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Management

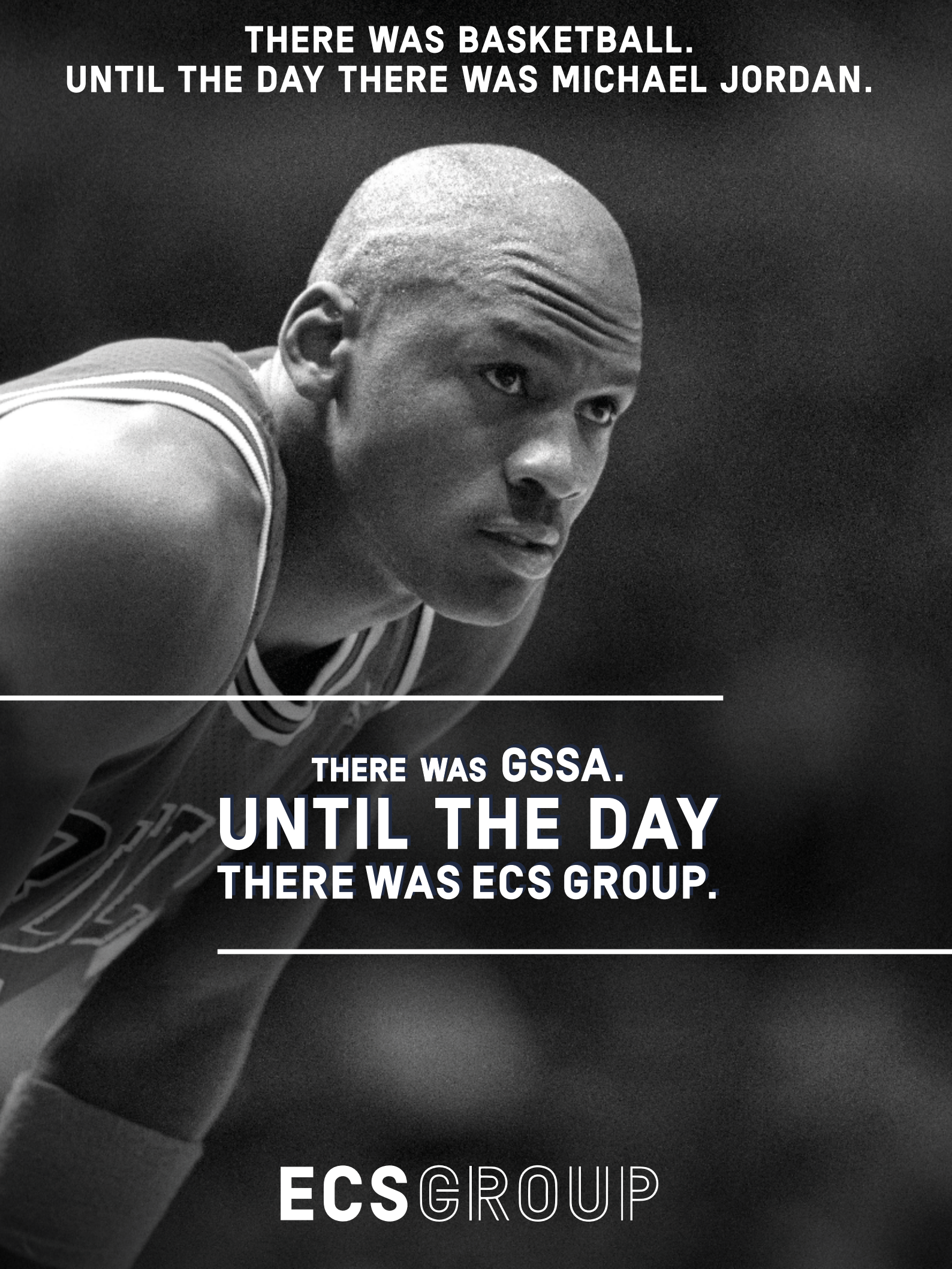
DIGITALISATION & SUSTAINABILITY IN AIR CARGO SPECIAL ISSUE



HIGH PRIORITIES

A greener, more innovative future ahead
for air cargo logistics and supply chains

PROGRESS & CHANGE WITH IN DEPTH INSIGHTS FROM:
AIR CANADA CARGO • QATAR AIRWAYS CARGO • ECS GROUP • JETTAINER

A black and white photograph of Michael Jordan in a crouched, ready position, looking intently towards the right. He is wearing a basketball jersey with the number 23. The background is dark and out of focus.

