandemic stricken challenges and other uncertainties, DB Schenker continues relentlessly in expanding its footprint with flagship investments in Hong Kong with the Advanced Manufacturing Centre partnership with HKSTP, in South Korea with KLC2, as well as major hubs in Pinghu China, and Badli, India.



DHL Global Forwarding

Working with carefully selected carriers, DHL Global Forwarding operates with schedules on all the world's major routes so you can plan with certainty and become more efficient. We offer a range of highly flexible products which allow a choice of delivery speeds to best suit your requirements.



Expeditors

Expeditors International of Washington, Inc. (Expeditors) is a third-party logistics service provider which supports the movement and strategic positioning of goods through a seamless international network of people and integrated information systems. The company offers a wide range of transportation services and customer solutions, such as airfreight, ocean freight, customer brokerage, order management, warehousing and distribution, as well as consulting.



GEODIS

GEODIS, as a global leader in the transport and logistics sector, constantly develops, tests, and rolls out technology solutions to provide innovative offerings to its customers. Its NextGen, Calista, and Geek+ implementation as well as its upcoming OneRoad project are examples of how it leverages technology to alleviate customer pain points.

COMPETING CORPORATE AWARDS

AIRFREIGHT PARTNER OF THE YEAR WINNER - DHL GLOBAL FORWARDING



DHL is the leading global brand in the logistics industry. Our DHL divisions offer an unrivalled portfolio of logistics services ranging from national and international parcel delivery, e-commerce shipping and fulfilment solutions, international express, road, air and ocean transport to industrial supply chain management. With about 380,000 employees in more than 220 countries and territories worldwide, DHL connects people and businesses securely and reliably, enabling global sustainable trade flows.

With specialised solutions for growth markets and industries including technology, life sciences and healthcare, engineering, manufacturing & energy, auto-mobility and retail, DHL is decisively positioned as "The logistics company for the world".

EBIT more than doubled

After an exceptionally good start to the year, Global Forwarding, Freight once again achieved an outstanding quarterly result. EBIT more than doubled year on year to €746m (Q2 2021: €312m). The sustained price and margin dynamics in the international transport markets enabled a significant jump in revenue of 55.8 per cent to €8.2bn.

Air freight volumes decreased moderately, in part due to modal shifts back towards ocean freight products, as customers recognised the again improved schedule reliability in ocean freight. Ocean freight volumes grew by 11.3 per cent, driven by the integration of the acquired beverage logistics company Hillebrand at the beginning of the second quarter. The EBIT margin improved significantly to 9.1 per cent (Q2 2021: 6.0 per cent).



COMPETING CORPORATE AWARDS

AIR CARGO TERMINAL OPERATOR OF THE YEAR FINALISTS

This category is dedicated to air cargo terminal operators based in Asia.



Hong Kong Air Cargo Terminals Limited

Hong Kong Air Cargo Terminals Limited (Hactl) is Hong Kong's largest independent handler, often processing over 100 wide-body freighters daily, and 16 or more simultaneously. The scale of Hactl operations make it mission-critical to the entire airport's operations.



International Air Cargo Terminal

In 1965, International Air Cargo Terminal (IACT) was designated by the Airline Operators Committee to handle and store their import air cargo at Haneda Airport. By starting a new business of ramp handling services in 2010, IACT has provided a full range of services in cargo and ramp handling, covering from ramp to import / export cargo handling at the warehouse.



Shanghai PuDong International Airport Cargo Terminal Co Ltd

Shanghai PuDong International Airport Cargo Terminal Co Ltd (PACTL) is one of the largest single air cargo terminal operators worldwide. The company was founded in 1999 as a Sino-German Joint-Venture and is known for its dedication to deliver highly professional air cargo handling to its customers.



Shenzhen Airport International Cargo Terminal Co Ltd

International Cargo Centre Shenzhen (ICCS), officially registered as Shenzhen Airport International Cargo Terminal Co., Ltd (SACTL) is a joint venture between Shenzhen Airport Co., Ltd. (SACL) and Lufthansa Cargo AG (LCAG) under the law of P.R. China with limited liability. Both companies share 50 per cent of the total equity.

COMPETING CORPORATE AWARDS

AIR CARGO TERMINAL OPERATOR OF THE YEAR WINNER - HONG KONG AIR CARGO TERMINALS LIMITED



Hong Kong Air Cargo Terminals Limited (Hactl) operates the world's largest general air cargo handling facility, SuperTerminal 1. Opened in 1998 at the new Hong Kong International Airport, this set new standards in automated handling of air cargo, with a design capacity of 3.5 million tonnes per annum.

The heart of SuperTerminal 1 is its giant CSS which has capacity for 3500 loaded ULDs. Loose cargo, awaiting build-up or collection, is stored and retrieved using the automated BSS, with 10,000 storage positions.

Both the CSS and BSS are controlled by Logistics Control Systems which have recently been totally replaced with new, state-of-the-art software developed by Hactl's in-house team. Recent system upgrades have improved integration with various hardware (including mobile devices) and other software, and enhanced communications. The CSS also now embodies up-to-date resilience features. Overall movement order processing has been cut by up to 20 per cent.

Hactl introduced COSAC-Plus – the third generation community cargo management system that links it with forwarders, airlines, truckers and Customs. It was designed and built in house using Hactl's own IT developers. The system is constantly upgraded to enhance Hactl's service standards and maintain its competitive edge.

