

Air Canada Cargo makes big push in the new normal

Matthieu Casey
Air Canada, Managing Director
Commercial – Cargo



13 | Global News
Qatar Airways Cargo loads up freighters with record volumes.

Airlines



30 | News Features
India's 'Krishi Udan Scheme' to transport agri produce via air

Airports



36 | Trucking
Daimler Truck's FUSO turns 90

Logistics



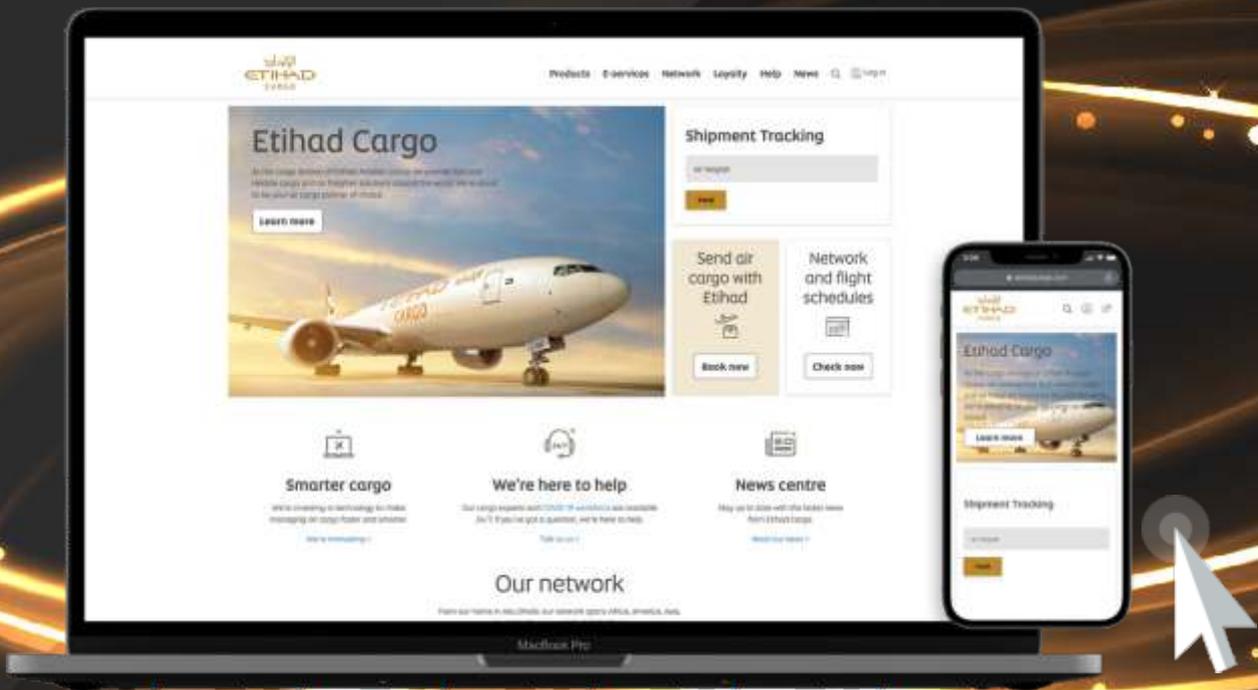
The Lounge



Mohammed Esa
WFS, Senior Vice President

Book direct, book online

Simpler, better, faster, stronger



Download our mobile app




PHARMALIFE


FRESHFORWARD


LIVEANIMALS


SKYSTABLES


FLIGHTVALET


FLYCULTURE


SAFE GUARD


FAST TRACK


GENERAL CARGO


AIRMAIL



PILLAR 4



SUSTAINABILITY BORN IN ECS@GROUP

We are committed to acting in the best interests for our planet, our society, and our future. Our strategies and decisions are centred around the people in our company, our customers, and humanity as a whole.

#AUGMENTEDGSA

ECS@GROUP

Air Cargo Update is a platform to disseminate news and tackle issues in the global air freight industry with emphasis in the Middle East, South Asia and Africa.

• BAHRAIN • CYPRUS • IRAN • IRAQ • JORDAN • KUWAIT • LEBANON • OMAN • QATAR • SAUDI ARABIA • SYRIA • UNITED ARAB EMIRATES • YEMEN • ALGERIA • ANGOLA • BENIN • BOTSWANA • BURKINA FASO • BURUNDI • CAMEROON • CENTRAL AFRICAN REPUBLIC • CHAD • CONGO • COTE D'IVOIRE • DJIBOUTI • E. GUINEA • EGYPT • ERITREA • ETHIOPIA • GABON • GHANA • GUINEA • GUINEA • BISSAU • KENYA • LESOTHO • LIBERIA • LIBYA • MADAGASCAR • MALAWI • MALI • MAURITANIA • MAURITIUS • MOROCCO • MOZAMBIQUE • NAMIBIA • NIGER • NIGERIA • RWANDA • SAO TOME & PRINCIPE • SENEGAL • SEYCHELLES • SIERRA LEONE • SOMALIA • SOUTH AFRICA • SUDAN • SWAZILAND • TANZANIA • TOGO • TUNISIA • UGANDA • ZAIRE • ZAMBIA • ZIMBABWE • BANGLADESH • BHUTAN • INDIA • PAKISTAN • SRI LANKA • NEPAL



7 dimensions
MEDIA FZE LLC

PO Box: 9604, SAIF Zone, Sharjah - UAE
Tel: +971 6 557 9579, Fax: +971 6 579569,
info@7dimensionsmedia.com
www.7dimensionsmedia.com

Chief Editor

Gemma Q. Casas
gemma@7dimensionsmedia.com

Contributors

Nirmala Rao
Ayesha Rashed
ayesha@aircargoupdate.com

Sales & Marketing

Israr Ahmad
israr@7dimensionsmedia.com

Head Operations

Mohammad Karimulla
karimulla@7dimensionsmedia.com

Creative Director

Mohammed Imran
imran@7dimensionsmedia.com

Photo Journalist

Wasim Ahmed
wasim@7dimensionsmedia.com

WORLDWIDE MEDIA REPRESENTATIVES
France, Belgium, Monaco, Spain:
Aidmedia, Gerard Lecoeur; Tel: +33 (0) 466 326 106; Fax: +33 (0) 466 327 073
India:
RMA media, Fareedoon Kuka;
Tel: +91 22 5570 3081; Fax: +91 22 5570 3082
Taiwan:
Advance Media Services Ltd, Keith Lee;
Tel: (886) 2 2523 8268; Fax: (886) 2 2521 4456
Thailand:
Trade and Logistics Siam Ltd, Dwight A Chiavetta;
Tel: +66 (0) 2650 8690; Fax: +66 (0) 2650 8696
UK, Ireland, Germany, Switzerland,
Austria: Horseshoe Media, Peter Patterson; Tel: +44 208 6874 160

Growth & Expansion

There's obvious growth and expansion in the air cargo industry.

Different air cargo carriers are buying new planes or converting passenger aircraft into freighters. Legacy airlines are focusing more on strengthening their cargo business. And off late, new cargo airlines have emerged financed by reputable shipping groups or other big firms, branching out to the airfreight business.

The changing dynamics in global trade is what's fueling this growth. Since the pandemic struck, there has been more demand for the faster and more reliable air transportation services across the world to haul in mainly e-commerce goods or healthcare products, apart from general cargo.

Global e-commerce sales reached about US\$4.9 trillion in 2021, according to financial experts. The figure is projected to reach about \$7.4 trillion within the next three years.

The global healthcare industry's market value this year is estimated to reach US\$10 trillion. And growth is apparent as more people become health conscious and amid the world's continued need to contain the Coronavirus pandemic with vaccines.

Healthcare is so big that even data collection related to it is an industry itself with a market value of approximately US\$29.1 billion in 2021. Global healthcare data generated annually, used in research, scientific studies, patients themselves for diagnoses or various treatments, among other things, reached 2,314 exabytes in 2020 alone. An exabyte is the equivalent of one quintillion bytes, one billion gigabytes or one million terabytes (TB).

Both the global e-commerce and healthcare industries need the air cargo sector to sustain their operations and flourish. That's a comforting fact that airfreight is here to stay and grow as well.

In this edition, we have Air Cargo Canada's inspiring story of global growth and expansion beyond its borders. The airline is getting more freighters to meet the growing demand for its services. It's also building new specialized facilities.

We'll also share insights on how airports across the world are adopting to cope with growing digital and other security threats as the aviation industry slowly returns to pre-COVID levels, attracting more passengers to fly.

These, more news and other features in **Air Cargo Update's** June edition.

Gemma Q. Casas
Editor-in-Chief

All rights reserved. The opinions and views expressed in this publication are not necessarily those of the publishers. Readers are requested to seek specialist advice before acting on information contained in this publication, which is provided for general use and may not be appropriate for the reader's particular circumstances. The publishers regret that they cannot accept liability for any error or omissions contained in this publication.



ONE PLACE MORE SPACE

Proud providers of full charter air cargo capacity for freight forwarding, logistics and charter broker clients globally.

EXCLUSIVE GLOBAL SALES AGENTS FOR BOEING
747-400, 737NG, 757-200 & 737CL FREIGHTERS



+260M

KGS FLOWN
IN 12 MONTHS



+2,300

FULL CHARTERS
IN 12 MONTHS



+50

GLOBAL AIRPORTS
SERVED IN 12 MONTHS

Contact us at
cargo@aironeaviation.com
or **+44 (0) 203 176 1700**



22

Cover Story

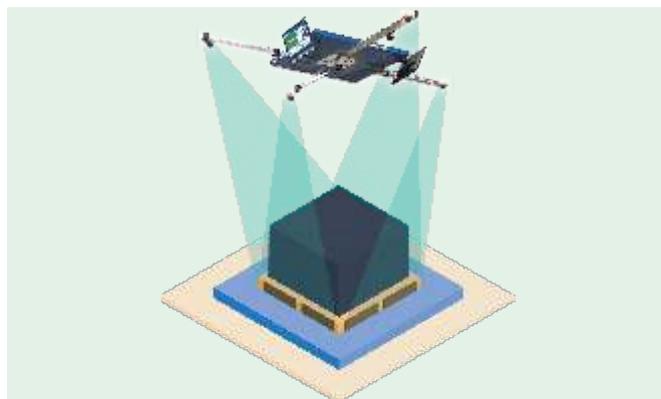
Air Canada Cargo makes big push in the new no



08

The Lounge

Tennis, Hiking, Reading, Spirituality & Mindfulness for this WFS SVP



26

Features

Automated Dimensioning: Key to automation wedge in logistics industry



30

News Features

India's 'Krishi Udan Scheme' to transport agri produce via air



36

Trucking

Daimler Truck's FUSO turns 90

46

Upcoming Events

10 Global News

41 Airports

19 Logistics

43 Executive Moments

39 Airlines

44 Gallery



The
CHALLENGE
in logistics is to find a
GROUP capable of
delivering complete
service. **IS** anyone
aware of
THE perfect
SOLUTION?



The Lounge

Tennis, Hiking, Reading, Spirituality & Mindfulness for this WFS SVP



Mohammed Esa

WFS Senior Vice President
Group Commercial Business Development & Strategy

Esa notes that if he weren't an aviation guy he would probably have ended up as a sports commentator.

Born and raised in India, Mohammed Esa has been working for the last 30 years in many emerging markets, in global leadership, commercial and operational roles in the transportation and logistics industries.

"I have spent the last 18 years at Agility, living in Hong Kong, Dubai & finally settled down in Basel, Switzerland. In addition to that, I also spent 13 years at Emirates Airline, in various roles of Finance, Operations & BD," Esa shared.

Esa's favorite quote is from anything by 'Rumi' whose quotes transcend time and make you reflect. He also looks up to humble leaders like Mahatma Gandhi.

"I find that I am most in tune with my spirituality when I am doing an activity like playing tennis, hiking, reading or participating in

mindfulness. Mental clarity, and a sense of calm is what I find most relaxing. I tend to gravitate towards activities that are calming in nature, and with meditation being incorporated into my weekly routine, I am more grounded and present in my everyday life.

"On weekends, I am usually reading 2 books simultaneously. I read to unwind at the end of a long day, spend time outdoors getting in a walk and some fresh air and occasionally cook as well. The evenings are also to catch up with the kids, hear their stories of the day and learn more about the world from them. They are an amazing source of knowledge," Esa tells *Air Cargo Update*.

Esa holds an MBA degree from Bradford University, UK. He was appointed this year as Worldwide Flight Services (WFS) Senior Vice President, Group Commercial Business Development & Strategy.

Esa, as he's known to friends and colleagues, have spent the last 18 years at Agility Logistics, most recently as SVP Global Business Development & Global Lead Digital Customer Solutions. In this role, he was responsible for shaping and executing Agility's commercial strategy, building long-term customer relationships across various industry sectors, and overseeing the deployment of new and emerging technology solutions.

At WFS, Esa's mission is to develop and oversee the implementation of WFS' commercial development strategies to ensure a fully integrated commercial approach to drive future growth. He will also help to identify and develop new lines of business and focus on the development of digital solutions which support WFS' customer experience and organic growth.

Esa notes that if he weren't an aviation guy he would probably have ended up as a sports commentator.

"Being a sports fan and an ardent follower of tennis & cricket, I would have probably ended up being a commentator or involved somehow in the operational running of one of these sports through youth academies, sports councils, etc."



MOVING YOUR CARGO BEYOND B O R D E R S

Prime Aviation specializes in providing customized cargo solutions to different types of clients from international freight forwarders, to shippers, logistic providers, governments and humanitarian relief organizations. From Europe to China, CIS countries, India and USA, it has developed a global network of agents and offices worldwide.



Air Freight



Air Cargo Charter



Cargo Services

- Cargo acceptance, handling & warehousing
- Door to door delivery
- Customs clearance
- Schedule cargo flights

www.primeaviation.ae

PRIME
A V I A T I O N

PRIME AVIATION FZCO
2W – 401, Dubai Airport free Zone
P.O. Box 936210, Dubai, UAE

Contact: +971 4 3231491, +971 50 5219843
E-mail: sales@primeaviation.ae
Website: www.primeaviation.ae



Lufthansa Cargo orders 10 more freighters



FRANKFURT, Germany: Buoyed by strong demand for air cargo services, Lufthansa Cargo announced it has ordered 10 more new freighters—three Boeing 777Fs and seven new-generation Boeing 777-8Fs—the first of which could be acquired as early as July this year.

Described as the largest investment in the company's history, Lufthansa said the new cargo planes will make it possible to market additional freight capacities in the short to medium term with an aircraft type currently available in the industry and established in the Lufthansa Cargo fleet.

Apart from buying new planes, Lufthansa says it has also extended its leases for two Boeing 777F freighters (current technology), which run through 2024 for seven more years each or through 2031.