**THERE WAS BASKETBALL.
UNTIL THE DAY THERE WAS MICHAEL JORDAN.**

**THERE WAS GSSA.
UNTIL THE DAY
THERE WAS ECS GROUP.**

ECS@GROUP



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Shaping the future



WELCOME...

The global air cargo industry is transforming due to rapid advancements in digital technologies. Digitalisation is reshaping logistics and supply chains by providing real-time visibility, seamless information flow, and streamlined processes.

Simultaneously, the industry faces the challenge of sustainability, driven by growing environmental awareness. Efforts include adopting alternative fuels, implementing circular economy principles, and reducing waste. Sustainability's broader impact on communities and ecosystems is also being acknowledged.

Combining sustainability and digitalisation can enhance air cargo operational efficiency, decision-making, and reduce environmental impact.

Ahead of this year's TIACA Air Cargo Forum in Miami on November 11-14, we bring you this special issue that features insights from some industry leaders on how they are innovating for a greener, more efficient future.

I hope you enjoy this special issue, and please visit aviationbusinessnews.com for daily updates and exclusive content on key aviation industry trends.

Craig Waters

Craig Waters
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GOING ABOVE & BEYOND WITH ON-DEMAND FLIGHTS

Air Canada Cargo's *Matthieu Casey* explains how
the carrier is enhancing its product solutions

Air Canada Cargo, Canada's leading air cargo carrier in terms of cargo capacity, and subsidiary of Air Canada, North America's only international combination carrier, has made significant strides since the airline was established in 1937.

Today, we stand as an acclaimed provider of air cargo transportation services, having been named the 2024 Cargo Operator of the Year as part of the 50th annual ATW Airline Industry Achievement Awards.

Serving as Air Canada's freight division, Air Canada Cargo ensures dependable air freight transportation and connectivity across six continents through an extensive network of passenger and freighter flights, along with extensive trucking and interline services.

A GLOBAL NETWORK THAT DELIVERS

Air Canada Cargo's extensive network spans over 450 cities in more than 50 countries across six continents, offering non-stop flights as well as numerous routes through interline and trucking partnerships.

With a robust fleet capable of serving markets in Asia Pacific, Europe, Middle East, Africa and the Americas, we possess the capacity and a strong network reach to facilitate the movement of air cargo efficiently across the globe.

Our comprehensive passenger network is complemented by a specialised fleet of freighters consisting of eight Boeing 767 freighters that connect to four US stations (Atlanta, Dallas Fort Worth, Miami and Chicago), along with key markets in Latin America through our hub in Toronto.



2

Each freighter provides a total capacity of up to 57 tonnes and a total volume of 438m³, including five different main deck configurations.

Air Canada Cargo's competitive edge lies in our ability to reach major markets all over the world, as well as destinations beyond our regular scheduled routes with our on-demand flights.

DELIVERING CUSTOMISED SHIPMENTS ON TIME

Although Air Canada Cargo excels in scheduled freighter services, our customers often necessitate on-demand services for tailored and specialised shipments.

Leveraging our freighter fleet, we offer dedicated aircraft for time-critical solutions demanding swift turnaround times.



1

**“We offer dedicated
aircraft for time-critical
solutions demanding swift
turnaround times”**



3

Our customers often opt for dedicated on-demand flights when time sensitivity and efficiency are paramount. This is particularly true in scenarios where a substantial or specialised cargo delivery must be expedited, and the expense of delayed operations outweighs the costs. This is where the sought-after on-demand service of Air Canada Cargo comes into play.

Whether it involves transporting essential food materials from Ireland to Brazil or facilitating the quick movement of crucial aircraft components including engines and parts to maintain factory operations, we excel in orchestrating bespoke solutions for diverse needs.

The collective expertise of the entire

Air Canada Cargo freighter team is crucial in orchestrating an on-demand flight within a given deadline.