Hactl's Performance Enhancement team proactively seeks areas where efficiency and quality can be improved through new technology. Innovations include company-wide mobile computing, enabling sharing and input of information on the move; an intelligent storage and retrieval system, Smart Cargo Locating, for loose cargo that does not fit the BSS, ensuring faster retrieval; COSAC-eLoading – a new, paper-free ramp handling process that is more agile and accurate; the opening of a robotic Automated Parts Store; and the creation of a new Integrated Hactl Control Centre (iHCC) that consolidates management of the entire Hactl facility, enabling better responses to peak workloads and emergencies.

Hactl's most important asset is its people. Staff are encouraged to undertake additional education through grants and subsidies. Promotion is internal whenever possible. And long-serving staff are recognised and rewarded (half of all staff have served 10+ years). Hactl creates equal opportunities regardless of gender, religion or nationality. Staff churn is well below industry average, so Hactl staff build experience and skills which positively impact service standards. A new Knowledge Management Initiative is facilitating knowledge transfer from retiring seniors, to benefit younger colleagues.

Hactl has a proud history of setting standards, complies with every relevant standard and is frequently the first to achieve accreditation:

- World's first ISAGO cargo terminal
- Hong Kong's first WHO GDP (for Pharmaceutical Products) cargo handler
- Hong Kong's first IATA CEIV Pharma handler
- First handler to achieve all three IATA CEIV accreditations (Pharma, Fresh, Live Animals)

Hactl has a passion for sustainability, reducing its impact on our fragile planet at every opportunity. Its annual Green Week educates staff about the importance of their actions. It has implemented countless measures such as low-energy lighting, solar energy generation, recycling of paper and wood, and (most recently) has banned single-use plastics in SuperTerminal 1.

COMPETING CORPORATE AWARDS

CONTAINER TERMINAL OPERATOR OF THE YEAR FINALISTS

This category is dedicated to container terminal operators based in Asia.



Hutchison Port

Our journey began in 1866 as the Hong Kong and Whampoa Dock Company, constructing and repairing ships. By 1969, we had diversified into cargo and container handling as Hongkong International Terminals Limited (Hutchison Ports HIT), and in 1994, as our international network of ports grew, we became Hutchison Port Holdings Limited (Hutchison Ports). Further expansion followed, into logistics and transportation businesses, including cruise ship terminals, distribution centres, rail services and ship repair.



International Container Terminals Services

Established in December 1987 in the Philippines, International Container Terminals Services (ICTSI) has become a leading operator, innovator and pioneer in its field. Soon after consolidating and strengthening our flagship operations at the Manila International Container Terminal, we launched an international and domestic expansion programme and today, we operate in many countries across the world, employing more than 9,000 people.



Port of Tanjung Pelepas

The Port of Tanjung Pelepas (PTP) is strategically located at the confluence of the main east-west shipping lanes, offering Shipping Lines deviation time of a mere 45 minutes and situated in a sheltered bay with no tide restrictions. PTP is backed by state-of-the-art facilities, equipment and technology systems linked to all port users. To date, PTP is operating with 14 berths totalling 5.04km in linear wharf design.



PSA International

PSA International (PSA) is a leading port group and trusted partner to cargo stakeholders. With flagship operations in Singapore and Antwerp, PSA's global network encompasses 160 locations in 42 countries around the world. The Group's portfolio comprises over 60 deepsea, rail and inland terminals, as well as affiliated businesses in supply chain management and logistics services, marine services, distriparks and warehouses.



Yantian International Container Terminals

Yantian International Container Terminals is the leading gateway serving import and export container traffic. Characterised by its natural deep-water berths and unparalleled mega-vessel handling capabilities, Yantian is the preferred port-of-call for mega-vessels in South China and one of the busiest container terminals in the world.

COMPETING CORPORATE AWARDS

CONTAINER TERMINAL OPERATOR OF THE YEAR WINNER - PSA INTERNATIONAL



At PSA, we pride ourselves on our excellent customer relations. We believe that customer service and satisfaction are fundamental to successful partnerships, and we constantly seek innovative ways to create value for our customers and help them boost productivity. PSA works closely with many of the world's shipping lines, using our collective skills, knowledge and experience to anticipate our customers' every need and deliver even more. PSA has the flexibility to customise our services according to a shipping line customer's individual requirements.

Operational Excellence

For more than four decades, PSA continuously developed and upgraded its container handling infrastructure, pioneered new systems and processes and streamlined operations to meet the rapid growth in its container terminal business.

PSA Singapore handles about a fifth of the world's transhipped containers. Managing, moving and tracking such huge numbers of containers is an immensely complex operation. PSA has the tested and proven systems and technology to keep operations running smoothly and efficiently, 24 hours a day.

Cutting-edge Technology

Harnessing the latest in automation, wireless communications, information technology and operations research, PSA combined its extensive domain knowledge in container operations with new technologies and innovated CITOS (Computer Integrated Terminal Operations Systems) and PORTNET®, setting a new benchmark for connectivity, efficiency, speed and reliability for mega-hub operations.

PSA's investment in technological innovation results in consistent service excellence that our customers can rely on in any port where we operate. Our dedicated operations team constantly develops solutions to work harder for our customers, so that they enjoy the benefits of faster, more reliable and more cost effective processes.

Global Management Team

PSA is able to draw on its global talent pool in business development, operations, marketing, human resource, finance, engineering and IT and tap into the resources of the entire Group for deployment to any of our ports around the world. PSA places great emphasis on staff training for which it was accorded numerous awards for people development. Training road maps are customised for employees so they can continually upgrade their skills and serve the customer better.