The first of the 777F aircraft, which could be acquired on the used market at short notice, is expected as early as July 2022. Two more brand-new B777Fs will follow at a later date.

Lufthansa Group is also reportedly making forward-looking investments in seven new B777-8Fs, a technically enhanced freighter version of the B777F. Delivery of these aircraft is expected at a later date between 2027 and 2030.

Currently, Lufthansa Cargo's freighter fleet consists of a total of 15 Boeing 777Fs, four of which are operated by AeroLogic. In addition, there is the capacity of two A321 freighters and the belly capacity of passenger aircraft operated by Lufthansa, Austrian Airlines, Brussels Airlines and Eurowings Discover.

With the order of 10 Boeing freighters, Lufthansa Cargo will offer its customers expanded capacities within its global long-haul network in the future.

HONG KONG: Cathay Pacific Cargo says it is introducing a suite of Priority options, offering dedicated booking tiers tailored to cargo shipments that require speed, capacity and assurance for every shipment.

The airline said the Priority solution offers three service tiers – First (PR1), Essential Plus (PR2) and Essential (PR3). For general cargo shipments, customers can choose the tier best suited to their needs.

In addition, the First (PR1) and Essential Plus (PR2) service tiers have been extended and are now applicable to all types of shipments requiring special handling, including but not limited to Pharma LIFT, Fresh LIFT and DG LIFT.

First (PR1) is the premium tier that offers the highest commitment to priority for customers' time-critical shipments. This includes access to capacity even on very high-demand flights, with guaranteed uplift once the booking is confirmed. And in the event of unforeseen disruption, such as from bad weather, the shipment will be protected on to the next flight to make up valuable time. To shorten the journey time further, late shipment acceptance and early shipment retrieval are available when applicable, while customers can access Cathay Pacific Cargo's 24/7 Operations Control Centre for enquiries and support through a Live Chat function.

Essential (PR3) is the standard service, providing a reliable and economical solution to bring all kinds of shipments to where they are needed through the Cathay Pacific network and via its professional handling services.

Essential Plus (PR2) is an upgraded service, providing more access to capacity on

“We are very pleased that we have been able to set an important course for our future and the growth of Lufthansa Cargo with the decision to order ten additional widebody freighters. We can offer our customers significantly more capacity in the short and long term, and also ensure that we operate the most modern and efficient freighters in their class. The investments in the next freighter generation, the Boeing 777-8F, will significantly reduce CO2 emissions,” Dorothea von Boxberg, Chairperson of the Executive Board and CEO of Lufthansa Cargo, noted.

“We are, thus, taking another important step on our way to CO2-neutral airfreight. These major investments in Lufthansa Cargo are a sign of confidence in the future development of the airfreight market and in the role that Lufthansa Cargo will continue to play in it.”

The new Boeing 777-8F is considered the most powerful freighter aircraft. It has a range of 8,167 kilometers (4410 nautical miles) and a maximum payload of 118 metric tons. Compared to the 777F version, it has 17 percent more cargo volume. Thanks to the two efficient GE9x engines from General Electric Aviation, fuel consumption is low, which in turn saves emissions. This enables Lufthansa Cargo to run a much more sustainable business and low operating costs.

Cathay Pacific Cargo introduces suite of Priority options for time-sensitive shipments

popular flights and with a higher handling priority than Essential.

Cathay Pacific Regional Head of Cargo South Asia, Middle East and Africa (SAMEA), Rajesh Menon said: “We know that every shipment matters to our customers, so we are introducing Priority across our network, including the UAE. This service is an extension to the booking process, making it a central consideration for every booking. Our Priority tiers are reflected directly in our new Click & Ship booking platform, Cathay Pacific Cargo or EzyCargo websites, in order to put speed and access to capacity at our customers' fingertips.”

CHAPTER 3

LET'S STAND TOGETHER



Because every child deserves an education

Access to education is a crucial foundation for success and independence as an adult. Because WeQare, we want to give children the tools they need to secure a solid start in life.

Moved by people
qrcargo.com



QATAR
AIRWAYS القطرية

CARGO



**Customs Director General
Ahmed Mahboob Musabih**

Dubai Customs asserts readiness to facilitate global trade despite Ukraine-Russia conflict and the pandemic

have highlighted the importance of the role played by global trade hubs in linking international markets and supporting regularity of the supply chains. The UAE has emerged as a major global trade hub thanks to its advanced infrastructure, strategic location and developed systems, applications and operations," said Musabih

"At Dubai Customs, we actively and passionately enhanced the pivotal role of the UAE in supporting global trade. We have completed 24 million transactions in 2021, growing 50% compared to 2020, which amounted to 16 million transactions. 99.6% of the transactions were completed online through the Department's smart systems, where the smart workspace platform enables the completion of the customs declaration in less than 4 minutes," he added.

DUBAI, UAE: Dubai Customs asserted its readiness to help facilitate global trade despite the challenges posed by the Coronavirus pandemic and the Russia-led conflict against Ukraine.

Thanks to its investment on smart technologies and dedicated staff working round-the-clock, the Director General of Dubai Customs and CEO of Ports, Customs and Free Zone Corporation, Ahmed Mahboob Musabih, said Dubai Customs completed 381,275 customs declarations during the Eid al-Fitr holidays that follow the Holy Month of Ramadan.

"The current global economic challenges, in which the repercussions of the Corona pandemic are intertwined with the effects of the Russian-Ukrainian crisis, and the disruption of supply chains

During the Eid Al Fitr holiday, Dubai Customs handled 659,101 bags for 515,235 passengers on 4,170 flights coming to the country through Dubai airports. The department has taken many measures in the three airport terminals and Al Maktoum International Airport to facilitate the entry of visitors & tourists.

Under the directives of His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, Dubai has become the preferred global hub for business and finance. The emirate has succeeded in attracting 418 new investment projects, according to the annual report of the Dubai Investment Development Corporation.

Musabih said the cross-border e-commerce platform, developed and launched by Dubai Customs as the first of its kind in the region, stimulates e-commerce companies' activities and operations as well as those of related companies such as logistics service providers and express shipping companies to encourage them establish distribution centers in Dubai. The project aims to turn Dubai into a global e-commerce hub.



ECS Group goes 'Heart and Seoul to Korea'

focused on intensifying our presence in the Far East, both north and south; a highly dynamic region with a great deal of potential, and one that our key business partners such as DHL are also driving," Thominet commented.

"Our ECS Group pledge is to offer the strongest Asian network with unlimited connections, and yet, until recently, Korea was missing from our extensive network. I am pleased to say, the first six months of operation have already shown that a local presence on the Korean market is highly welcomed, & we look forward to seeing GAC Korea grow its business in this well-yielding and promising market," he added.

H.E. Shin, CEO of Globe Air Cargo Korea, noted, "GAC Korea is ideally located with offices both in the city and at the airport, and with our experienced team, we offer bespoke GSA services in particular to local airlines. We see that the Korean market is keen to learn more about our 'think local, act global' business philosophy, which offers local business access to the global ECS Group network. There are many more GSA opportunities to be explored here."

PARIS, France: Launching its Globe Air Cargo branch in Seoul, Korea, on 23 November 2021, ECS Group, a global leader in the GSSA industry, has secured a strategic foothold in one of the fastest growing markets in Asia-Pacific and opens up possibilities of expanding to other robust economies in the region like China & Japan.

Adrien Thominet, Executive Chairman, described the Far East as a "highly dynamic region with great potentials" and ECS Group looks forward to growing with it.

"Over the past few years, we have strongly

Qatar Airways Cargo loads up freighters with record volumes of fresh Salmon from Norway and other seafood from Scandinavia



DOHA, Qatar: With seven Qatar Airways passenger flights and six Boeing 777 freighter services each week, the Oslo-Doha route is well served, and the airline's cargo capacity well stocked, fresh Salmon in particular from Norway.

The airline says about 95 percent of all perishable seafood (PES) on board its flights out of Scandinavia are Salmon from Norway. The country exported 1.3 million tons of salmon in 2021 valued at EUR 8.57 billion/USD 9.28 billion, making it the world's number one salmon exporter.

Apart from Salmon, Qatar Airways Cargo also regularly transports other seafood such as live King Crabs, Trout, etc., from Iceland and the Faroe Islands.

"Salmon is a particularly delicate cargo commodity as it requires skilled, hygienic handling in temperature-controlled conditions and, above all, reliable, fast connections to its final destination. Qatar Airways Cargo not only offers a global network of over 150 stations, we also reacted quickly to support Norwegian seafood exporters when the pandemic led to a dramatic decrease in available belly capacity. By introducing passenger freighters to the Norwegian seafood market, including Harstad-Narvik Airport in Evenes and Bodø Airport in Northern Norway, Qatar Airways Cargo significantly increased its capacity to

the Norwegian market in 2021 when it was needed the most," said Rob Veltman Vice President Cargo Europe at Qatar Airways.

"Our Operations team went above and beyond to meet the needs of our customers, resulting in record breaking uplift of more than 68,944 kg on a single lower deck 777 passenger flight. Qatar Airways Cargo transported more than 46,000 tonnes of Norwegian seafood in 2021, the highest result yet. The airline transports more than 125 tonnes of seafood from Oslo every single day," Veltman noted.

Adding, "Norwegian salmon is a delicacy that is enjoyed worldwide, and Qatar Airways Cargo ensures that it reaches restaurants and supermarkets around the world in the same fresh state that it was originally sent in."

Qatar Airways Cargo, together with its Norwegian GSA partner, ECS Group subsidiary, NordicGSA, are proven air cargo experts when it comes to seafood logistics.

They were awarded DB Schenker's prestigious Seafood Airline Award for three consecutive years: 2018, 2019, and 2020.

"The DB Schenker Seafood Airline Award is the only award where seafood farmers are the ones judging the various airlines in terms of how they handle perishables, the service offered, their quality and proactiveness, among other factors," Carl Christian Skage, Managing Director of NordicGSA in Norway, explains.

"Our priorities are ensuring commodity-specific service, temperature-control, and above all, an awareness for sustainability, which is a decisive factor, particularly within Scandinavia. That is why we have a programme in place whereby all carbon emissions generated by our operations here in Norway, including the trucking to our hub, is compensated by Norway's largest BIO-carbon capture initiative, Trefadder, which plants trees on our behalf."

Qatar Airways Cargo offers close to 850 tonnes of cargo capacity each week from Norway, transporting Norwegian salmon via Doha's state-of-the-art perishable centre, to destinations across Asia: Seoul/South Korea (ICN), Bangkok/Thailand (BKK), Shanghai/China (PVG), Osaka/Japan (KIX), Narita/Japan (NRT), Hong Kong (HKG), Guangzhou/China (CAN); and the Middle East: Dubai/UAE (DXB), Doha/Qatar (DOH), and Riyadh/Saudi Arabia (RUH).

Ethiopian Airlines orders 5 new Boeing-777 freighters

ADDIS ABABA, Ethiopia: Africa's fastest growing airline, Ethiopian Airlines, announced it is buying five B-777 freighters from Boeing to expand its fleet of cargo aircraft to meet the continent and other markets' increasing demand for air transport services.

Ethiopian Airlines currently operates a fleet of nine B-777 freighters, utilizing the range of 4,970 nautical miles (9,200 km) and maximum structural payload of 107 tons (235,900 lbs.) to connect Africa with 66 dedicated cargo centers throughout Asia, Europe, the Middle East and the Americas. Ethiopian Cargo and Logistics Services covers 127 international destinations around the world with both belly hold capacity and dedicated freighter services.

The Group CEO Mesfin Tasew said the new aircraft will enable Ethiopian Airlines Cargo, the airfreight arm of the Group, to meet the growing demand in their cargo operations.

"While cementing our partnership with the Boeing Company with new orders, the growth of our freighter fleet takes the capacity and efficiency of our shipment service to the next level. We always strive to serve our customers with the latest technology aircraft the aviation industry could offer. Our Africa's largest cargo terminal coupled with fuel efficient freighters and well-trained cargo handling professionals will enable our customers get the best quality shipment service. Customers can rely on Ethiopian for wide-ranging cargo services across five continents," said Tasew.

Boeing's market-leading 777 Freighter is the world's largest, longest-range and most capable twin-engine freighter currently flying with 17% lower fuel use and emissions compared to prior airplanes.

Ihssane Mounir, Boeing's senior vice president of Commercial Sales and Marketing, said: "We value the trust that Ethiopian Airlines places in the 777 freighter to support their cargo ambitions which will provide them with increased capability and flexibility to their operations. The additional 777 freighters will enable Ethiopian to capitalize on near-term cargo demand, while positioning the airline for further expansion in the future."

WFS and BLR Airport create 'landmark' partnership to drive air cargo and pharma export growth in Southern India



Signing the partnership agreement are Satyaki Raghunath, Chief Strategy & Development Officer, Bangalore International Airport Ltd. (left) and Francois Mirallié, Group CFO at WFS. Image Credit: WFS

PARIS/BANGALORE: Worldwide Flight Services (WFS) has been awarded a 15-year license to operate its first cargo handling operation in India at Kempegowda International Airport, Bengaluru (BLR Airport).

WFS, a global air cargo logistics leader, is entering a new partnership with BIAL which, in May 2023, will assume responsibility for the development, operation, management and maintenance of one of the cargo terminals at India's third-largest cargo gateway for international import and export cargo. WFS will also operate and invest in the expansion of the airport's dedicated Cold Chain Facility.

The cargo terminal awarded to WFS at BLR Airport, has the capacity to handle 210,000 Metric Tons (MT) of cargo a year. From May 2023, it will be used exclusively by WFS to handle international cargo. WFS will use its design, build, finance, process reengineering and development experience to reorganise and refurbish the facility to increase its throughput capacity potential to serve cargo volumes in excess of 250,000 MT annually.

As operators of the dedicated Cold Chain Facility at the Airport, WFS and BIAL will begin a two-phase expansion of the dedicated operation, initially doubling its capacity to 80,000 MT per annum

before increasing to a throughput capacity in excess of 150,000 MT per annum, post completion of phase 2.

These investments are timed to support the next stage of India's economic growth. India, the sixth- largest global economy and one of the fastest-growing large economies, is the single largest provider of generic drugs globally – handling over 50% of total global demand and accounting for 50% of the global vaccine manufacturing market – and boasts one of the fastest-growing aviation markets in the world.

Craig Smyth, CEO of WFS, describes the partnership with BIAL as a 'landmark collaboration' at one of the world's most exciting air logistics hubs, saying, "WFS has been waiting a long time to establish its own presence in India. We are honoured to have earned this opportunity to work with the very accomplished and ambitious team at BIAL to realise the outstanding potential of BLR Airport. This is already a very successful airport, supported by a thriving manufacturing and services industry, and a highly skilled regional workforce."