Collaboration is key as each member plays a vital role in the process, from training the appropriate personnel to liaising with various operational teams for efficient planning and coordination.

Working seamlessly with the operations team off and on the ground is essential to loading the aircraft swiftly and safely according to shipment handling and configuration specifications.

Air Canada Cargo exemplifies proficiency in orchestrating expedited shipments, showcasing our adeptness in handling complex logistics with precision.

From the loading of a 13-metre movie screen weighing over 900kg onto a 767 freighter headed for Quito, to transporting invaluable Olmec artefacts to a museum in Montreal, we have a proven track record of delivering shipping solutions where and when needed.

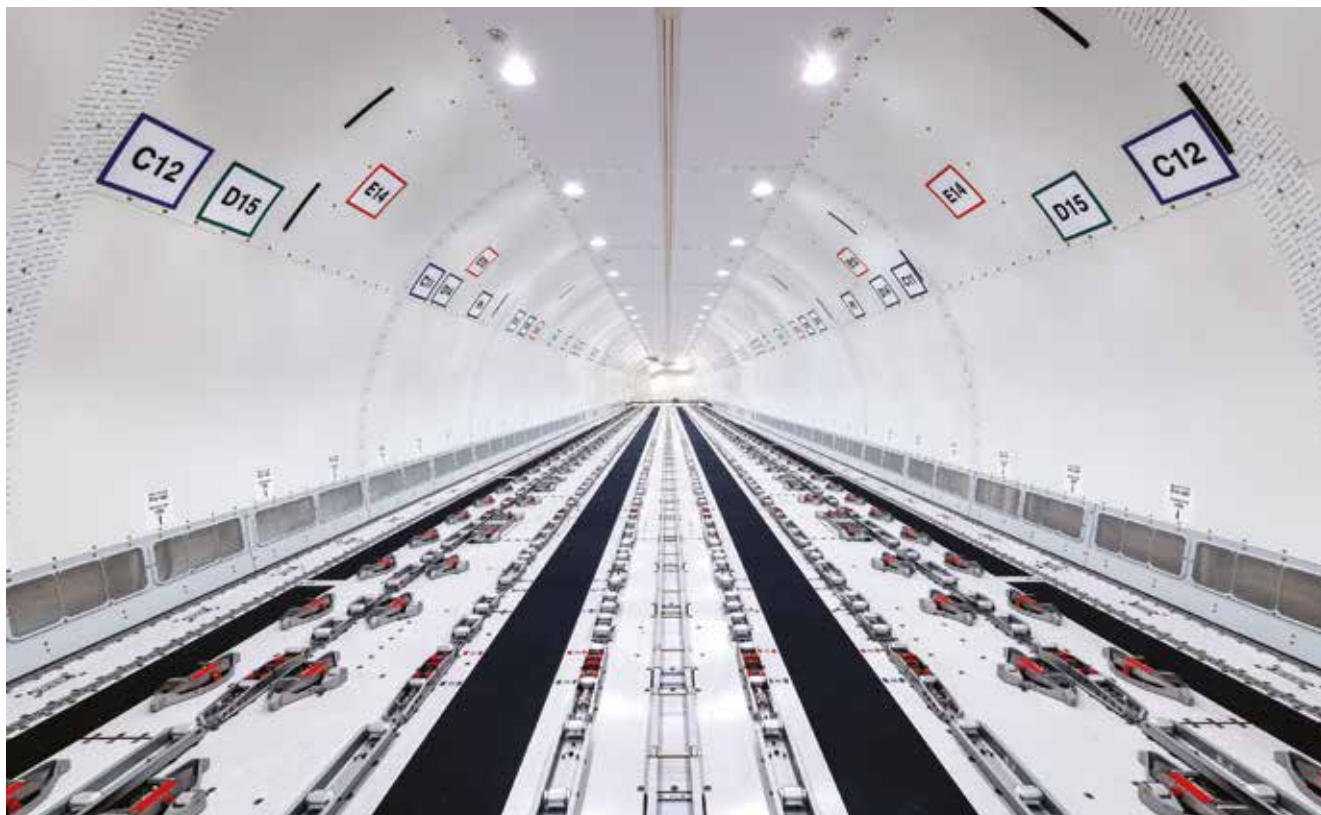
Other on-demand shipments that Air Canada Cargo has been proud to have been a part of include the movement of fresh flowers from Latin America to Europe in time for special occasions such as Valentine's Day, Saint's Day or Mother's Day.