COMPETING CORPORATE AWARDS

AIDC PARTNER OF THE YEAR FINALISTS

This category is applicable to Automatic Identification and Data Capture (AIDC) companies that are principal data capture systems service providers only (distributors do not qualify).



Honeywell

Honeywell's Productivity Solutions and Services business creates mobile computers, printers, and data capture devices that improve worker productivity in thousands of companies of all sizes around the world. Maximise worker productivity, optimise business performance, and increase return on investment with our wide range of software solutions from Communication to Business Intelligence, Device Management, Development Tools, and more.



Keyence

Keyence has steadily grown since 1974 to become an innovative leader in the development and manufacturing of industrial automation and inspection equipment worldwide. Our products consist of code readers, laser markers, machine vision systems, measuring systems, microscopes, sensors, and static eliminators. Our innovative products not only meet current needs but also future customer requirements in the manufacturing and research & development sectors.



SATO

As businesses today search for how big data can benefit them, at SATO, we focus on the more immediate question: "How can we make that 'thing' big data?" In a world where most things have yet to be digitised, our auto-identification solutions provide the answer. We tag IDs to anything — and everything — to track items and help businesses run smoothly, without stopping.



Zebra Technologies

Zebra solutions can be found working behind the scenes in many industries around the world. The company ensures every asset and worker on the edge is visible by connecting them to the data they need. By guiding them with clear and accurate insights for the best next action, and optimising workflows, operations, and decisions in real time for efficient, impactful results, we empower the front line of business in retail/ecommerce, manufacturing, transportation and logistics, healthcare, public sector and other industries to achieve a performance edge.

COMPETING CORPORATE AWARDS

AIDC PARTNER OF THE YEAR WINNER - HONEYWELL



Innovator in AIDC and Leader in Industrial Products

Honeywell's Productivity Solutions and Services business creates mobile computers, printers, and data capture devices that improve worker productivity in thousands of companies of all sizes around the world.

Honeywell helped pioneer the barcode scanning market in the 1970s, and

over the years its new innovations have helped retailers, distribution centres, transportation and logistics, and healthcare organisations achieve significant improvements in efficiency, speed, and accuracy in their operations. Our selection of Productivity Solutions:

- **MOBILE COMPUTERS** for handheld and vehicle-mounted applications – designed to help future-proof operations, improve productivity and lower total cost of ownership
- **BARCODE SCANNERS** that are purpose-built to read even the most difficult or damaged barcodes in a variety of environments and applications
- **PRINTERS** with high-precision, high-volume printing capabilities and track-and-trace functionality to increase production efficiency
- **RFID** for logistics, manufacturing and retail to track and manage inventory, material assets and processes

Most people view Honeywell Productivity Solutions and Services as a hardware provider – and we are. But we are also a software provider, because great hardware needs powerful software to make it more effective. Maximise worker productivity, optimise business performance, and increase return on investment with our wide range of software solutions:

- **HONEYWELL VOICE**

When workflows require accurate hands-on interactions, you do not need workers wrestling with devices that cause distractions and wasted movements. Workers handling multiple devices to perform tasks could also create unsafe workflows and inaccuracies with data recording. Give your workers the ability to work hands-free safely and empower them to perform their job at the highest level.

Achieve higher levels of productivity and accuracy in your demanding distribution centre (DC) and warehouse operations with Honeywell Voice technology. We will move your workers safely and efficiently through voice-guided workflows, making their jobs easier and helping you run a smarter, better business. Honeywell Voice technology can direct your workers – working both hands-free and eyes-free through their mobile workflows to minimise steps and maximise efficiencies.

- **OPERATIONAL INTELLIGENCE**

In today's world, measuring performance levels and keeping up with operational efficiencies are often presented through data and analytics. However, that data means nothing without action. Achieve intelligent visibility into people and workflows when deploying the Operational Intelligence software solution from Honeywell. Operational Intelligence allows you to identify potential problems and, even more importantly, solutions to those problems before they happen.

Operational Intelligence gives you the power of predictive analytics and insights, helping you to identify problems with network coverage in your building, app usage on deployed devices, device battery health and life cycle and so much more.

- **SMART TALK**

Highly mobile and deskless workers often rely on a mixture of communication methods to stay in touch and perform collaborative tasks. However, training, support and security for mobile workers can be patchy, making device management administration an endless headache for IT. With Honeywell Smart Talk, you can tackle the challenges presented by fragmented employee communications.

Achieve enterprise grade security for voice calling, text and media messaging all from one device. Smart Talk is designed to provide high-quality connection, compatibility, flexibility and security allowing your workforce to feel confident in the quality and security of their communications.

COMPETING CORPORATE AWARDS

WMS PARTNER OF THE YEAR FINALISTS

This category is applicable to warehouse management software (WMS) service providers only (distributors do not qualify).



Blue Yonder WMS

Blue Yonder is the world leader in digital supply chain and omni-channel commerce and fulfillment. Blue Yonder's Luminare® Platform is an end-to-end platform that provides synchronised business planning, execution, delivery and labour solutions that optimise clients' businesses and people from end-to-end. Luminare leverages industry-leading artificial intelligence and machine-learning capabilities and workflow-driven user experiences to help clients better predict, prevent, and resolve disruptions across their entire business.