Barry Nassberg, WFS' Group Chief Commercial Officer, added "few airports in the world combine the growth generators we see in Bengaluru, making this long-term partnership with BIAL a big step in our expansion in Asia. This is a premier airport that understands its potential and recognizes the way to achieve its growth ambitions is to work with an industry-leading global partner like WFS. Together, BIAL and WFS will work to sustain growth in the long-term and to achieve the airport's goal of creating a robust ecosystem that can cater for up to one million tonnes of cargo a year."

Speaking of the partnership, Satyaki Raghunath, Chief Strategy & Development Officer, BIAL said, "We welcome this opportunity to partner with a world leading global cargo handling organization such as WFS – this will support us in strengthening our position as the preferred cargo gateway in South India. With this partnership, BLR Airport will be able to offer more modern and efficient facilities to our customers. With these improvements, we are confident about being able to grow our cargo volumes and services even more rapidly to meet demand."



JACKSON-MEDGAR WILEY EVERS
INTERNATIONAL AIRPORT

RECONNECTING YOU
TO THE

World



THANK YOU FOR FLYING
JACKSON, MISSISSIPPI, USA

www.iFlyJackson.com





From left: Jassim Saif, VP Emirates SkyCargo Commercial, West Asia; Dennis Lister, Vice President, Emirates SkyCargo Cargo Development, and; Abdulla Alkhallafi, Emirates SkyCargo Cargo Manager, India and Nepal. Image Credit: Emirates SkyCargo

Emirates SkyCargo makes a splash at Air Cargo India 2022

Emirates SkyCargo also picked up an award on the second night for its shipment of Covid-19 vaccine. The Global Air Cargo Transport Leader of Covid Vaccine Award was given to Emirates SkyCargo after it transported more than 1 billion doses of COVID-19 vaccines on its aircraft.

Dubai, UAE: Emirates SkyCargo says it concluded successfully its participation at Air Cargo India in Mumbai, engaging with its industry partners and customers through a packed schedule of meetings, panel discussions, networking events and media briefings, culminating in a celebratory awards and gala dinner event for over 300 guests.

Leading the Emirates SkyCargo delegation at Air Cargo India, Jassim Saif, VP Commercial, West Asia, Emirates SkyCargo, said: "This is our first major cargo conference on Indian soil since 2019 and meeting clients face to face is such an integral part of doing business here. There were lots of updates to share and business opportunities to discuss; from offering our customers more cargo capacity with our expanding freighter fleet, to our plans to help connect India's agri-tech farmers to a wider network of clients from Dubai."

Dennis Lister, VP Cargo Commercial Development, Emirates SkyCargo, added: "Emirates SkyCargo has deep ties with India, dating back to our first flight in 1985. Today, we are proud to serve customers at nine gateways in India offering rapid access to global markets through our network, as well as unmatched solutions for all manner of important export goods from pharma and perishables to textiles and high value tech items."

In the coming months, Emirates SkyCargo will identify and invite a number of Indian agri-tech farmers who practice sustainable farming and circular economy principles, to participate in next year's Gulfood, one of the world's largest food distribution exhibitions held annually in Dubai.

Abdulla Alkhallafi, Emirates SkyCargo Cargo Manager, India and Nepal, said: "By supporting agri-tech farmers, the pioneers in their field and connecting them with potential business and growth opportunities will also help Emirates SkyCargo grow more out of India, particularly around perishables."

Bringing welcome capacity to serve strong customer demand across its network, Emirates SkyCargo last week welcomed its 11th Boeing 777 to its

freighter fleet and expects delivery of its 12th 777 freighter in June. At a media briefing held on the side lines of Air Cargo India, Emirates SkyCargo also revealed plans to convert six passenger 777s into freighters; boosting its fleet to 20 by the end of 2026.

On the opening night of Air Cargo India, Emirates hosted 300 guests from the cargo and logistics industry, treating them to Emirates' world class hospitality including a raffle to win Business Class tickets to Melbourne, money-can't-buy Emirates' hospitality passes to the highly anticipated cricket T20 World Cup clash between India and Pakistan, and a coveted cricket bat signed by the Indian cricket team.

Emirates SkyCargo also picked up an award on the second night for its shipment of Covid-19 vaccine. The Global Air Cargo Transport Leader of Covid Vaccine Award was given to Emirates SkyCargo after it transported more than 1 billion doses of COVID-19 vaccines on its aircraft.

The air cargo carrier has achieved this historic milestone within a span of 18 months from the first shipment of COVID-19 vaccines trialled in October 2020. More than 4,200 tonnes of COVID-19 vaccines, equivalent to over 1 billion doses, have been moved to over 80 destinations on over 2,000 Emirates flights.



American Airlines Cargo expands Trans-Atlantic capacity with 10 key US gateways

Boeing 787 aircraft.

Leading European cities with flights to the U.S. this summer are: Amsterdam, Athens, Barcelona, Paris, Dublin, Rome, Frankfurt, Lisbon, London, Madrid, Munich, Milan and Zurich.

"These summer services are great news for American Airlines customers across Europe where capacity to the U.S. is gradually getting back to normal following the pandemic," said Andy Cornwell, Regional Cargo Sales Manager, Northern Europe.

"We continue to see strong demand for all kinds of cargo including automotive parts, perishables and life science products including pharmaceuticals. With the number of flights growing month on month our European customers are continuing to take advantage of our extensive trucking network to send freight on the direct flights which best suit their needs. They can also benefit from the comprehensive onward network we offer from our US hubs."

As of April 25, 2022, WebCargo (a Freightos Company) users based in Germany, Italy, the Netherlands, Spain and the U.K. can search and book direct flights to the U.S. and beyond on American Airlines Cargo. The carrier plans to expand this access in the coming months on the WebCargo platform.

FORT WORTH, Texas: American Airlines Cargo has kicked off its enhanced summer transatlantic services for customers with direct service from key cities in Europe to 10 US gateways from mid-May onward.

The airline will operate service to John. F. Kennedy International Airport (JFK), Dallas/Fort Worth International Airport (DFW), Boston Logan International Airport (BOS), Los Angeles International Airport (LAX), Miami International Airport (MIA), Philadelphia International Airport (PHL), Chicago O'Hare International Airport (ORD), Raleigh-Durham International Airport (RDU) and Charlotte Douglas International Airport (CLT). A new destination – Phoenix Sky Harbor International Airport (PHX) from Heathrow Airport (LHR) is added to the list this summer.

All routes will be operated using wide-bodied Boeing 777, or

CEVA Logistics delivers BAE Systems scale replica aircraft as backdrop for London film premiere

Ashby-de-la-Zouch, UK: The need for speed was critical for the CEVA Logistics Showfreight team in May as they managed the logistics for a full-scale replica of a Typhoon fighter jet at the new blockbuster movie premiere in London's Leicester Square.

The team had seven hours to unload and install the scale model for their client, BAE Systems, who produces the real-world aircraft. Months of planning and preparation were spent for the project as

The CEVA team had just seven hours to build the aircraft ahead of the premiere event and the arrival of the film's stars, royalty and invited guests. The Typhoon fighter jet served as the dramatic backdrop of the film premiere.

Following the departure of the stars and royals, the CEVA team were back in action to dismantle the display. By 6 a.m. the next

morning, the replica aircraft and all its associated equipment were dismantled, and Leicester Square was vacated.

For more than 20 years, CEVA Logistics has built, refurbished and transported several scale replicas for BAE Systems, including the Typhoon fighter present at the film premiere last week. CEVA also manages two replica Tempest concept aircraft, as well as other replicas, cockpit demonstrators and flights simulators.

The Typhoon model will next be on display at the Farnborough International Air Show in July. One of the Tempest models was on display at the World Defense Show in Saudi Arabia in March and can be seen at the RAF Cosford Air Show in June.

Sharon Robinson, managing director for Showfreight, CEVA Logistics, said: "This was a textbook exercise by our experienced team, who completed another high-profile and technically challenging project for BAE Systems. Our long-term relationships with our customers allow us to understand and overcome their logistics challenges—even if that means executing the setup in seven hours in the middle of London."

Sharon Robinson, managing director for Showfreight, CEVA Logistics, said: "This was a textbook exercise by our experienced team, who completed another high-profile and technically challenging project for BAE Systems. Our long-term relationships with our customers allow us to understand and overcome their logistics challenges—even if that means executing the setup in seven hours in the middle of London."





Air France-KLM orders 4 Airbus A350F full freighter aircraft with option to buy 4 additional planes for Air France

PARIS: Air France-KLM says it has decided to convert into a firm order the Letter of Intent it signed in December 2021 for the acquisition of 4 Airbus A350F full freighter aircraft – with purchase rights for an additional 4 planes for Air France.

These aircraft will be operated by Air France and be based at Paris-Charles de Gaulle airport, the airline's global hub, equipped with a state-of-art 14,000 square meters cargo terminal.

In the context of a steady and sustainable growth of demand for air cargo, Air France-KLM continues to bolster its world-leading network built around the powerful Paris-Charles de Gaulle and Amsterdam-Schiphol hubs. These aircraft will increase Air France's cargo capacity, which currently consists of 2 Boeing 777F, supplementing the belly capacity of the airline's 100+ wide-body passenger aircraft.

The Airbus A350F full freighter provides the most advanced technology and efficiency standards. Compared to previous generation aircraft, it offers 11% more volume while enabling a 15% reduction in fuel burn and CO2 emissions, notably thanks to its reduced weight and efficient Rolls Royce engines. It will therefore play a key role in shaping the future of Air France-KLM as an industry leader in sustainable air cargo transportation.

Air France-KLM will be among the launch operators of the A350F full freighter. This order comes with full substitution rights to Airbus A350 passenger aircraft, which constitute the new flagship of Air France's long-haul fleet. The airline currently operates 15 of the 38 aircraft of the type on order.

As of December 31, 2021, Air France-KLM operated a fleet of 505 aircraft to over 300 destinations worldwide.

"This order embodies Air France-KLM's determination to strengthen its position on the buoyant cargo business," said Benjamin Smith, CEO of Air France-KLM. "The Airbus A350 passenger version has been instrumental to the improvement of our economic and environmental performance, while proving to be a passenger's favorite. We are thrilled to be among the launch customers of its freighter version, which will significantly increase our capacity and give us the means to continue to provide the best service to our customers around the world."

Agility posts KD 977.4 m net profit in 2021

KUWAIT: Agility, a leader in supply chain services, infrastructure, and innovation, reported full-year 2021 earnings of 464.36 fils per share on net profit of KD 977.4 million (about USD 3.203 billion), an increase of 2,250% over the same period in 2020.

The company's EBITDA increased 13.2% to KD 109 million, and revenue grew 22.1% to KD 486.2 million. In 2021, Agility sold its core commercial logistics business, Global Integrated Logistics (GIL), to DSV, the world's third-largest freight and logistics provider, in exchange for 19.3 million shares in DSV. As a result, Agility reported a one-time gain of almost KD 1 billion and is now the second-largest shareholder in DSV with an 8% stake.

Moving forward, Agility's business profile can be divided into two segments: controlled and non-controlled businesses.

Controlled: Agility continues to own and operate the businesses that have historically generated 80% of company profits; these businesses are "controlled" by Agility. Of these, the five most

financially material companies are Agility Logistics Parks, Tristar, National Aviation Services, UPAC, and Global Clearinghouse Systems.

Non-Controlled: In addition, Agility holds minority stakes in businesses through its investments in both established sectors and ventures in freight, real estate, e-commerce enablement, ESG technology and other digital technologies. Agility's stake in DSV represents the largest of those investments. These are "non-controlled" businesses. The collective value of these investments today represents 57% of the company's assets.

Agility Vice Chairman Tarek Sultan said: "Agility's 2021 performance was exceptional. In addition to a significant one-time gain from the GIL sale, our portfolio of businesses performed well, returning to pre-COVID profitability levels. We will be looking to accelerate growth in these businesses as they contribute to our core operations and EBITDA."

"The DSV transaction and the sale of GIL fundamentally changed the structure of the company and reset the baseline for the continuing operations. Like most companies, Agility was adversely affected by the COVID pandemic in 2020 and 2021. Looking ahead, despite the challenging market conditions and geopolitical risks, we expect performance of our continuing operations to be strong, and expect our operating results for 2022 to show a minimum of 20% growth compared to this year," he added.

He noted that Agility's debt-levels were expected to increase in line with business growth needs, but that the company "intends to keep borrowing within prudent limits."



DPMETAWORLD: New cutting-edge virtual solutions to real-world supply chain challenges

DUBAI, UAE: DP World, a leading global end-to-end logistics provider, says it is creating DPMETAWORLD, a new initiative aimed at bringing cutting edge virtual solutions to real-world supply chain challenges.

Across the industries in which DP World operates, supply chains are moving from analogue to embrace new digital solutions. This project will allow DP World to lead the acceleration of this trend through the untapped capabilities of the metaverse, helping drive efficiency and transparency, the Emirates news agency WAM reported.

The platform is expected to launch by the end of 2022 and DP World is actively talking to best-in-class technology partners to help develop the platform and help bring our innovative solutions to life.

The announcement was made by Sultan Ahmed bin Sulayem, Group Chairman and Chief Executive Officer of DP World, as part of the World Economic Forum's Annual Meeting in Davos.

Commenting on the occasion, Bin Sulayem said, "At DP World, we don't respond to change – we think ahead and anticipate it. We know that the industries of the future will not be industries of the hand, but of the mind. So, we have to deploy industry-leading solutions and technology to embrace this shift.

"Our expansion into the metaverse will not only enhance customer experience and operational efficiency, but also allow us to be more sustainable and resilient for the future. These are vital across all our global operations."

The activities to be explored through DPMETAWORLD go beyond social networks and entertainment, which are commonly associated with the metaverse, into education, government services and trade. Given the scale of DP World's operations, spanning six continents, 80 ports and various logistics operations, the company is uniquely positioned to help customers accelerate the flow of goods into its logistics networks.



Sultan Ahmed bin Sulayem, Group Chairman and Chief Executive Officer of DP World, making the announcement at the recently concluded World Economic Forum's Annual Meeting in Davos. Image Credit: WAM

Mike Bhaskaran, Group Chief Operating Officer of Digital Technology at DP World, said, "The DPMETAWORLD will allow us to provide highly flexible, cost-effective supply chain solutions. The real benefit for our customers is being able to see and understand the whole supply chain from end to end, with full visibility, and create alternate routes in case of logistics bottlenecks. We are very excited about providing these unique solutions to help resolve real-world supply constraints."

DP World will explore metaverse applications for its services, including simulations of warehousing and terminal operations, in so-called digital twins -- 3D virtual versions of physical assets -- as well as container and vessel inspections.