We also successfully transported automotive material across the Atlantic, as well as concert stage equipment for the entertainment industry, and other niche commodities such as pharmaceuticals, apparel, aircraft engines and perishable food.

Air Canada Cargo is also a trusted provider for specialised transportation, particularly when it comes to sensitive equine cargo transfers. We prioritise the safety and well-being of horses throughout their journey, offering our very own premium horse stalls, accommodations for grooms and tailored care to meet their specific needs.

It is the commitment to handling precious cargo with care that ensures our customers can rely on us for a seamless and secure experience.

1. An Air Canada Cargo Boeing 767 freighter 2. Matthieu Casey, managing director – commercial, Air Canada Cargo 3. The Boeing 767 freighter provides a total capacity of up to 57 tonnes



▲ Inside a Boeing 767 freighter

OPTIMISING CARGO OPERATIONS

Air Canada Cargo has achieved significant progress in operation excellence through various product-focused initiatives.

For example, we were the first air cargo carrier to receive IATA's CEIV Live Animals certification and subsequent recertification, and earlier this year, we obtained IATA's CEIV recertification for our special pharmaceutical handling processes.

We have established ourselves as a market leader through our commitment to operational and service excellence, prioritising safety and discipline throughout our processes.

When our customers need to ship time-sensitive cargo urgently, our expert engineers deliver specialised, on-site support, so shipments are handled with precision, expertise and quick reaction time.

Air Canada Cargo continues to demonstrate its strong commitment to environmental sustainability. This

“The implementation of digital initiatives has played a crucial role in Air Canada Cargo’s commercial strategy”

includes facilitating the procurement of millions of litres of sustainable aviation fuel (SAF) for major clients worldwide and joining Air Canada in actively pursuing the ambitious target of achieving net-zero emissions for all global operations by 2050.

Air Canada has established clear absolute mid-term greenhouse gas (GHG) net-reduction targets for 2030, including 20% net reductions in GHG emissions from air operations, 30% net reductions in GHG emissions from ground operations, and a \$50 million investment fund for low-carbon technologies to expedite the transition to decarbonisation.

The implementation of digital

initiatives has played a crucial role in Air Canada Cargo's commercial strategy. By prioritising customer needs, we have created a user-friendly digital environment with self-serve scheduling and booking tools and transitioned customer accounts to a cloud-based system, reducing the reliance on paper air waybills.

Digitalisation has also enabled advanced analytics, leading to improved demand forecasting, route optimisations, network management and identification of market opportunities.

With an extensive route network and a modern fleet of aircraft, Air Canada Cargo is well positioned to meet the shipping needs of its customers, whether it requires a scheduled service or a specialised on-demand request.

Our on-demand flights are the answer for customised or time-sensitive cargo that require tailored handling solutions and need to be shipped to and from specific destinations. ●

Text supplied by Air Canada Cargo



ON-DEMAND FLIGHTS CUSTOMIZED TO YOUR NEEDS

Ship time-sensitive or specialized cargo anywhere in our network or beyond our scheduled routes with an on-demand flight.* As an award-winning global carrier, we have industry-leading experience and loadmaster expertise to handle complex shipments quickly on our 767 freighters, which each boast:

- Up to 57 tonnes of capacity
- 438m³ of volume
- Fully customizable main deck capabilities

Contact our team of experts available 24/7 to arrange a tailor-made solution.
aircanadacargo.com/on-demand-flights

* Destinations, routes, and estimated turnaround time are subject to regulatory and operational approval, and therefore cannot be guaranteed.
Our team is available to answer your inquiries and assess feasibility upon request.

2024 AIR TRANSPORT WORLD
CARGO OPERATOR OF THE YEAR



AIR CANADA
CARGO

A DUAL FOCUS

Qatar Airways Cargo's *Mark Drusch* highlights says the carrier will lead the evolution of the industry by harnessing digital technologies and sustainable practices

Qatar Airways Cargo has consistently demonstrated our prowess as a leading cargo airline. With an expansive network of 70 freighter destinations and more than 170 passenger destinations, we utilise a fleet of 28 777Fs and innovative products and solutions to deliver superior cargo services worldwide.