Manhattan Associates WMS

Manhattan WMS sets the standard for supply chain innovation. Manhattan's warehouse management software is a highly-mobile and flexible WMS using advanced artificial intelligence, machine-learning technology and proprietary algorithms for orchestration of the industry's first Warehouse Execution System within a Warehouse Management System.



NetSuite WMS

NetSuite WMS optimises day-to-day warehouse operations using industry leading best practices—including intelligent pick and pack processes, handheld barcode scanning, cycle counting and integration with shipping systems—to more efficiently run your warehouse and minimise handling costs. NetSuite WMS guides users through important tasks—from receiving and storing items to picking and shipping them—in the most efficient way.



SAP WMS

SAP is one of the world's leading producers of software for the management of business processes, developing solutions that facilitate effective data processing and information flow across organisations. The SAP WMS provides flexible, automated support in processing all goods movements and in managing stocks in your warehouse complex.

COMPETING CORPORATE AWARDS

WMS PARTNER OF THE YEAR WINNER - BLUE YONDER WMS



A long-recognised leader in supply chain with 35-plus years of domain experience, Blue Yonder is the world leader in digital supply chain transformations and omni-channel commerce and fulfilment. The company's end-to-end, cognitive business platform enables retailers, manufacturers and logistics providers to best fulfil customer demand from planning through delivery. With Blue Yonder, companies can unify your data,

supply chain and retail commerce operations to unlock new business opportunities and drive automation, control and orchestration to enable more profitable, sustainable business decisions.

Blue Yonder empowers more than 3,000 world-leading companies with a seamless, end-to-end commerce experience that intelligently anticipates and satisfies the many expectations of the consumers they serve. Customers include 68 of the Top 100 retailers, 70 of the Top 100 CPG companies, 61 of the Top 100 manufacturers, and 11 of the top 15 global 3PLs.

In the supply chain technology industry, Blue Yonder is the only company recognised as a Leader in three Gartner Magic Quadrant reports covering Warehouse Management Systems, Transportation Management Systems and Supply Chain Planning.

Blue Yonder's Luminate® Platform is an end-to-end platform that provides synchronised business planning, execution, delivery and labour solutions that optimise clients' businesses and people from end-to-end. Luminate leverages industry-leading artificial intelligence and machine-learning capabilities and workflow-driven user experiences to help clients better predict, prevent, and resolve disruptions across their entire business.

Blue Yonder's Luminate offering currently has three key supply chain portfolio areas:

- Luminate Commerce: Solutions for merchandise, assortment, space and floor planning, allocations, pricing and promotions, store operations, workforce management, and order management
- Luminate Logistics: Solutions that drive flexible, fully autonomous digital distribution networks, enabling increased omni-channel service levels, reduced logistics costs, and improved disruption handling
- Luminate Planning: Solutions that position companies to sense, predict, and pivot using AI/ML and real-time data from suppliers, factories, distributors, retailers, customers, and external variables

The key benefits of Luminate Platform include:

- Connectivity and real-time visibility across the enterprise and extended network
- Simplified complexity with digital edge technologies like ML, IoT, and advanced analytics
- Increased agility to onboard new capabilities quickly, configure workflows and create new ways to view or analyse data
- Increased accuracy of decisions empowered by value-add data, automation, analytics and machine-learning recommendations
- Engaging users with workflow-driven, omni-channel experiences

When it comes to innovation, Blue Yonder is a leader. The company has over 400 patents granted and pending, which represents the largest patent portfolio in the field of supply chain management technology for any company or institution. The company has more than 110 data science experts working on artificial intelligence/machine-learning, analysis, modelling, optimisation, and/or data engineering – with a goal to grow that number in the coming years.



COMPETING CORPORATE AWARDS

MHE PARTNER OF THE YEAR FINALISTS

This category is applicable to material handling equipment (MHE) companies that are principal forklift vendors only (distributors do not qualify).

The logo for Crown Equipment, featuring the word "CROWN" in a bold, black, sans-serif font with a stylized, blocky design.

Crown Equipment

Since its entry into the material handling equipment industry in 1960, Crown has earned a reputation as a leading innovator in world-class forklift and material handling equipment. Crown designs and manufactures up to 85 per cent of its lift truck components, including key parts like motors, drive units, and electronic modules. When it says Crown on the outside, it is a Crown on the inside.

The logo for Jungheinrich, featuring the word "JUNGHEINRICH" in a bold, black, sans-serif font with a red upward-pointing arrow above the letter "J".

Jungheinrich

As pioneers in the sector, Jungheinrich is a family business committed to creating a warehouse of the future and supporting Singapore businesses to transform into a more sustainable future. Therefore, we are at the forefront of introducing electric-powered machines, very narrow aisle trucks, and automatic guided vehicles, many powered through lithium-Ion technology.

The logo for Kardex, featuring the word "kardex" in a bold, blue, sans-serif font.

Kardex

Kardex is a global industry partner for intralogistics solutions and a leading supplier of automated storage solutions and material handling systems. Kardex Remstar offers innovative automated storage solutions and first class life cycle service dedicated to optimising your storage and order picking operations.

The logo for Mitsubishi Forklift Trucks, featuring the Mitsubishi three-diamond symbol in red and black, followed by the text "MITSUBISHI FORKLIFT TRUCKS" in a bold, black, sans-serif font.

Mitsubishi Forklift Trucks

Mitsubishi Forklift Trucks have been at the forefront of material handling technology for over 30 years. We have built a reputation for our trucks' outstanding reliability and staked our reputation on each forklift that bears our name. Mitsubishi Forklift Trucks is a brand of Mitsubishi Logisnext Group, which also owns renowned forklift brands including Nichiyu Electric Forklift, UniCarriers, CAT® Lift Trucks, and many others.