Other customer-focused applications include enhanced retail market access, with the potential to extend DP World's 1600+ showrooms at the Dubai Traders Market to an unlimited number of customers through an immersive shopping experience.

Internally, DP World will be able to benefit from fully immersive virtual training for its staff. In 2021, its Port & Terminal Training Centre in Jebel Ali trained more than 10,000 employees, totalling close to 34,880 training days.

Replacing physical training with an immersive alternative in the metaverse will reduce the time it takes to train operations teams by 50 percent, slashing costs as well as increasing efficiency and safety and saving over 17,000 training days just in the UAE.

Along with significant benefits to our customers, the creation of DPMETAWORLD will advance the firm's 'Our World, Our Future' strategy, which represents its legacy vision for a better, more equitable world.

The digital twins will reduce carbon emissions by replacing physical travel with the use of virtual training. It also speaks to its 'People' pillar, opening up new opportunities for people previously excluded from the workforce.

AD Ports Group and Alexander Global Logistics GmbH sign agreement to establish a world-class pulp and paper products hub in Abu Dhabi

Abu Dhabi, UAE: Striving to transform Abu Dhabi into a leading hub for the development and distribution of pulp and paper products across the Middle East, AD Ports Group has signed a strategic partnership agreement with Alexander Global Logistics GmbH.

The two parties agreed to work closely to establish and launch a trans-shipment hub dedicated to handling pulp and paper products, which will operate from Khalifa Port, AD Ports Group's flagship port and a vital link connecting East and West trade.

"Leveraging our long-standing expertise as the emirate's leading facilitator of trade, logistics, and industry, as well as Abu Dhabi's central location linking global trade and its multi-modal connectivity solutions over air, sea, land, and future rail, our new joint venture with Alexander Global Logistics GmbH will meet the evolving needs of this fast-growing industry," said Saif Al Mazrouei, CEO of Ports Cluster, AD Ports Group.

"The hub aims to address the changing needs of



Saif Al Mazrouei, CEO of Ports Cluster, AD Ports Group, (right), and Carsten Hellmers, CEO of Alexander Global Logistics GmbH, sign the strategic partnership agreement to establish a world-class pulp and paper products hub in Abu Dhabi. Image Credit: Supplied

the global supply chain, both for pulp and paper producers and customers. In the first stage, expected to be completed by Q3 2022, a total of 20,000 sqm of quayside warehousing will be established in Khalifa Port. From there, all kinds of forestry products will be distributed into the Gulf region and beyond," he added.

Carsten Hellmers, CEO of Alexander Global Logistics GmbH, said: "We are very excited about this project, as we have the strongest belief that the combination of expertise and knowledge of the industry brought into this Strategic Partnership Agreement by Alexander Global Logistics plus the unique location, abilities and resources provided by AD Ports Group will soon allow the Pulp and Paper industry to have a world-class terminal to serve customers in the Abu Dhabi hinterland and reach other destinations taking full advantage of the hub."

The joint venture involves an AED 570 million (USD 154 million) terminal in Khalifa Port that will be operated by a new joint venture owned by CMA CGM (70 percent stake) and AD Ports Group (30 percent).

AD Ports Group's net profit in Q1 2022 jumped by 34 percent year-on-year to AED524 million compared to AED393 million during the same period last year.

UAE begins 90% reduced customs tariffs on India's goods



UAE Minister of Economy Abdullah bin Touq Al Marri

NEW DELHI, INDIA: The UAE and India's landmark Comprehensive Economic Partnership Agreement (CEPA) that reduces customs tariffs by 90% on India's goods bound to the Emirates came into force on 01 May 2022.

UAE Minister of Economy Abdullah bin Touq Al Marri said the first imports exempted from UAE tariffs by as much as 90% had arrived in the country. Officials hope the move would increase non-oil trade between the countries from US\$45 billion at end of 2021 to US\$100 billion annually in the next five years, the Emirates news agency WAM reported.

The UAE chose India to sign the first CEPA, which underscores the strategic ties between the two countries. Since the launch of the CEPA program as part of the 'Projects of the 50' initiative, the UAE began talks to sign CEPAs with several countries of strategic importance both regionally and internationally, aiming to sign eight agreements in 2022, the Minister said.

Al Marri said the CEPA between the UAE and India will intensify their bilateral trade as well as create some 140,000 jobs in the most promising sectors of the UAE economy by 2030.

India is the UAE's largest trading partner in terms of non-oil exports, equivalent to 14 percent of the country's total global exports. UAE is India's third-largest trading partner and accounts for 40 percent of its trade with Arab countries.

India mainly exports gold, diamonds and jewellery, machinery, electrical appliances, petroleum and plastics, and minerals that include iron, steel, and aluminium, among other products, to the UAE.

We move your Cargo to/from Africa and Middle East with our Modern B737-800F



www.ethiopianairlines.com/cargo

Ethiopian ኢትዮጵያ
Cargo & Logistics Services



Air Cargo Update Exclusive

Air Canada Cargo makes big push in the new normal

By Gemma Q. Casas



"I do not think I have stopped learning from this pandemic or indeed in life in general, but a major lesson learned for me recently, was how quickly people band together to find solutions and the speed at which creativity and relentless work ethic comes rushing forward in times of need."

Q&A with Matthieu Casey Air Canada Managing Director Commercial – Cargo



Air Canada has shown incredible resilience and innovation during the pandemic, serving Canada's people across its vast terrain that occupies much of North America's continent, stretching from the Atlantic Ocean in the east to the Pacific Ocean in the west, and the Arctic Ocean in the north.

The airline reaches out even to the farthest corners of the country helping people and businesses survive the freezing cold months with temperatures as low as -5°C and -15°C or sometimes below -30°C in Winnipeg, Manitoba.

Beyond the Canadian borders, Air Canada also transports different types of cargo. Its good business standing in the industry has resulted to a 42% increase on its revenue in Q1 2022 to C\$398 million.

The Quebec-based Matthieu Casey, Air Canada's Managing Director for Commercial Cargo, shares his insights in this Q&A about the company's journey amid the air cargo industry's growing influence and role in facilitating global economic and healthcare recovery efforts following the pandemic.

Casey, a communications graduate at University of Ottawa, who also studied at The Wharton School, has spent over 25 years in the aviation industry, the last 12 at Air Canada Cargo.

Prior to his promotion, he was Air Canada Cargo's Senior Director, Cargo Global Sales & Revenue Optimization. In his new role, he oversees global sales, revenue management, and cargo analytics with responsibility for the airline's digital and direct customer experience.

How is business doing so far for Air Canada Cargo since the pandemic struck in March of 2020? Please elaborate and share some figures if possible?

The entire team at Air Canada Cargo and indeed Air Canada as a whole was tremendously quick to pivot and ensure capacity was put back into the market on key trade lanes, with a particular focus on sustained and regular scheduled capacity to ensure market stability for the air cargo community. This approach provided much needed stability in an otherwise very unstable time and was testament to our dedication to serving our customers and long-standing partnerships.

Our growth, both on volumes and revenue, has been very positive, and is in fact outpacing many of our market peers. The growth was also sustained and sure-footed, with a steady upward trend and our 2021 revenue numbers being more than double our 2019 numbers.

What are your plans for 2022 to keep up with the growing demand for air cargo services?

As announced last year, we are tremendously excited to be commencing our freighter operations, with the first of our eight converted Boeing 767-300ER freighters having



entered service late last year. Our second will enter service this month and a subsequent six more will enter into service by 2023 at a cadence of about one every four months. This growth, coupled with the resumption of our passenger network, will provide an increase in cargo capacity in 2022 above pre-pandemic levels.

How many employees do you currently have? How many more will you likely hire as you widen your services?

Our team has always been a lean yet effective one, but with the growth we have seen and are continuing to plan for, we have been actively recruiting more talent to support our strategy and continue to deliver on our promise on customer service excellence.

What would you say are your biggest challenges in serving your markets globally?

We are much more focused on looking at challenges as opportunities and one such example is what we have witnessed around the world with warehouse congestion. As a result, we are accelerating our infrastructure improvement programs with targeted investments into many of our strategically positioned self-handled global cargo hubs in Montreal, Toronto, Vancouver, Frankfurt, London, and Chicago.

We have recently increased our warehouse space in Frankfurt and just last month, inaugurated the first phase of our 30,000 sq ft temperature-controlled facility in Toronto.

Do you think automation in cargo handling is the way to move forward? Does the investment justify the benefits or returns?

Automation is certainly a key component of our infrastructure improvements and only increases the productivity of our teams, which leads to improved service to our customers. The added benefit of this is an



improved work environment for our colleagues.

What sort of tech investments have you made to enhance your operations or services?

We are continuing to invest in many digitalization projects tied to improving the customer journey and enhancing the user experience. We have developed and released multiple APIs providing streamlined connectivity with our customers and partners, and we have invested in modernizing our contact centres to improve service levels and support our teams and customers.

Our ongoing artificial intelligence labs are improving efficiencies and supporting initiatives aimed at improving decision-making, and providing better and more robust capacity outlooks. Another goal is to simplify acceptance processes in our warehouses, which will reduce potential service deviations.

Please update us with the services and products that you

currently offer worldwide.

We are CEIV certified both for Live Animals and Pharmaceutical, and provide services across most commodities.

Please share a brief background about yourself and some lessons we could all learn from this pandemic.

I have over 25 years in the airline industry, the last 12 at Air Canada Cargo and have held various roles ranging from Commercial positions in Canada and Global Sales as well as heading up Revenue Management, Interline partnerships, Marketing and Business Intelligence.

What have I learned from the pandemic? I do not think I have stopped learning from this pandemic or indeed in life in general, but a major lesson learned for me recently, was how quickly people band together to find solutions and the speed at which creativity and relentless work ethic comes rushing forward in times of need.



ABU DHABI AIR EXPO AVIATION & AEROSPACE EXHIBITION 1-2-3 NOVEMBER 2022



JOIN THE LEADERS IN THE AVIATION INDUSTRY



**AL BATEEN EXECUTIVE AIRPORT
ABU DHABI, THE CAPITAL - UAE**

Hosted by :



www.abudhabiairexpo.com • info@airexpo.aero

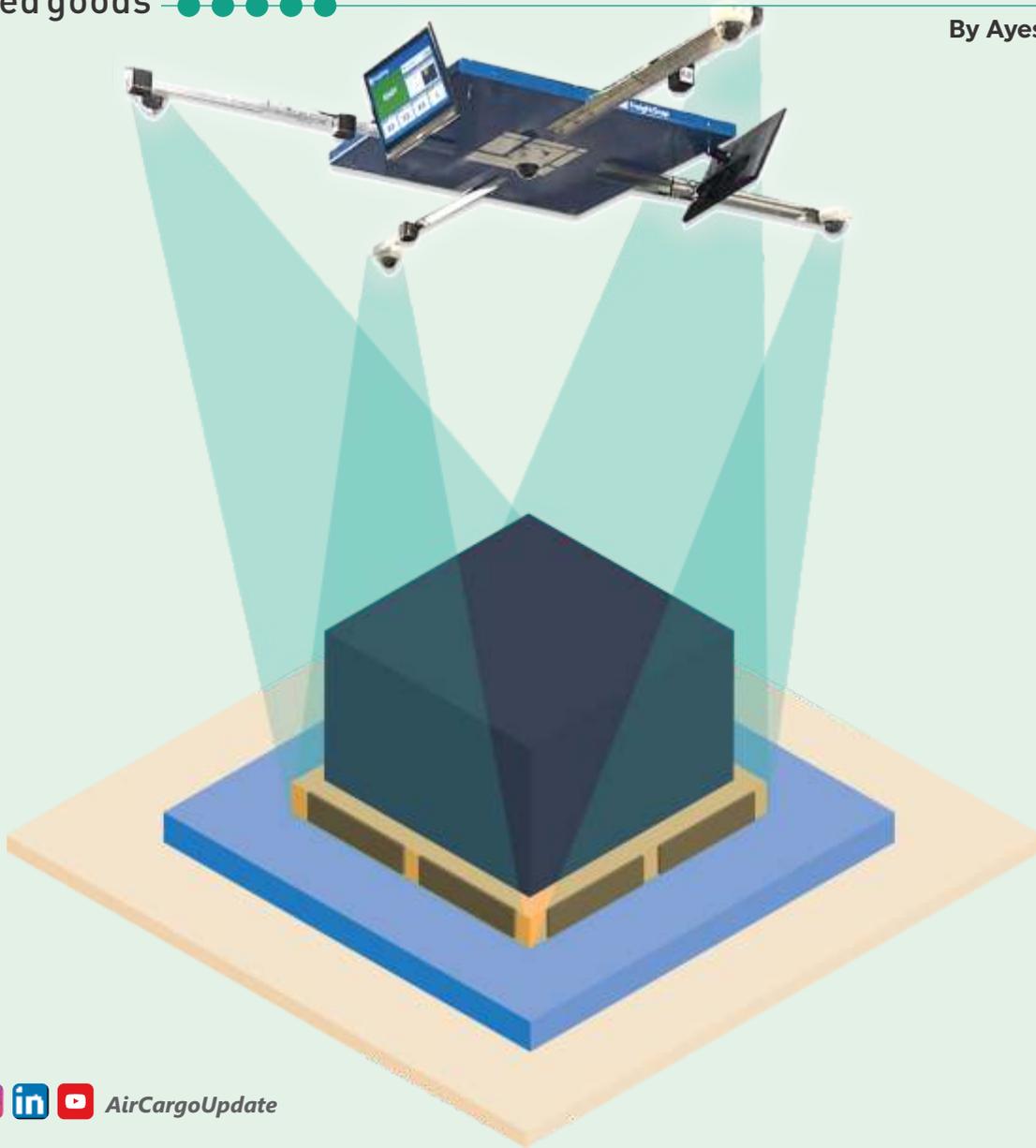


Automated Dimensioning:

Key to automation wedge in logistics industry

Automated dimensioning is the most effective way to ensure products arrive at the right place, in the right condition and on time. This is particularly important in the cargo industry, which has operations that are highly sensitive to even minor delays or transport disruptions. While manual systems are less expensive and easier to implement, they are also more likely to result in human errors. These mistakes cost companies more than \$100 billion each year in extra costs from lost merchandise and damaged goods ●●●●●

By Ayesha Rashid





Automated Dimensioning system has two main types—package and parcel dimensioning—mainly used in e-commerce and the logistics market. These solutions help calibrate weight, dimensional data and shipment applications used by different industries such as industrial manufacturing, consumer electronics, ecommerce, healthcare, agriculture and food & beverage.

The major benefit to volumetric dimensioning is that automated dimensioning is a revolutionary planning tool that lets companies dynamically and quite literally pack more into their shipping containers. With the ability to record and analyze every container they pack, companies are able to determine how to maximize the amount of cargo per container and make more money on each trip.