As the air cargo industry evolves, we aim to continue to lead the industry, driving innovation through digitalisation and a steadfast commitment to sustainability.

INNOVATION AND DIGITALISATION

In the fast-paced world of air cargo, digitalisation is not just a trend but a necessity.

Recognising this, Qatar Airways Cargo has integrated cutting-edge technologies to streamline operations and enhance customer experience.

Our online booking platform, Digital Lounge, epitomises Qatar Airways Cargo digitalisation efforts. Since its inception, the Digital Lounge has attracted over 6,200 registered customers and 14,000 users, with close to 300,000 online bookings. The portal's intuitive design and layout have garnered high ratings from users, reflecting its success in meeting customer needs and promoting digitalisation in the cargo industry.

The Digital Lounge's user-friendly interface and a host of features at the user's fingertips streamline the cargo booking process for customers. With advanced features such as tracking and tracing, uploading of multiple dimensions per shipment, notifications configuration per air waybill, BUP bookings with ULD details, allotment bookings, and a personalised experience for consolidators, the Digital Lounge portal offers a unique and efficient booking experience. Customers can complete their bookings in minutes,



2

supported by a 24/7 centralised in-house technical support team.

Our omni-channel strategy is designed to provide options for all customers. By offering access to industry booking platforms such as WebCargo, CargoAI, WiseTech and CargoOne, Qatar Airways Cargo ensures a connected and improved e-booking experience, no matter which booking platform is utilised. This approach not only broadens our customer choice but also enhances convenience and efficiency.

In addition, Qatar Airways Cargo is dedicated to gathering feedback on the platform's usage and introducing more exclusive features such as auto-confirmation of bookings less than 2,500kg/15cbm, the ability to update shipment details after submission, pre-booking of General Cargo Allotments for easy upload of multiple AWBs, booking



1

“We will continue to innovate and lead by example”



3

templates to increase efficiency, and conducting informative training sessions.

To further improve the user experience, the Digital Lounge is continually updated with new features. Upcoming enhancements include the capture of Master Air Waybill (MAWB) and House Air Waybill (HAWB) details, automatic booking detail captures, and the ability to update shipment details until ready for carriage (RCS) or shipment verification. These features are designed to make the booking process seamless and efficient, allowing users to manage their cargo needs comprehensively through a single platform.

The recently introduced industry feature 'My Allotments', provides real-time visibility, prevents overbooking, and optimises shipment planning. This feature has received overwhelming positive feedback from early users, with

one of the largest freight forwarders in Asia praising its practicality and time-saving benefits.

Qatar Airways Cargo has also introduced our optimised, real-time pricing powered by PROS Smart Price Optimization and Management on all online booking channels across our network. The real-time pricing engine provides our customers with an enhanced digital buying experience that allows immediate online booking confirmation with accurate, personalised pricing.

Digitalisation is a high priority for Qatar Airways Cargo. To deliver on the acceleration of digitalisation, we are developing new APIs, such as shipment tracking, providing real-time tracking and transparency. It enables end-to-end visibility and status updates on shipments to all our online channels. Our investments focus on supporting

the 'Internet of Things' which provides another level of real-time information.

Our capability to integrate with logistics partners and other digital ecosystems are all intended to create a seamless cargo shipping experience for our customers.

We have been on the forefront of adopting new technologies and standards, and we are in the early stages of IATA's One Record adoption with beta tests concluded including the One Record pilot with General Authority of Customs – Qatar. We will launch IATA One Record by 2025 and will continue to invest to lead the industry.

1. Mark Drusch, chief officer cargo, Qatar Airways Cargo **2.** Qatar Airways Cargo's WeQare Rewild the Planet initiative is its commitment to returning endangered species back to their natural habitat, free of charge. **3.** Qatar Airways Cargo Boeing 777F



▲ Qatar Airways Cargo is developing new APIs such as shipment tracking.