COMPETING CORPORATE AWARDS

MHE PARTNER OF THE YEAR WINNER - MITSUBISHI FORKLIFT TRUCKS



Goldbell is the exclusive distributor for Mitsubishi Forklift Trucks in Singapore, Malaysia, and Vietnam. Catering to almost every material-handling need, we carry a range of forklift types, including diesel, gasoline, and electric forklifts, covering the full spectrum of payloads from one to 23 tonnes. Goldbell understands that each application is unique and that different jobs necessitate different requirements. Therefore, before recommending the best forklifts to increase productivity and maximise profits, our professional team carefully evaluates customers' needs and warehouse configurations, such as tonnages and height requirements.

At the heart of Goldbell's business is its unwavering commitment to delivering the highest quality of service excellence and after-sales support as part of its Goldbell Care promise. To meet our customers' needs in different markets, we represent a wide range of forklift brands, including Nichiyu Electric Forklift, UniCarriers, CAT® Lift Trucks, TCM, Mlift, and STILL forklift. In addition, we support our customers with dependable after-sales service, including comprehensive maintenance programmes, onsite equipment servicing, and 24-hour breakdown service. Furthermore, we keep an expansive inventory of spare parts for current and older models, committing to 95 per cent parts availability for active-line items. In addition, in collaboration with the Singapore Manufacturing Federation (SMF), we offer "WSQ Operate Forklift" training on our premises.

Goldbell Group is Singapore's largest player in leasing and distribution of commercial and industrial vehicles and has been providing industry-wide transport and logistic solutions – passenger and commercial vehicles and material handling equipment – for nearly four decades. The company's diverse business portfolio operates under three main business pillars: distribution, leasing, and financial services, which deliver a suite of end-to-end business solutions to meet every industry's needs, from construction, manufacturing, logistics and transport to aviation.



COMPETING CORPORATE AWARDS

ASIAN 3PL OF THE YEAR FINALISTS

This category is dedicated to industry leaders in Asia.



KERRY
LOGISTICS

Kerry Logistics

Kerry Logistics is an Asia-based, global 3PL with a highly diversified business portfolio and the strongest coverage in Asia. With a global presence across 59 countries and territories, Kerry Logistics has established a solid foothold in half of the world's emerging markets. Our diverse infrastructure, extensive coverage in international gateways and local expertise span across the Mainland of China, India, Southeast Asia, the CIS, Middle East, LATAM and other locations.



NIPPON EXPRESS

Nippon Express

Nippon Express is a Japan-based logistics company with a global reputation. We began working as a logistics provider more than 80 years ago, and our ground transportation business dates back to 1872. As a logistics consultant, we aim to connect the world through transportation. At Nippon Express, we provide one-stop business solutions by integrating different modes of transport throughout the world.



Singapore
POST

Singapore Post

Singapore Post (SingPost) is pioneering and leading in e-Commerce logistics as well as providing innovative mail and logistics solutions in Singapore and around the world, with operations in 15 markets. The suite of SingPost eCommerce logistics solutions includes front end web management, warehousing and fulfilment, last mile delivery and international freight forwarding.



YCH

YCH Group

YCH Group is Asia's leading supply chain and logistics provider with more than 5,000 employees in 100 cities across Asia Pacific. YCH's mission is to integrate the data flows in the supply chain with our unique analytics capabilities by combining domain expertise and innovative technologies to provide end-to-end supply chain enablement. YCH's recipe for continued success is an amalgamation of several factors.

COMPETING CORPORATE AWARDS

ASIAN 3PL OF THE YEAR WINNER - KERRY LOGISTICS



KERRY
LOGISTICS



Kerry Logistics is an Asia-based, global 3PL with a highly diversified business portfolio and the strongest coverage in Asia. With a global presence across 59 countries and territories, Kerry Logistics has established a solid foothold in half of the world's emerging markets. Our diverse infrastructure, extensive coverage in international gateways and local expertise span across the Mainland of China, India, Southeast Asia, the CIS, Middle East, LATAM and other locations.

Our core competence is to provide highly customised solutions to multinational corporations and international brands, meeting their needs from sourcing, manufacturing to selling in Asia and across the globe. We offer a broad range of supply chain solutions from integrated logistics, international freight forwarding (air, ocean, road, rail and multimodal), industrial project logistics, to cross-border e-commerce, last-mile fulfilment and infrastructure investment.

Financial Highlights

The Group generated a revenue of over HK\$81.7bn in 2021 and is the largest international logistics company listed on the Hong Kong Stock Exchange (Stock Code 0636.HK). Core net profit increased by 102 per cent to HK\$3.7bn and International Freight Forwarding business recorded a segment profit of HK\$4.8bn, representing a 389 per cent growth.

Asia Specialist, Global Solutions

In 2021-2022, Kerry Logistics continued to deepen our presence and widen our capabilities in Asia.

Aug 2021 - introduced a new Trans-Pacific air freight service to connect multiple Asian locations to the USA. Named Kerry Freight Controlled Network (KCN), the freight integrator centres on the Americas hub set up in Huntsville, Alabama, USA. It is a time-definite solution that offers standard air freight services to customers with guaranteed space and long-term pricing, fulfilling the needs of customers looking for stable and long-term solutions.