With Amazon and eBay dominating the e-commerce market, the most visible impact of e-commerce has been the need for efficient delivery of more packages in increasingly varied shapes, sizes and weights. This trend has been one of the key drivers behind the industry's almost universal adoption of dimensional (weight) pricing in recent years. As more parcel companies and warehouses are looking toward space optimization and more economies of scale, this is where automatic dimensioning technology can be a game changer.

However, the current trend for more efficient last mile delivery has prompted the roll-out of more modern machines at parcel centers and warehouses. Automatic dimensioning technology based on weight (DIM) is therefore becoming quite a common solution today, providing accurate pricing information and increased accuracy—but also an easier way to manage dimensions and dimensions pricing across the supply chain.

The total revenue of the Global Cross-Border B2C E-Commerce Market was valued at \$793.7 Million in the year 2021 and is projected to rise at a CAGR of 25.1% during the forecast period, which is evaluated to reach \$3,042.2 Million by 2028. The major factor supporting the expansion of market worldwide are the increase in export & import of goods & services across the world and rising expansion of trades globally.

Michael Eichenberg, CEO/Co-founder of

FreightSnap, explains to Air Cargo Update how Automated Dimensioning is the key to automation wedge in the industry.

Manual vs Dimensioner

Manual dimensioning of freight items can be a tedious and labor-intensive process, but using a “dimensioner,” you can save you time and money.

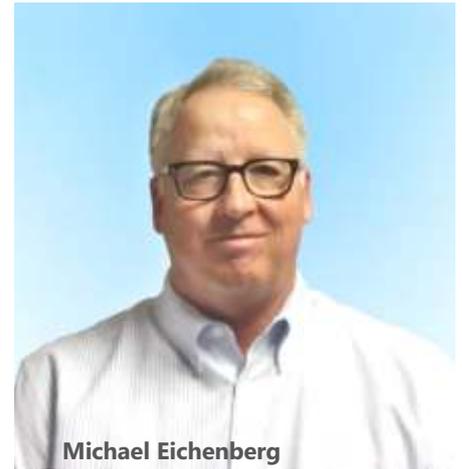
A typical manual freight process can be an exercise in futility. It's time consuming, whereby workers need to locate the dimensions from various sources. Missing dimensions cause delays and payoffs, which means less cash in the bank account. But with a new generation of dimensioners that can read barcodes and communicate wirelessly, the industry is eliminating the burdensome tasks and costly delays that typify manual processes.

“There are two things that happen with manual dimensioning that are replaced by automated dimensioning. The first is the actual measurement of the object and the recording of the weight. Generally, weight and dimensions are provided by separate devices that work together. If a manual process, a workers need to utilize a tape measure. This also requires writing or entering the data to a form a screen or both. Then they need to take images of the object with a digital camera and transfer those images to a repository. For any one piece of freight, this can take anywhere from one to six minutes per object. A dimensioner can do all of these functions in two seconds or less,” explains Eichenberg.

Automated dimensioning is the most effective way to ensure products arrive at the right place, in the right condition and on time. This is particularly important in the cargo industry, which has operations that are highly sensitive to even minor delays or transport disruptions.

While manual systems are less expensive and easier to implement, they are also more likely to result in human errors. These mistakes cost companies more than \$100 billion each year in extra costs from lost merchandise and damaged goods.

“Due to a shortage of labor and increased freight movement due to changes in the way goods are delivered to customers, logistics companies need to find ways to scale warehouse



Michael Eichenberg

“There are two things that happen with manual dimensioning that are replaced by automated dimensioning. The first is the actual measurement of the object and the recording of the weight. Generally, weight and dimensions are provided by separate devices that work together. If a manual process, a workers need to utilize a tape measure. This also requires writing or entering the data to a form a screen or both. Then they need to take images of the object with a digital camera and transfer those images to a repository. For any one piece of freight, this can take anywhere from one to six minutes per object. A dimensioner can do all of these functions in two seconds or less,” explains Eichenberg.

Michael Eichenberg
CEO/Co-founder of FreightSnap

operations such as the measurement of freight. Automated Dimensioning provides scale to warehouse operations through increased productivity, accurate billing data, and better capacity utilization. These are the keys to removing bottlenecks in clogged supply channels. Removing production bottlenecks helps, but if you can't move the goods through the system, then the supply chain bogs down. Automated Dimensioning is one of many important factors in streamlining logistics,”



said Eichenberg.

Automated Dimensioning is a key to the automation wedge. It is one of the building blocks that make up the value chain required to ultimately achieve Continuous Replenishment and Distribution. These technologies are important in addressing the modern challenges of Supply Chain Management, such as reducing cost, increasing efficiency and optimizing warehouse productivity.

Data entry process

The technology involved in automating the dimensioning process has made it fast and efficient. One Dimensioner can process up to 1,600 freight containers per day. A Dimensioner operator who is experienced and highly trained will take an average of 8-seconds to measure a piece of freight. If a company were using 2 operators, they could process up to 3,200 freight containers per day.

An advantage all around is that this new technology provides a digital image, which then can be used for additional information platforms. For example, having digital images of the containers makes it easier for a Transportation Management System (TMS) to capture this image and enter it into the system as opposed to manually measuring the container at the dock or other facilities in the chain.

"The ideal situation would have been to have all machine generated data to flow seamlessly from the dock to the back office. This affectively removes the middle data entry person from the process and allows for productivity and repurposing valuable human resources. In some cases, Dimensioner providers have independent cloud data management systems to house images and data of the freight that has been measured. Some companies have their own Transportation Management Systems and utilize integration methods to transfer data from the Dimensioner to their systems. Others though may not have the same investment or the resources to integrate all

of the data. For example, some systems won't allow images of the freight to be stored. Others might be lacking key components. This is why it is important to have a full repository to draw upon in the event that your own internal systems might be lacking the design to house actual dimensions on freight," said Eichenberg.

There are some functions of automated dimensioning that are always going to be the same. Each Dimensioner will automate the measurement of cingulated freight without the need for human intervention. Where things differ is in the process.

In some use cases, the freight might be moving under a scanner and measured in motion, other times it is measured while presented in a pre-identified area. Every application calls for identification or cataloging of the measured object so that the measurements and weight can be applied directly without confusion.

There are some use cases where the freight might be transported on a forklift and measured during transport. Each application has specific requirements and Dimensioning vendors must provide integration services to enable customers to maximize the Return on Investment of the equipment.

Freight Auditing

Freight audits happen and they are a part of doing business with carriers. From time to time, the carrier will perform an audit of the freight based upon how it was measured at the Shipper location. To mitigate any audit changes, accurate rating is paramount immediately after the freight has been dimensioned.

"When freight is moved from a Shipper's dock to a carrier's dock, it can shift dramatically on the pallet and then measure quite differently. If the Shipper does not have certified dimensions and images at the time of tendering, there is no countermeasure if the freight was rated with a particular density class at the Shipper location and then measured differently at the carrier. This happens more than people realize. The ability to fight an audit reclassification is solely based upon accurate rating following the dimensioning process at the Shipper dock. That is key to the process. Too often Shippers are not rating freight properly and there is no fix to that situation.

"If a Shipment has multiple images documenting the condition of the freight, you have a much better position when comparing the freight to how it was received by the customer. Images provided by the Shipper's customers will show external damage when compared to pre-tendered images taken on the Shipper dock. Accurate dimensions and weight will always provide the correct rating. There are no exceptions to this rule. The correct rating and charges will allow Shippers to bill correctly without the worry of additional fees from Carriers. Over time, as Shippers accumulate accurate freight profiles, they will be in a stronger position to negotiate rates with their Carrier partners. Good data means less risk for the Carriers, which always leads to best possible pricing," concludes Eichenberg.

"The transition to density pricing over straight class identification means we will have to provide accurate measurements. A tight labor market has already stretched dock operations and that was before this transition. Without automated dimensioning, it will be impossible to meet the data requirements coming out of the density transition".

Lastly, according to Micheal transitioning to automated dimensioning is not as difficult as it might seem. The equipment itself is fairly easy to install and calibrate. The real challenge is training a workforce, thinking through the processes, and integrating the data electronically. With the proper resources and planning, these projects can advance smoothly and show immediate ROI. The best course of action is to choose a vendor that is willing to work through these processes with your team. Too often Dimensioning Vendors take a shortened approach to implementation. Basically, install the equipment, a quick one-hour training, and they are gone. That type of implementation leads to slow adoption, frustration, and in some cases a complete return to manual processes. In any organization, there is going to be some pushback and fear when certain processes are automated. The key is to involve as many people as possible in the process, plan, and then have a good plan of execution which should involve your vendor.



مطار الشارقة
Sharjah Airport



Your Cargo is in Safe Hands



PERISHABLES



VALUABLES



HONEYBEES



HORSES



PHARMA

- ▶ Easy and transparent procedures mean your cargo moves with minimal wait time.
- ▶ Dedicated trucking fleet and airline network ensures regional connectivity.
- ▶ Availability of cool units to facilitate perishables handling.
- ▶ Safe and secure handling.
- ▶ Bespoke services for cargo flights dedicated to carry live honeybees.
- ▶ A dedicated ramp for horse handling with AstroTurf flooring.
- ▶ First airport to offer IATA CEIV Pharma certified cargo handling services in the Middle East and Africa.
- ▶ Our ability to expedite handling at reasonable rates makes us especially popular with Charter and ad hoc operators, especially those involved with sea-air traffic.





India's 'Krishi Udan Scheme' to transport agri produce via air



By R. Chandrakanth

About 60% of India's nearly 1.3 billion people live on less than \$3.10 a day, the World Bank's median poverty line. And close to 190 million Indians are still undernourished despite adequate food production. Against this backdrop, the country also struggles to save nearly 40% of agricultural products it produces every year blamed on broken food systems and inefficient supply chains.

Nearly 40% of the food produced in India is wasted every year due to fragmented food systems and inefficient supply chains, according to the Food and Agricultural Organization which pointed out that the loss occurs even before the food reaches consumers.

According to estimates, 16% of fruits and vegetables with short shelf life are wasted due to insufficient cold storage facilities. A report of the United Nations mentions that nearly 190 million Indians remain undernourished despite adequate food production.

The gravity of this situation is now being understood by the government and some steps have been initiated, albeit getting implemented gradually. The need to step up is what is required. One of the initiatives the government has rolled out is 'Krishi Udan' (Krishi is agriculture and Udan is flight).

Focus on hilly areas, North Eastern States

The Krishi Udan Scheme was launched in August 2020 on international and national routes to assist farmers in transporting agricultural products so that it improves their value realization. Krishi Udan 2.0 was announced in October 2021 enhancing the existing provisions, mainly focusing on transporting perishable food products from the hilly areas, North-Eastern States and tribal areas.



Primarily the scheme was focusing on 25 airports of North-Eastern Region, Hilly and Tribal region namely Agartala, Agatti, Barapani, Dehradun, Dibrugarh, Dimapur, Gaggal, Imphal, Jammu, Jorhat, Kullu (Bhuntar), Leh, Lengpui, Lilabari, Pakyong, Pantnagar, Pithoragarh, Port Blair, Raipur, Ranchi, Rupsi, Shimla, Silchar, Srinagar and Tezu. Subsequently, other 28 AAI airports, namely, Adampur (Jalandhar), Agra, Amritsar, Bagdogra, Bareilly, Bhuj, Chandigarh, Coimbatore, Goa, Gorakhpur, Hindon, Indore, Jaisalmer, Jamnagar, Jodhpur, Kanpur (Chakeri), Kolkata, Nasik, Pathankot, Patna, Prayagraj, Pune, Rajkot, Tezpur, Trichy, Trivandrum, Varanasi and Visakhapatnam have been included in the Scheme.

Krishi Udan is a convergence scheme where eight Ministries /Departments namely Ministry of Civil Aviation, Department of Agriculture & Farmers' Welfare, Department of Animal Husbandry and Dairying, Department of Fisheries, Ministry of Food Processing Industries, Department of Commerce, Ministry of Tribal Affairs, Ministry of Development of North Eastern Region (DoNER) would leverage their existing schemes to strengthen the logistics for transportation of agri-produce. There is no budgetary allocation for the scheme.

Full waiver of landing, parking, terminal navigational landing charges

Under the scheme, facilitating and incentivizing movement of agri-produce by air transportation by full waiver of Landing, Parking, Terminal Navigational Landing Charges (TNLC), and Route Navigation Facility Charges (RNFC) for Indian freighters and Passenger to Cargo (P2C) at selected airports of the Airports Authority of India, have been included.

A total of 1,08,479 Metric Ton perishable cargo (International + Domestic) was handled in Financial Year 2021-22 (till 28 Feb., 2022) in comparison to 84,042 Metric Ton handled in Financial Year 2020-21 at AAI airports.

Krishi UDAN 2.0 primarily focuses on transporting perishable food products from the hilly areas, northeastern states and tribal areas. The scheme aims to ensure seamless, cost-effective, time-bound air

transportation and associated logistics for all agri-produce.

Multi-modal transportation for better convergence

The objectives are to increase the share of air in the modal mix for transportation of agri-produce, which includes horticulture, fishery, livestock & processed products. To achieve better convergence on various components catering to the development of sustainable and resilient agri-produce value chains across various schemes of the Central and State Governments and their associated agencies as well as the resources committed by the private sector to improve supply chain competitiveness by:

- Providing more air connectivity (national and international) between origin-destination airports aimed at bringing in improved logistics efficiency.
- Improving infrastructure and performance in processing of air cargo by all stakeholders, including agri-produce, horticulture, fisheries, livestock products at airports and off-airport facilities, by regulatory participating governmental agencies (PGAs) is the agenda.
- Imparting special focus to air freight of organic and natural produce of NER, tribal and hilly districts is one of its objectives.
- Achieving better and timely mapping of agri-produce production/ supply centres with domestic demand clusters and international markets in sync with the marketing strategies is its goal.
- Promoting adoption of plant and animal quarantine



Jyotiraditya M. Scindia, Union Minister of Civil Aviation, said: “Krishi UDAN 2.0 is an example of this government's collaborative approach towards policy making. This scheme will open up new avenues of growth for the agriculture sector and help attain the goal of doubling farmers' income by removing barriers in supply chain, logistics and transportation of farm produce.”

and other regulatory requirements (at airport) in the export supply chains end-to-end.

- Enabling paperless and contactless interface with all stakeholders through digitization and digitalization via integration with existing e-platforms and their creation as required.

The Union government is committed to doubling farmers income and for doing this, there needs to be a paradigm shift. Doubling farmers income doesn't mean only increasing the value in the market for the produce but it also means creating a paradigm shift for the farmers.