First flight from Hong Kong to Huntsville was launched in Sep 2021 while inaugural flight from Hanoi to Huntsville was completed in Jul 2022, expanding our KCN to include three weekly flights from Hanoi to Huntsville.

COMPETING CORPORATE AWARDS

GLOBAL 3PL OF THE YEAR FINALISTS

This category is dedicated to industry leaders in the global stage.



Bolloré Logistics

As global networks and supply chains become increasingly intertwined and complex today, the company seeks to transform customers' logistics experience by streamlining operations while offering clear visibility of the entire process. From the design to the deployment of reliable and sustainable solutions, the company centralises end-to-end coordination through its extensive network of control towers.



CEVA Logistics

CEVA Logistics provides and operates transportation and supply-chain solutions for large or medium size national and multinational companies. We offer a broad range of services in both Contract Logistics and Freight Management thanks to 78,000 employees, operating over 1,000 facilities in more than 160 countries.



DB Schenker

Beyond the successive years of record performance, most recently a 21 per cent year-on-year improvement in APAC Contract Logistics, and despite the past 2 years of pandemic stricken challenges and other uncertainties, DB Schenker continues relentlessly in expanding its footprint with flagship investments in Hong Kong with the Advanced Manufacturing Centre partnership with HKSTP, in South Korea with KLC2, as well as major hubs in Pinghu China, and Badli, India.



DHL Supply Chain

DHL is the leading global brand in the logistics industry. With about 380,000 employees in more than 220 countries and territories worldwide, DHL connects people and businesses securely and reliably, enabling global sustainable trade flows.



GEODIS

GEODIS has helped its customers stay ahead of the e-commerce boom, with its expansive multi-channel fulfilment network that not only provides the optimal location for cost savings, but also increases their order speed, inventory control, and visibility.



Kuehne+Nagel

With over 78,000 employees at almost 1,300 sites in over 100 countries, the Kuehne+Nagel Group is one of the world's leading logistics providers. It operates in sea logistics, air logistics, road logistics and contract logistics, with a clear focus on integrated logistics solutions.

COMPETING CORPORATE AWARDS

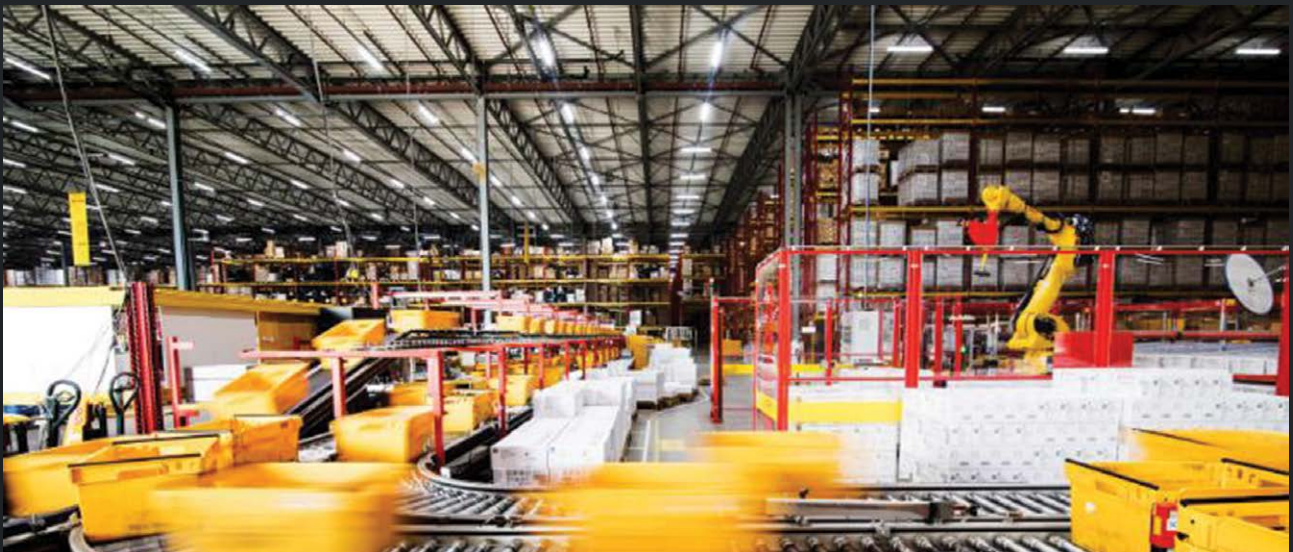
GLOBAL 3PL OF THE YEAR WINNER - DHL SUPPLY CHAIN



DHL is the leading global brand in the logistics industry. Our DHL divisions offer an unrivalled portfolio of logistics services ranging from national and international parcel delivery, e-commerce shipping and fulfilment solutions, international express, road, air and ocean transport to industrial supply chain management.

With about 380,000 employees in more than 220 countries and territories worldwide, DHL connects people and businesses securely and reliably, enabling global sustainable trade flows.

With specialised solutions for growth markets and industries including technology, life sciences and healthcare, engineering, manufacturing & energy, auto-mobility and retail, DHL is decisively positioned as "The logistics company for the world".



COMPETING CORPORATE AWARDS

OVERALL SUPPLY CHAIN PARTNER OF THE YEAR FINALISTS

The Overall Supply Chain Partner of the Year category is open to ALL CORPORATE FINALISTS that meet the following criteria:

- Presence during the Awards celebration
- Strong leadership team (or at least visible leaders with strong profiles in the industry)
- A regional presence (in at least five countries in Asia)
- Provide supply chain and logistics-related services and solutions with focus on adoption and intensive use of technology

The final list of companies will be voted by the Awards Committee and Panel of Judges, before being presented for live voting during the Awards Night.