Airports Covered under Krishi Udaan 2.0 Scheme

The Ministry of Civil Aviation is setting up terminals in Leh, Srinagar, Nagpur, Nashik, Ranchi Bagdogra, Raipur and Guwahati. It has selected 53 airports to be covered under the Krishi Udan 2.0 Scheme which will be majorly operated by the Airports Authority of India. Along with these eight domestic and international trade routes will also be started and the routes include Amritsar-Dubai to transport baby corn, Darbhanga and the rest of India to transport Lychees and Sikkim and the rest of India for organic produce.

Trade Route Setup under Krishi Udan 2.0 Scheme

The Central government is also working towards setting up a trade route between Chennai, Vizag and Kolkata and East Asian countries to transport seafood. Other routes include Agartala-Delhi-Dubai for pineapple; Dibrugarh-Delhi-Dubai for Mandarin Oranges and Guwahati to Hong Kong for pulses, fruits and vegetables.

The Ministry has asked states to reduce sales tax on aviation turbine fuel (ATF) to 1 percent for airlines under Krishi Udan



2.0 Scheme. The ministry along with AAI has setup up a hub and spoke model at Agartala, Srinagar, Dibrugarh, Dimapur, Hubballi, Imphal, Jorhat, Lilabari, Lucknow, Silchar, Tezpur, Tirupati and Tuticorin.

In 2022-23, the Ministry will develop a hub and spoke models to transport perishable products in Ahmedabad, Bhavnagar, Jharsuguda, Kozhikode, Mysuru, Puducherry, Rajkot, and Vijayawada. In 2023-24, Agra, Darbhanga, Gaya, Gwalior, Pakyong, Pantnagar, Shillong, Shimla, Udaipur and Vadodara and in 2024-25, Holangi and Salem will be covered.

E-Kushal launched

The ministry will also develop an online portal E-Kushal to facilitate information on Krishi UDAN 2.0, which has its main objective of giving farmers wings by improving the value of realization of agri-produce. Under the scheme, which is path breaking, subsidized fairs would be provided to farmers and delivery of agri-produce, subsidy applicable on national and international routes.

Jyotiraditya M. Scindia, Union Minister of Civil Aviation, said: “Krishi UDAN 2.0 is an example of this government's collaborative approach towards policy making. This scheme will open up new avenues of growth for the agriculture sector and help attain the goal of doubling farmers' income by removing barriers in supply chain, logistics and transportation of farm produce.”

The Union Minister said, “We want to take the Anndata to the highest level, by adopting the model of A2A – Agriculture to Aviation. The convergence between the two sectors is possible because of 3 primary reasons – Evolutionary possible use of biofuel for aircraft in future, use of drones in agriculture sector, and due to greater integration and value realisation of agricultural products through schemes like Krishi UDAN.”

This laudable scheme is picking up and the NDA government over the last few years has made farm produce storage a big focus area. A Rs 6,000-crore kickstart project called Sampada a national scheme to develop an integrated supply cold chain for agricultural products is being implemented involving public and private players.

The Food Corporation of India (FCI), which runs the store houses that form the backbone of India's extremely critical food security program, said efforts are on to bring down further the amount of food grain wasted each year in FCI storages. FCI had commissioned a study by the Indian Council of Agricultural Research (ICAR) to suggest scientific methods to improve storage facilities to reduce wastage.



AIRPORTS ARE BUILDING MORE RESILIENT SECURITY INFRASTRUCTURE

With new technologies and passenger growth amid the global aviation industry's revival, digital & other security threats are also rising. But airports are developing more intelligent, end-to-end control of entire airport infrastructure to meet future security challenges.

BY GEMMA Q. CASAS



Airport authorities have been building more resilient security infrastructure capable of monitoring a large number of passenger movements as security threats are rising with new data driven technologies and significant passenger growth, experts and officials said at the Airport Security conference at the Global Airport Leaders' Forum (GALF).

GALF is a co-located event, along with Airport Security Middle East and ATC Forum, at the 21st edition of the annual Airport Show, the world's largest annual airport event, held in Dubai from 17-19 May, 2022.

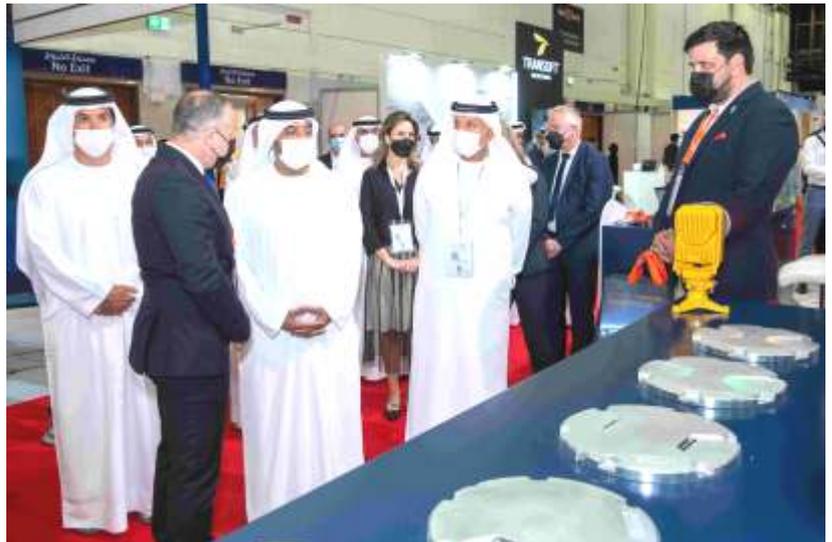
His Highness Sheikh Ahmed bin Saeed Al Maktoum, President of the Dubai Civil Aviation Authority, Chairman of Dubai Airports, and Chairman and Chief Executive of Emirates Airline and Group, inaugurated the event and welcomed more than 150 international companies from 20 countries around the world.

Commenting on the Airport Show, His Highness stressed the importance of the exhibition at this particular time to give an additional boost to the global aviation sector, whose rapid return to the pre-pandemic stage began to appear with the high demand for travel and the announcement of the restart of development projects at the level of the world's airports in anticipation of the next level of growth.

"Thanks to the vision and support of His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Dubai Ruler, Dubai has taken proactive steps and initiatives to deal with the pandemic and enable the rapid recovery of the travel and tourism sector in the emirate, and as a result, Dubai International Airport has retained its position as the busiest airport in the world for the eighth year in a row, and we expect to serve more than 58 million passengers by the end of this year, linking them to their businesses, families and activities, and providing them with a wonderful travel experience," said Sheikh Ahmed.

Meeting future security challenges

Brigadier Humooda Mohammed Selayem Alameri, Deputy Director of General Department of Airport Security, Dubai Police, in his keynote address at the Global Airport Leaders' Forum on the topic "Developing intelligent, end-to-end control of entire airport infrastructure to meet future security challenges" said: "As security



threats get more advance, we at the airport security are enhancing technology-based end-to-end solutions to detect and mitigate security challenges before they occur. Security organizations around the world are expanding security solutions and taking measures based on different technologies to detect terrorist acts or smuggling ahead of time."

"Technology is reshaping the airport security with tools like CT scanning, 3D imaging, AI and other means for the security of passengers as well as cargo," he added, stressing that making secure infrastructure to help mitigate any threats is a must.

Brig. Alameri noted that "technology and old methods like K9 are playing key role in security and detection of explosives or drugs around the airports. Dubai Police is merging the latest technology with old methods and the results are much satisfactory." Besides tools like biometric and fingerprints and facial scanning, Artificial Intelligence is the future of airport security.

Buti Ahmed Qurwash, Vice President Security, Dubai Airports, focused on the recent critical development in airport security that are being rolled out across airports globally. "The new measures to improve overall experience by passengers at airports to provide maximum security and safety included the security screening process through automated machines, the use of biometric, passengers tracking, video surveillances, risk-based security and access control and queue management around the world."

He highlighted the current safety and security measures as well as a number of measures being added in the existing security protocols.

"The new measures added for passenger screening included CT technology, body scanner and advance CCTV while for cargo screening the new feature added were Big X-ray screening and deployment of Regulated Agents for staff screening and biometrics. The advance protection with additional layers were put in action for cyber security while Drones are also being using to install Radar Technologies to provide security around airports," he said.

Call for more collaboration

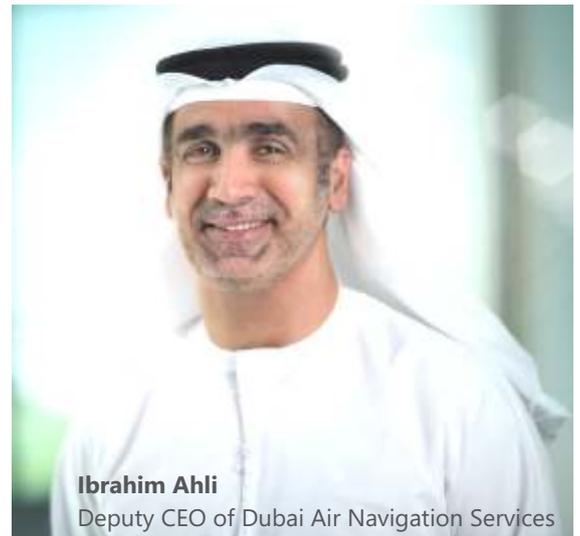
Airports have always been at the forefront of innovation, experimenting new technologies faster than most other industries in their pursuit to enhance operational efficiency and passenger experience but experts agree more should be done in terms of collaboration to protect their business interest.

Engineer Mohammed K. Al Modaifer, Strategy Management Office Director of Matarat Holding, Saudi Arabia, highlighted the role of Matarat during the Covid pandemic, saying, "We saw the pandemic as an opportunity to maintain a smooth cargo movement of medicine and food items."

"We are encouraging public-private partnership to boost the passenger and



Brigadier Humooda Mohammed Selayem Alameri, Deputy Director of General Department of Airport Security, Dubai Police delivering keynote address at GALF.



Ibrahim Ahli
Deputy CEO of Dubai Air Navigation Services

cargo capacity of our airports. Our aim is to increase the cargo handling capacity from 800,000 tons of to 4.5 million tons. We are expecting 330 million passengers across the Saudi airports as we recently established a free zone in Riyadh to attract big companies to invest," said Engr. Al Modaifer.

A panel deliberated on the advances in integrated, automated, electric mobility in the airport environment. With the expected boom in aviation over the next few decades, airports, ground handlers and ANSPs will be required to match capacity expansions at airlines.

Expansion comes at a huge cost, financially and to the climate. Aviation has therefore been increasingly looking towards integrated, automated, electric mobility to minimize costs and enhance efficiency.

Passengers around the world are becoming increasingly demanding on service levels and experiences at airports. Social media allows travelers to comment, like and dislike their experience and share it with millions instantly.

Latest innovations in technology that can provide an opportunity for airports to thrill and entertain their passengers is also a top priority.

Addressing a panel discussion: Adopting data, AI, 5G and robotics to rethink the passenger experience, Tom Eskola, Vice President & General Manager, Panasonic Avionics Corporation, said: "Today's technologies in the field of aviation have been playing a major role in the enhancement of passenger experience from planning to setting foot on aircraft to choosing on-board services like entertainment and food.

"Data collected by various technologies are helping the ground staff to improve the services as well as to take necessary advance measures."

Jacques Khoriaty, Middle East Chief Commercial Officer and Aviation Director, Egis, said: "The connectivity by mobile applications has been playing key role in passenger experience as data generated by various sources are being used to formulate policies."

Unified stand to sustain growth

Ibrahim Ahli, Deputy CEO of Dubai Air Navigation Services (dans), the provider of air navigation services and air traffic control for Dubai and the Northern Emirates, has called upon international air navigation service providers, airports and airlines to reunite and explore ways to stay resilient in the post-pandemic era.

"It is important that international air navigation service providers, airports and airlines reunite and open a new dialogue on exploring how to stay resilient by adapting to the post-pandemic airspace, focusing on

innovation, flexibility and efficiency in the aviation system in general," said Ahli at the Global Airport Leaders' Forum.

dans says it finds its participation at the Airport Show extremely beneficial in showcasing its world-class services and breaking new opportunities or collaboration with different entities.

"Dubai has always played an important role in supporting the global aviation industry through its government's insightful vision and creative initiatives that enabled it to lead the recovery of the global aviation industry from the effects of Covid-19 pandemic. dans, on its part, has played a major role in enhancing Dubai's economy and global reputation through the implementation of these Initiatives and provided the best services to airlines and other customers by the strength of the efficiency of our human and technical resources along with continuous cooperation and coordination with our stakeholders in the aviation sector," said Ali.

Organised by RX Global (Reed Exhibitions), the world's largest airport industry B2B platform has a sharp focus on sustainability to help the aviation industry in achieving a more sustainable airport industry that is aiming to reduce carbon footprint year on year.

The 21st edition of the Airport Show is supported by Dubai Airports, Dubai Police, Dubai Civil Aviation Authority (DCAA), dnata (part of Emirates Airline and Group), Dubai Aviation Engineering Projects (DAEP), Global Air Navigation Services (GANS), the only private Air Navigation Service Provider (ANSP) in the UAE, and Dubai Air Navigation Services (dans).

The Show featured products and services from over 150 exhibitors from more than 20 countries, which includes Nokia Solutions and Networks, Dabico Airport Solutions, ADB Safegate, Air Tech Italy, British Aviation, Emaratech, Egis, Groupe ADP, Guntermann & Drunck GmbH, Honeywell, Italian Trade Agency, among many others. About 5,000-plus aviation industry professionals also participated at the event.



Daimler Truck's FUSO turns 90



- **Fuso, a Japanese name for a large sacred tree, now also used as a name for hibiscus flower, has sustained its legacy of manufacturing quality vehicles with more than 11,000 employees behind its operations. Today, it manufactures a full range of commercial vehicles including light, medium, and heavy-duty trucks and buses and industrial engines for over 170 markets worldwide.** ●

Leinfelden-Echterdingen – Daimler Truck's Asian subsidiary Mitsubishi Fuso Truck and Bus Corporation (MFTBC; "FUSO") is celebrating the 90th anniversary of the FUSO brand this year.

The origin of the iconic FUSO name dates back to May 1932, when Mitsubishi's first bus, the "B46 type shared car," manufactured at the Kobe Shipyard of the former Mitsubishi Shipbuilding, was branded FUSO.

This name was suggested by an engineer at the shipyard. It originally refers to a large sacred tree and is now used as a name for the hibiscus flower. The 7-meter, 38-seater bus was equipped with a 7-liter, 6-cylinder and 100-horsepower gasoline engine. In commemoration of the first delivery of the B46 type bus to the Ministry of Railways, FUSO was selected from among the internal proposals for its nickname.