CEVA Logistics

CEVA Logistics provides and operates transportation and supply-chain solutions for large or medium size national and multinational companies. Our experienced specialists focus on seamlessly designing end-to-end customised solutions to meet the complex and rapidly evolving supply chain needs whatever the business sector. CEVA Logistics is part of the CMA CGM Group, a world leader in shipping and logistics.

Within Asia Pacific, CEVA Logistics is present in 22 countries, taking up more than 1.5 million sqm of warehousing space. Last year, we came up tops, moving in total over 437,000 tons in Airfreight, 1.1M TEUs in ocean freight and 1.9 million shipments via ground transportation.



DB Schenker

Beyond the successive years of record performance, most recently a 21 per cent year-on-year improvement in APAC Contract Logistics, and despite the past two years of pandemic-stricken challenges and other uncertainties, DB Schenker continues relentlessly in expanding its footprint with flagship investments in Hong Kong with the Advanced Manufacturing Centre partnership with HKSTP, in South Korea with KLC2, as well as major hubs in Pinghu China, and Badli, India.

As a pioneer and disruptor in the logistics industry, Schenker's unparalleled commitment towards innovation can be exemplified in the first successful VoloDrone flight, application of AI-based logtech in operations to optimise supply chain efficiencies, such as autonomous MHE, Virtual Reality, Avatour, Exoskeletons and the establishment of Schenker Ventures to support start-ups with capital and industry knowledge.

COMPETING CORPORATE AWARDS

OVERALL SUPPLY CHAIN PARTNER OF THE YEAR FINALISTS



DHL

DHL is the leading global brand in the logistics industry. Our DHL divisions offer an unrivalled portfolio of logistics services ranging from national and international parcel delivery, e-commerce shipping and fulfilment solutions, international express, road, air and ocean transport to industrial supply chain management. With about 380,000 employees in more than 220 countries and territories worldwide, DHL connects people and businesses securely and reliably, enabling global sustainable trade flows.

With specialised solutions for growth markets and industries including technology, life sciences and healthcare, engineering, manufacturing & energy, auto-mobility and retail, DHL is decisively positioned as "The logistics company for the world".



GEODIS

GEODIS is a global leader in the transport and logistics sector, recognised for its commitment to helping clients overcome their logistical constraints. GEODIS has built its strength as a transport company through more than a century of experience and a highly structured operating model. By constantly studying the needs of its customers and the market conditions, GEODIS stays ahead of the curve through innovative and fast-evolving solutions.

GEODIS' growth-focused offerings include Supply Chain Optimisation, Freight Forwarding, Contract Logistics, Distribution & Express and Road Transport. The company's global reach with an international network spread in over 170 countries enables it to connect businesses and consumers from all parts of the globe. The company stands at no. 1 in France and no. 7 worldwide in terms of business rankings and employs over 44,000 people globally.



Kerry Logistics

Kerry Logistics is an Asia-based, global 3PL with a highly diversified business portfolio and the strongest coverage in Asia. With a global presence across 59 countries and territories, Kerry Logistics has established a solid foothold in half of the world's emerging markets. Our diverse infrastructure, extensive coverage in international gateways and local expertise span across the Mainland of China, India, Southeast Asia, the CIS, Middle East, LATAM and other locations.

Our core competence is to provide highly customised solutions to multinational corporations and international brands, meeting their needs from sourcing, manufacturing to selling in Asia and across the globe. We offer a broad range of supply chain solutions from integrated logistics, international freight forwarding (air, ocean, road, rail and multimodal), industrial project logistics, to cross-border e-commerce, last-mile fulfilment and infrastructure investment.

COMPETING CORPORATE AWARDS

OVERALL SUPPLY CHAIN PARTNER OF THE YEAR FINALISTS



Kuehne+Nagel

The Kuehne+Nagel Group's strong market position lies in the sea, air, road, and contract logistics, with a clear focus on integrated logistics solutions. Our business activities and market position are built upon the company's dedication to providing tailor-made, scalable logistics solutions of the highest quality and planning reliability to its customers. Ultimately, the most essential element of our business is the needs of our customers.

As part of the Group's ambition to make Kuehne+Nagel the best company to work for and the best company to do business with, we have built a company culture that puts humans at the heart of everything we do. In 2021, Kuehne+Nagel Asia Pacific and Singapore were recognised as 14th overall in Singapore's Best Employers 2021 – a survey by The Straits Times and global research firm Statista. The company also bested peers from the Transportation and Logistics sector, clinching the #1 position for two consecutive years.



Singapore Post

Steeped in more than 160 years of rich history, Singapore Post (SingPost) has transformed from being the national postal service provider to a global company with operations in more than 15 countries and territories worldwide. Driven by our vision to connect people, communities and commerce, we help businesses grow and connect people to what is important in their lives by delivering trusted postal, logistics and digital services across the globe.

The suite of SingPost eCommerce logistics solutions includes front end web management, warehousing and fulfilment, last mile delivery and international freight forwarding.



YCH Group

YCH Group is one of Asia's leading supply chain and logistics providers. Significant developments from 2020-2022 include driving connectivity in ASEAN, through smart logistics infrastructure such as the US\$300m Vietnam SuperPort™ to support "Cities to grow without growing pains." Similar projects cemented were Phnom Penh Logistics Centre and smart logistics infrastructure development in the Philippines.