“As we celebrate 90 years of FUSO, we would like to thank our customers, employees and partners for their loyalty and support. This anniversary signifies our stakeholders’ ongoing faith in our products, technologies, and services. As the automobile sector strives for decarbonization, we at MFTBC are part of the solution. We showed this commitment with our original all-electric eCanter in 2017 and our next generation model will provide e-mobility solutions to an even broader range of customers,” said Karl Deppen, President & CEO of Mitsubishi Fuso Truck & Bus Corporation and Head of Daimler Truck Asia.

The origin of the iconic FUSO name dates back to May 1932, when Mitsubishi's first bus, the "B46 type shared car," manufactured at the Kobe Shipyard of the former Mitsubishi Shipbuilding, was branded FUSO.



Brief history of the FUSO brand

Following the first vehicle, the nickname FUSO continued to be used thereafter for major products such as the gasoline engine 4-ton truck KT1 (1946), Japan's first large cab-over truck T380, and Japan's first minibus, the Rosa (1960).

In line with Japan's high economic growth throughout the 1950s to the 1970s, the product line-up soon included a full range from small to large trucks and buses, playing an important part in economic development.

MFTBC, the manufacturer of the FUSO branded commercial vehicles, was born when Mitsubishi Motors Corporation separated its commercial vehicle division from the passenger car business back in 2003, to become a part of the former Daimler Chrysler company. In 2004, MFTBC joined Daimler Chrysler's Commercial Vehicles segment.

FUSO today

Today, FUSO manufactures a full range of commercial vehicles including light, medium, and heavy-duty trucks and buses and industrial engines for over 170 markets worldwide. With a workforce of more than 11,000 employees, FUSO is an integral part of the global truck & bus portfolio of Daimler Truck AG ("Daimler Truck") and a key pillar of the company's business operation in the Asian hemisphere.

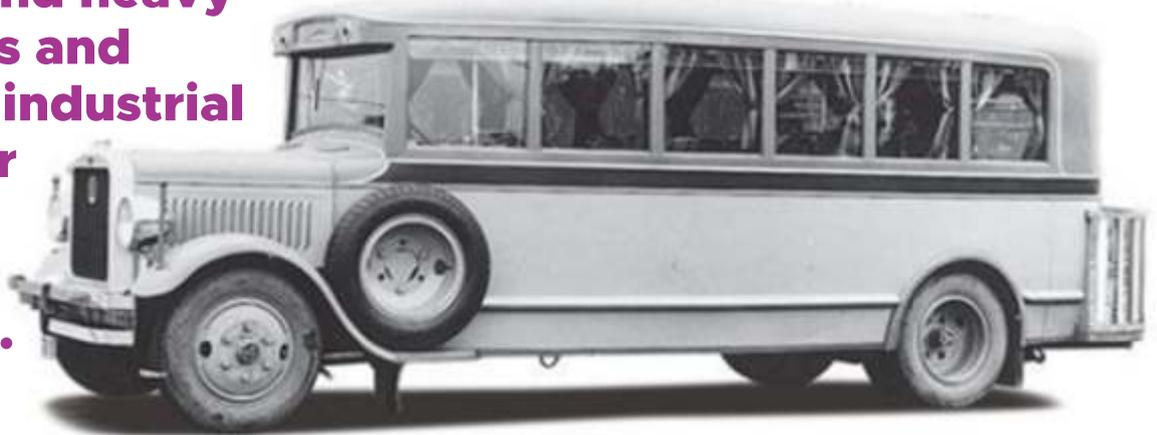


Today, FUSO manufactures a full range of commercial vehicles including light, medium, and heavy-duty trucks and buses and industrial engines for over 170 markets worldwide. With a workforce of more than 11,000 employees, FUSO is an integral part of the global truck & bus portfolio of Daimler Truck AG (“Daimler Truck”) and a key pillar of the company's business operation in the Asian hemisphere.

In 2021, FUSO strongly contributed to Daimler Truck's significant sales increase with overall unit sales of more than 125,000 units, representing over a quarter of the group's global unit sales.

The legendary FUSO Canter light-duty truck is highly regarded around the world and holds top market shares in many countries. Since its market launch in 1963, over 4.5 million FUSO Canter have been produced worldwide. In 2021, FUSO launched the new generation of the Canter with advanced safety, comfort and design features.

Japan's first minibus, the Rosa (1960).



FUSO eCanter – pioneer in zero-emission transport

Daimler Truck's Asian affiliate is also considered to be a frontrunner for zero emission transport. In 2017, FUSO introduced the first generation eCanter, a pioneering all-electric light-duty truck from which more than 350 units are in customer hands in Japan, Europe and North America.

These vehicles have already covered more than 4.5 million kilometers locally emission free in daily transport. As a result of five years of continuous collaboration with the first eCanter customers in terms of listening and learning, FUSO will present the completely new Next Generation eCanter soon both in Asia and Europe.

This mass production model will come with further upgrades in terms of range and safety features, and will be offered with an expanded lineup of variants. More details on the Next Generation eCanter will be presented during the upcoming IAA Transportation 2022 in Hanover.

Market leader in Asia & beyond

FUSO is playing a vital role for Daimler Truck in some of the most important commercial vehicle markets in Asia.

In Indonesia, for example, FUSO has a leading position for more than five decades with a market share of 46.7% in 2021.

In Taiwan, FUSO has a share of market of approx. 33.6% - being the market leader for more than 30 years. FUSO also took the number one spot in New Zealand, where recovering demand, a growing dealership network, and an infusion of new models contributed to a market share of 19.7% in the past year.

But FUSO is also a success story on European roads. In the EU30 market region, FUSO recorded a 10-year high in sales volume, claiming the top market share in the light-duty truck segment up to 10 tons, at 37.1%.

(Source: www.mediadaimlertruck.com)

Qatar Airways Steps into the Metaverse with 'QVerse' Virtual Reality and World's First MetaHuman Cabin Crew

DOHA, Qatar: Qatar Airways has officially entered the metaverse by launching QVerse, a novel virtual reality (VR) experience for visitors to the airline's website. The national carrier of the State of Qatar is also the first global airline to introduce a MetaHuman cabin crew offering a digital interactive customer experience.

Users of the www.qatarairways.com/QVerse website can now virtually tour and navigate the Premium Check-in area at Hamad International Airport (HIA), the cabin interior of the airline's aircraft, including the award-winning Business Class - Qsuite, and the Economy Class cabin, by using their own Personal Electronic Devices (PEDs).

"With physical boundaries beginning to be challenged by the metaverse on an increasingly larger scale, it is exciting to embrace a technology that enables all travel enthusiasts to enjoy a unique immersive experience of our award-winning products and services," said Qatar Airways Group Chief Executive Akbar Al Baker.

He added: "Our status as the first airline to introduce a MetaHuman cabin crew is testament to our unwavering desire to innovate and delight our customers. We are constantly looking forward to adopting and introducing novel technologies that enhance our passengers' complete journey."

The experience was developed using Epic Games' Unreal Engine, the world's most advanced real-time 3D creation tool, and MetaHuman Creator, a cloud-based app for creating high-fidelity digital humans.

Qatar Airways is the first global airline to introduce a MetaHuman cabin crew, featuring a digitally-created high-fidelity 3D human model named 'Sama' – whose name is of Arabic origin and translates to 'sky'. 'Sama' offers an interactive customer



experience through engagement with the user, taking them on a virtual journey of discovery, while presenting the unique features in both the Business and Economy Class cabins through a narrated script.

A multiple award-winning airline, Qatar Airways was announced as the 'Airline of the Year' by the international air transport rating organisation, Skytrax, in addition to securing five additional awards, including World's Best Business Class, World's Best Business Class Airline Lounge, World's Best Business Class Airline Seat, World's Best Business Class Onboard Catering and Best Airline in the Middle East.

Qantas introduces 'Fly Now, Pay Later' scheme with financial services firm Zip

SYDNEY, Australia: Qantas customers can 'fly now, pay later' with a new payment option helping them make up for lost time and travel more as destinations reopen, the airline announced.

From May, customers will be able to book domestic and international flights on qantas.com using buy now, pay later provider Zip and earn Qantas Points.

Frequent Flyers will also be able to choose to earn Qantas Points through Zip's loyalty program, Zip Rewards, when making some everyday purchases providing another way for members to maximise the points they earn.

Specifically, frequent flyers can earn: 3,000 points when they sign up and link their Zip account and complete their first transaction; 500 points each time they reach their Zip Rewards goal, and; 1 point for every \$3 spent on eligible flights on qantas.com with Zip.

Qantas Loyalty CEO Olivia Wirth said this is the first time the airline has partnered with a buy now, pay later provider to offer the payment option for flight bookings.

"After two years of restricted travel Australians are making up for lost time. Domestic travel is



back at pre-COVID levels while international travel is building back strongly to destinations like the US, Europe, Bali and Fiji," Wirth said.

"The option to buy now, pay later through Zip gives our customers more choice in how they pay for their flights. With Zip they can spread the cost over time choosing flexible repayments, and also earn Qantas Points on the payment as well as the flight itself," she added. Qantas has more than 14 million frequent flyer members.

Zip ANZ Managing Director Cynthia Scott said, "Zip is thrilled to partner with Qantas to transform the way Australians pay for travel. By giving customers access to Zip's fair, flexible and transparent payment solutions, travellers can sit back and enjoy their trip knowing they're in control of their finances when they get home.

"Our research shows that Buy Now, Pay Later users are more likely to travel in the next 12 months compared to non-users. This means our alliance with Qantas is incredible news for our 3.1 million customers. In fact, more than 75 percent of Zip customers intend on travelling in the next 12 months. We put our customers at the centre of everything that we do, so it means a lot to us that we can give Zip users the option to pay for their next trip with Zip."

Qantas Loyalty offers points on a number of financial services products including credit cards with all the major banks, home and personal loans, insurance, Qantas Travel Money and investment and wealth management solutions.



American Airlines Cadet Academy introduces new student loan options with American Airlines Federal Credit Union



FORT WORTH, Texas: The American Airlines Cadet Academy and American Airlines Credit Union announced they have forged a new partnership, bringing an additional suite of new financial options for incoming candidates accepted into the Cadet Academy program.

As part of the Credit Union's complete Cadet Academy financing program, the loans will be available in low fixed- and variable-rate options and are designed to cover all expenses, including housing and stipend costs.

This partnership with the Credit Union makes the Cadet Academy the only program of its kind with two financial partnerships dedicated to supporting cadets entering its program. These

various financial options were designed to help eliminate the financial barriers prospective pilots face, while supporting the incremental growth of the pilot population and creating greater diversity amongst the future and current pilot ranks.

Lori Hall, Credit Union Senior Vice President, Member Experience, said: "Our comprehensive financial wellness program is tailored to assist the next generation of pilots in balancing their technical skills with the financial education needed to succeed in their future careers."

"We continue to increase our pilot hiring efforts this year and beyond, including additional investment in our Cadet Academy program," said Christina Flores, American's Managing Director of Aviation Recruiting and Programs. **"Our work to grow and diversify the pilot profession is well underway. A critical part of that effort is our commitment to find more innovative ways to reach young, aspiring aviators and support them, financially and through mentorship, on their path to a career in aviation."**

Fabiola Sanchez, a Cadet Academy graduate and First Officer at Envoy, a wholly owned regional carrier of American Airlines, knows first-hand how important these financing programs can be to ensuring a future on the flight deck.

"Before the Cadet Academy, I never committed to local flight schools because I knew I'd need a co-signer to receive financial assistance," said Fabiola. "I was able to take out a loan on my own and join a structured program that helped me accomplish all the requirements needed to become an airline pilot and in the shortest amount of time. Without the Cadet Academy and the financing program it offered, it could have easily taken years longer to achieve my dreams."

"After helping generations of active, retired and former air transportation employees, as well as their families, we've never lost touch with the importance of supporting and staying connected with our fellow colleagues in the airline industry," said Credit Union President & CEO Gail Enda. "We look forward to embracing the next generation of pilots as we offer new ways to help these students make their dreams take flight."

Specialized in ground support equipment & all types of steel works, repair & refurbishment of used equipment



KNN INTERNATIONAL SERVICES FZC

P.O. Box: 9509, SAIF Zone, Sharjah, United Arab Emirates. Tel: +9716 704 0890

Mob: +971 50 364 8360. E-mail: kshaikh@knn-gse.com, Web: www.knn-gse.com

Sharjah Airport Authority explores latest trends & innovations at Air Cargo India 2022

SHARJAH, UAE: Sharjah Airport Authority (SAA) says it has successfully explored the latest trends and innovations in the aviation industry and exchange expertise with key aviation experts from around the world during its participation at the 9th edition of Air Cargo India 2022.

Held from May 31 to June 2, 2022, in Mumbai, India, the event was the first in-person gathering of aviation experts from all over the world in the country since the pandemic struck.

Ali Salim Al Midfa, Chairman of Sharjah Airport Authority, said: "We highlighted numerous airport



services and facilities, as well as facilities provided by Sharjah Airport Cargo Centre during our participation in the event. The Asian market, especially the Indian market, is considered as one of the most notable markets in the world."

"Sharjah Airport has given great importance to this market and is very proud of many partners it has gained over the years. This is in line with the airport's efforts to foster its cargo services, which have witnessed significant growth during the Q1 of 2022, recording over 39,566 tons, with an increase rate of 26.39 per cent compared to the same period of last year," he added.

During the event, the SAA delegation held several extended meetings with representatives from biggest air cargo companies in the world to discuss the latest trends and advancements and the future of the sector in the region and globally.

Brussels Airport focuses on further strengthening its position as a hub, sustainability and diversification with SHIFT 2027

BRUSSELS, Belgium: After two difficult crisis years, Brussels Airport is starting a new chapter with a new strategy for the coming five years, focusing on clear priorities and addressing the challenges of today.

With SHIFT 2027, and the tag line "Wider horizons, sustainable ambitions", Brussels Airport Company wants to further strengthen its position as a major European hub, ambitiously focus on sustainability and diversify its activities, with a clear commitment to innovation and partnership.

Due to the Covid crisis, aviation has already been through two turbulent years. The recovery of passenger traffic takes time, and business travel in particular has declined, while the demand for air cargo is higher than ever. These evolutions, in a context where climate challenges are significant and sustainable aviation is more important than ever for Brussels Airport, formed the basis for developing the new strategy.

"With this new strategy for Brussels Airport, we are ready for the challenges of the future. Connecting people, businesses and communities remains central in our vision and offering the best possible



service as a hub is at the heart of everything we do. But everything we do will be done with an even stronger focus on sustainability. That will be further embedded in our DNA and in this field, we want to be a pioneer in our sector. In addition, we are looking at new opportunities and partnerships that fit with our core business, with a focus on innovative solutions and new technologies. In this way, we want to further strengthen the socio-economic and connecting role that we have as an economic centre and employment engine," said Arnaud Feist, CEO of Brussels Airport Company.