YCH Group will launch OMS4.0 to enable O2O transformation as part of Singapore's Retail Industry Transformation Map. YCH championed the greening of supply chain with Procter and Gamble. During Covid-19, YCH responded to challenges in supply chain disruptions and remained agile in our operations through automation.

Professional Development Programs –

developed in partnership with Singapore Management University (SMU) Academy



PROFESSIONAL PATHWAY

Industry 4.0 & Supply Chain Transformation Workshop (3-day)

A macro-overview of tech that matters, including about Internet of Things, 3D Printing, Robotic Process Automation (RPA), Machine Learning & Deep Learning, Autonomous Technologies & Robotics as well as Immersive Technologies.

Professional Certificate in Supply Chain Innovation (5-day)

Acquire hands-on and foundation skills in Robotic Process Automation (RPA) using UiPath platform and develop a deeper understanding of Machine Learning and Deep Learning applications for business.

More information -
www.supplychainasia.org

ACADEMIC PATHWAY

Advanced Certificate in Logistics & Supply Chain Management (15-day)

This is a 6-module, 15-day training covering topics such as Fundamental of Supply Chain Management, Supply Chain Operations Management, Multi Modal & Transportation Management, Air and Sea Freight Operations Management, Warehousing & Logistics Management as well as Trade Regulation, Facilitation & Compliance Management

Advanced Certificate in Supply Chain Transformation & Innovation (15-day)

This is a 5-module, 15-day training covering topics such as Digitalisation of Supply Chain, Internet of Things, Advanced Analytics and Business Intelligence, Autonomous Technologies & Robotics and Innovation Transformation Toolkit & Project Management.

Complete both Advanced Certificate and be awarded with the Advanced Diploma in Logistics and Supply Chain Management & Transformation by Singapore Management University Academy.

Why cold storage assets are gaining steam



Demand for cold storage facilities surges as investors hunt for alternative investments.

Logistics assets have seen record levels of deal activity in the last few years. But now cold storage warehouses are quickly playing catch-up.

Interest from investors has intensified since the pandemic due to the sustained demand from occupiers such as food and beverage producers and pharmaceutical companies. Cold storage investment volumes in Asia Pacific grew nearly fivefold from 2019 to hit US\$1 billion in 2021, according to data from Real Capital Analytics.

In March this year, a joint venture between CapitalLand Investment and PGIM Real Estate completed the acquisition of Hansol Cold Storage Centre in Gwangju, South Korea, for KRW 90.2 billion (US\$74 million) as part of its core logistics strategy in the country.

Cold storage facilities are likewise seeing booming growth in the U.S., where private-equity firm Bain Capital and real estate developer Barber Partners recently announced a US\$500 million partnership to develop next-generation cold storage warehouses across the country.

“Investors were mostly staying on the sidelines as cold storage was a relatively new product a few years ago,” says Pamela Ambler, Head of Investor Intelligence, Asia Pacific, JLL. “But that changed last year when many investors shifted their focus from general logistics to cold storage facilities as a means of diversification.”

Investors were mostly staying on the sidelines as cold storage was a relatively new product a few years ago.



Pamela Ambler

Head of Investor Intelligence, Asia Pacific, JLL

On track for growth

Over the last five years, the record level of new logistics stock in Asia Pacific has driven record deal activity in both general warehouse and cold storage assets, according to JLL's cold storage report.

"The belated supply cycle for cold storage indicates that its deal volume trend is lagging conventional warehouses by three or four years," says Ambler.

"This suggests the cold storage segment will likely experience increased deal activity in the next few years as more supply comes on stream."

Take Japan and South Korea, which jointly account for nearly 50% of the overall general warehouse investment volume in the region over the last three years. The unprecedented levels of warehouse supply in both countries led to high transactional activity, culminating in sharp yield compression and capital value growth.

"We expect this pattern to be repeated in the cold storage sector over the next several years," says Ambler. Currently, grade A cold storage stock is at a compound annual growth rate (CAGR) of 16% and 41% in Tokyo and Seoul respectively, JLL data shows.

Driven by strong growth in capital flows into the sector and robust demand tailwinds, cold storage yields are also compressing at a brisker pace than that of conventional warehouses.

The spread between cold storage and general warehouses has been tightening in more mature markets and is estimated between zero and 80 basis points (bps) in tier-one markets across Asia Pacific, according to JLL.

Lower risk

Previously, lower liquidity and higher costs justified an additional risk premium for cold storage assets relative to general logistics, but these risks are gradually diminishing.

"The risks associated with cold storage are offset by structural tailwinds, including higher rental premiums, higher occupancy rates, longer weighted average lease expiries, as well as fixed rental escalation and triple net lease agreements," says Ambler.

Part of this boils down to the continued surge in demand from businesses requiring cold storage spaces, particularly non-discretionary tenants such as pharmaceuticals and online grocers which boomed during the pandemic.

Based on estimates, the asset class will ultimately make up 10% to 15% of overall logistics stock as it continues attracting investor interest, Ambler says.

"In the Asia Pacific region, we expect investment in cold storage to quintuple and reach at least US\$4 billion over the next decade."



Zoom in on the key trends driving the demand for cold storage.



Shaping the **future.**

The people we shape the future for are as important as the real estate solutions we shape it with. That's why we use and develop smarter technologies, and reinvent and innovate spaces that can ignite and transform thinking.



Take a closer look at how we shape the future of real estate for a better world.