Within the new strategy of Brussels Airport, sustainability remains an important strategic priority. If aviation wants a future, it must be sustainable and sustainability is therefore at the core of everything we do.

Brussels Airport Company has already been CO2-neutral for its activities since 2018 and is working on achieving net zero carbon emissions by 2050 at the latest. Within the European Stargate project with Brussels Airport as project leader, many concrete initiatives for greening aviation will be taken in the coming five years.



Global Aerospace Summit:

Commitments to Net Zero & digital innovation shaping a positive future for aerospace, aviation, space & defence

Abu Dhabi, UAE: The sixth edition of the Global Aerospace Summit 2022, hosted by Mubadala, kicked off in Abu Dhabi on 24 May 2022 with around 1,000 C-level leaders, experts and specialists from across the aviation, aerospace, space and defence sectors meeting for the first time in-person since the pandemic struck.

Mohammed Ahmed Al Bowardi, UAE Minister of State for Defence Affairs, welcomed the participants and highlighted the importance of the Global Aerospace Summit in providing a platform for sector leaders to provide unique insights on the future of the industries.

Al Bowardi explained how the UAE has become a pioneer in scientific advancement and development across a range of sectors keeping pace with the Fourth Technological and Industrial Revolution and noted how the country unleashed its potential to become the capital of artificial intelligence and digital technology, and the first in the region in the area of space exploration.

Musabbeh Al Kaabi, Chief Executive Officer, UAE Investments Platform at Mubadala Investment Company, described the UAE's commitment to developing pioneering new technologies, innovating new products and achieving greater sustainability. Badr Al Olama, Executive Director, UAE Clusters, Mubadala highlighted the success of the UAE's journey in developing an aerospace hub that includes manufacturing led by Emirati's and women playing key roles in its development. Al Olama also explained the progress being made in sustainable aviation fuel and in clean energy transition.

Matar Ali Al Romaihi, Chief Economic Development Officer at Tawazun highlighted that during the COVID-19 pandemic, FDI and the Economic Impact actually increased, thanks to the economic incentives that both the UAE government and Tawazun provide for investors and partners. The UAE has made big investments in the aerospace sector and our policies have always been an integral part to this growth. Our focus is on investment in future aerospace supply chains, technologies & human capital.

Tony Douglas, Group Chief Executive Officer of Etihad Aviation Group focused on the importance of the industry working together to achieve greater decarbonization and reach Net Zero by 2050. Douglas highlighted the success of the airline in making significant progress in achieving increased sustainability.

Jean-Marc Nasr, Head of Space Systems and President of Airbus Defence and Space, said: "Airbus is committed to supporting the growth, development and advancement of the UAE's space and aerospace sector journey. Today, we are proud of our extended partnership with Yahsat and Thuraya across critical



projects. We also recently signed a collaboration agreement with our partners in the UAE to build and develop a Satellite Assembly, Integration and Testing Center, which is capable of building communication, navigation and hyperspectral satellites in size between 50 and 250 kilograms."

The Summit witnessed how aligning defence suppliers and customers in strategic partnership roles leads to improved defence capabilities, human capital development, cost savings and efficiencies. Summit speaker Eng. Walid Abukhaled, CEO of SAMI, highlighted during his keynote speech and panel how SAMI is creating jobs through international partnerships, with the organisation committed to being a top 25 global defence contractor by 2030.

Commenting on the summit, he said: "As a fast-growing defense and security player, SAMI recognizes its commitment to being part of this mission and considers its sponsorship of the event as an important contribution toward future-proofing the sector. We thank Mubadala for this esteemed partnership and are looking forward to leveraging this leading global platform to showcase our capabilities, strengthen our international partnerships, and accelerate our efforts to localize and strengthen the defense industries sector in Saudi Arabia in line with the objectives of Vision 2030. We also hope this collaboration will help further solidify the strategic relations between the Kingdom of Saudi Arabia and the United Arab Emirates."

The Summit has an exceptional three-day agenda of panel discussions and speeches on the wider aerospace, defence, aviation and space industry. In Timothy Hawes, Managing Director of Tarsus, Middle East commented: "Advanced contracting and enhanced technology is leading to a greater focus on defence partnerships, helping to secure longer-term safety and security of nations. The Global Aerospace Summit showcases some of the most advanced technology and methods for partnerships within the international defence sector. The focus on defence at the Summit helps organisations learn about cutting-edge defence capabilities with valuable input from international partners and governments."

The interactive Summit program is designed to foster collaboration, encourage partnerships and provide bold, disruptive solutions. In addition, the 2022 event added new elements such as a dedicated start-up mentorship clinic lead by Aerospace Xelerated, and technology leadership briefings, focused on implementation of technology in the aerospace sector.

Etihad Cargo names Tim Isik as new Vice President-Commercial



Tim Isik

ABU DHABI, UAE: Etihad Cargo, the cargo and logistics arm of Etihad Aviation Group, has appointed Tim Isik as Vice President – Commercial mainly tasked to oversee the cargo carrier's global commercial operations.

Isik who will be based at the company's headquarters in Abu Dhabi joins Etihad Cargo from American Airlines, where he gained over a decade of

experience working within the aviation and air cargo sectors.

In his new role with Etihad Cargo, Isik will oversee the development and deployment of the carrier's sales strategy, responsible for further growing Etihad Cargo's strategic relationships, executing sales and marketing plans and driving team performance.

Isik will lead Etihad Cargo's commercial operations globally, supported by Latha Narayan, Etihad Cargo's Director – Commercial Asia Pacific, Australasia and Indian Subcontinent, and Mark Faulkner, Director – Cargo Commercial West. Isik will report to Martin Drew, Senior Vice President – Sales & Cargo.

"Etihad Cargo is delighted to have Tim on the team. I am confident his knowledge and expertise will contribute to Etihad Cargo's continued growth, enabling the carrier to further strengthen its position as the air cargo partner of choice," said Drew.

Isik said, "It's an exciting time to be joining Etihad Cargo, following the carrier achieving a milestone year in 2021. I look forward to working closely with Martin and the rest of the team as Etihad Cargo continues its journey of growth through innovation and successfully adapting to the needs of customers and the dynamic challenges of the air cargo market."

SITA welcomes Matthys Serfontein as President for Americas

ATLANTA, Georgia: SITA announced the appointment of Matthys Serfontein as President, Americas responsible for bringing SITA's vision of greater agility, efficiency, and sustainability to the air transport industry through digitalization.



Matthys Serfontein

Serfontein returns to SITA after a two-year hiatus to drive SITA's growth in the Americas, where travel has rebounded sharply in the wake of the pandemic.

Serfontein has many years of experience in the aviation sector addressing portfolio and business development, previously having served as President of Air Travel Solutions at SITA, where he oversaw the development of SITA's airport and border solutions. Prior to that he served as Regional Vice President for Airport Solutions in Africa. Before joining SITA, he held several senior management positions at Airports Company South Africa, e.Airports Ltd, and OSI Airport Systems.

David Lavorel, CEO, SITA said: "I'm delighted to welcome Matthys back on board. SITA has invested in new solutions that help our customer airports and airlines optimize the passenger experience, maximize efficiency, and keep both environmental and financial sustainability at the heart of their operations. The Americas team, under Matthys's stewardship, will help bring these exciting benefits to customers in the region."

Serfontein, for his part, said: "As travelers return to the skies, our customers are eyeing digitalization as the key to returning to growth while meeting the new expectations of today's passenger. With its innovative portfolio, SITA is uniquely positioned to support them. SITA has been, and continues to be, a trusted partner to the industry, and I look forward to this new opportunity to build on our exciting partnerships with customers in the Americas."

Jean-Philippe Parain is new SVP Sales Regions Asia-Pacific, Eastern Europe, Middle East and Africa for BMW Group

Munich/Dubai: The BMW Group announced the appointment of Jean-Philippe Parain as Senior Vice President Sales Regions Asia-Pacific, Eastern Europe, Middle East and Africa, succeeding Hendrik von Kuenheim who retired after 37 years at the BMW Group.

Parain assumed his new role on 01 April 2022. He brings with him a wealth of global experience since joining the company in 1997 at BMW France in the marketing department. He has held several senior management roles including as President and CEO BMW Group Belux, Head of MINI Europe and Senior Vice President Sales Region Europe.



Jean-Philippe Parain

"It is an honour and privilege to take on the role of Senior Vice President Sales Regions Asia-Pacific, Eastern Europe, Middle East and Africa. This is a vital region for our industry, with a very promising potential as we continue to lead the future of mobility. I am looking forward to work with all our colleagues and partners to continue winning the hearts of our customers and sustain our

strong positioning in the region," said Parain.

Pieter Nota, Member of the Board of Management of BMW AG, Customer, Brands, Sales said: "We are very excited to welcome Jean-Philippe Parain into his new role and look forward to the continued success of the BMW Group across the region. As former head of Europe, Jean-Philippe is a well-known member of our team and brings a proven track record of excellence and a vast portfolio of experience to his new role. Hendrik von Kuenheim combines passion and professionalism like few others and was the driving force of the company's success in the Region Asia-Pacific, Eastern Europe, Middle East and Africa. He has successfully led his team through a rapidly evolving era in the industry. We wish him a well-deserved and fulfilling retirement."



Sultan Chatila
Chief Commercial Officer
Honeywell Building Technology
Middle East, Turkey and Africa

Federico Lorenzo Forte
Public Relations Manager
ForteSecurGroup

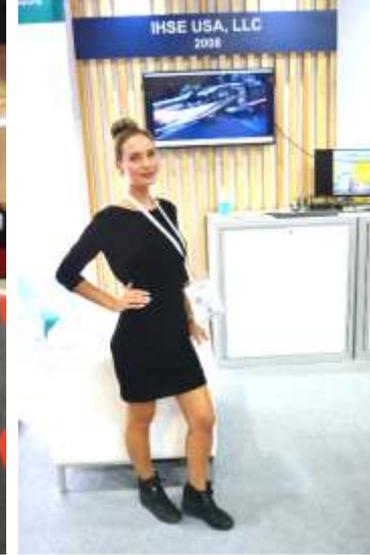
Arsh Shearif
Aviation Specialist
Moderator



Airport Show 2022

17-19 May | DWTC, Dubai







Upcoming Events



150th Slot Conference

The Slot Conference (SC) is a working conference. Regularly attracting over 230 airlines and representatives of over 85 schedules-facilitated or fully coordinated airports this twice-yearly meeting is one of IATA's largest events.

As part of the slot process, the purpose of this voluntary assembly of both IATA and non-IATA airlines worldwide is to provide a forum for the allocation of slots at fully coordinated airports (Level 3), and for the reaching of consensus on the schedule adjustments necessary to conform to airport capacity limitations (Level 2). The goal of the conference is for airlines and airports to obtain the slots that will give them the best possible schedule to offer their customers.

21-23 June 2022

Washington State Convention Arch Center (WSCC)

World Cargo Symposium London

The World Cargo Symposium (WCS) is the largest and most prestigious annual event. WCS 2022 will continue to move the industry from talk to action. The Symposium will feature plenary sessions, specialized streams, workshops and executive summits, tackling aspects related to Technology & Innovation, Security & Customs, Cargo Operations and Sustainability.

27-29 September 2022

London, England

World Cargo Symposium Hong Kong

The World Cargo Symposium (WCS) is the largest and most prestigious annual event. WCS 2022 will continue to move the industry from talk to action. The Symposium will feature plenary sessions, specialized streams, workshops and executive summits, tackling aspects related to Technology & Innovation, Security & Customs, Cargo Operations and Sustainability.

27-29 September 2022

Asia World-Expo

Middle East Trucks and Heavy Machinery Show 2022

Get on board now for the Middle East region's most promising and only dedicated Trucks and Heavy Machines event.

With sectors ranging from Trucks, Buses, Trailers, Construction Machines, Cranes, Mining Machines, Tractors, to Forklifts, Semi-trucks, Spare Parts, Lubricants, Fleet Management systems and much more, the METHM Show provides a one of its kind platforms to bring together the entire heavy machines industry under one roof.

27-29 September 2022

Asia World-Expo

SAHA Expo 2022

The SAHA EXPO Defense and Aerospace Exhibition will be held at Istanbul Exhibition Centre in Yeşilköy, Istanbul under the management of SAHA Istanbul Defense and Aerospace Cluster Association, by SAHA EXPO Exhibition Services Inc.

SAHA EXPO 2022 Exhibition is the world's first hybrid 3D defense industry exhibition. It will take place in 6 exhibition halls of Istanbul Expo Centre on an area of 60,000 m², enabling participants to attend the live events to connect with current and potential business partners, key contacts and suppliers. After the event, the venue will be turned into a virtual exhibition for three months. More than 600 exhibitors from 25 countries will showcase the latest technologies in defense and aerospace at the event.

25-28 October 2022

Istanbul, Türkiye

MEBAA Show 2022

The MEBAA Show, the Middle East's leading business aviation platform, is set to return to Dubai. The event will showcase the latest technologies, insights and business opportunities shaping the future of business aviation in the Middle East and across the globe.

Along with cutting-edge solutions and world-class aircraft on static display, the event will demonstrate, through a conference element, the key trends affecting the industry especially following the impact of the COVID-19 pandemic. Hear from industry experts on emerging trends, challenges and innovations within the business aviation sector through workshops, dedicated pre-arranged meetings and roundtable sessions.

December 2022

DWC, Dubai, Alrshow Site

The Big 5

For over 40 years, The Big 5 has provided an unmatched platform for the global construction industry to secure new business across the Middle East, Africa, and South Asia.

It's a key platform that propels businesses into new markets through live product showcases, knowledge exchange and networking opportunities, both online and in person

Visit an event packed with expert-led content, knowledge leaders and the latest products that will drive your business forward. Meet high profile decision-makers from private and government sectors, place your products directly in the hands of buyers, and provide a powerful sales message to potential clients.

05--08 December 2022

Dubai World Trade Center



OUR CARGO FLEET IS REACHING NEW HEIGHTS

With more B767-300 freighters joining our all-cargo fleet, a growing network, a state-of-the-art cold chain facility in Toronto, and investments in global self-handled cargo facilities, we're set to take your business even further.

Watch your business take off today.
AIRCANADACARGO.COM



**AIR CANADA
CARGO**



SMART **IST**

THE WORLD'S NEW LOGISTICS CENTER

THE NEW HOME OF TURKISH CARGO THAT FLIES TO THE MOST DESTINATIONS IN THE WORLD IS BECOMING THE NEW CENTER OF AIR CARGO LOGISTICS, CONNECTING CONTINENTS.



TURKISH CARGO

turkishcargo.com.tr