“Qatar Airways Cargo’s dual focus on digitalisation and sustainability highlights our leadership in the air cargo industry”

SUSTAINABILITY: A CORE COMMITMENT

Sustainability is at the heart of Qatar Airways Cargo’s operations. Our WeQare sustainability programme is built on four pillars: environment, society, economy, and culture. Each pillar of WeQare addresses a specific aspect of sustainability. Chapter 2, ‘Rewild the Planet’, focuses on ecological balance by offering free transport for wild animals returning to their natural habitats.

We played a crucial role in transporting six young lions, known as the ‘Kuwait 6’, from the illegal wildlife trade to the same sanctuary recently under the Rewild the Planet chapter. These efforts stress the airline’s dedication to preserving ecological balance and supporting wildlife conservation.

We are proud to be supporting Animal Defenders International (ADI). The WeQare Rewild the Planet initiative is our commitment to returning wildlife back to natural habitat, free of charge.

It requires significant effort and logistics for our team to organise moving such large animals; from the logistics at the airports, loading and unloading the animals from the aircraft, to ensuring the correct cages and wellbeing of the animals. The effort, time and financial commitments is something we are all collectively very proud of and passionate to be a part of.

Qatar Airways Cargo’s sustainability efforts extend beyond wildlife conservation. We actively collaborate with humanitarian organisations, UNHCR and Airlink are two examples, to transport essential goods to crisis-hit areas.

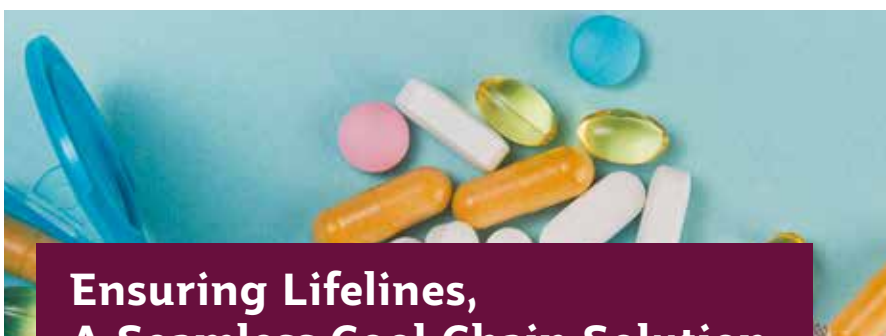
We recently renewed our partnership with UNHCR, ensuring continued support for refugees and displaced persons. This collaboration underscores Qatar Airways Cargo’s commitment to aiding those in need and contributing positively to global humanitarian efforts.

Qatar Airways Cargo’s dual focus on digitalisation and sustainability highlights our leadership in the air cargo industry. Through innovative solutions such as the Digital Lounge and impactful initiatives such as WeQare, we are setting new standards for efficiency, customer satisfaction, and environmental stewardship.

As the industry continues to evolve, Qatar Airways Cargo’s commitment to these core principles ensures our leadership position, driving positive change and delivering excellence in air freight services.

In an industry where efficiency and sustainability are paramount, we will continue to innovate and lead by example, setting a benchmark for others to follow and proving that progress and responsibility can go hand in hand. ●

Text supplied by Qatar Airways Cargo



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QATAR  | **CARGO**
AIRWAYS القطرية

ALIGNING TECHNOLOGY WITH ENVIRONMENTAL STEWARDSHIP

By combining digitalisation with sustainability initiatives, ECS Group is setting a benchmark for the air cargo sector

In the dynamic world of air cargo, ECS Group has charted a course that integrates digital innovation with sustainability, carving a unique niche in the General Sales and Service Agent (GSSA) sector. This forward-thinking approach is amplified by a strategic collaboration with CargoTech, propelling ECS Group into a leadership role in digital transformation.

DIGITAL INNOVATION FOR CLIENT BENEFIT

ECS Group's collaboration with CargoTech has been transformative, enabling the introduction of advanced digital solutions that not only streamline operations but also optimise revenues and enhance transparency.

Adrien Thominet, ECS Group's executive chairman, explains: "Our journey towards digital excellence is driven by a dedication to our clients' needs, ensuring each technological advancement directly benefits them."

This client-focused strategy ensures that every digital solution developed internally or adopted is aimed at enhancing customer service and satisfaction.



1

CARGOTECH'S ADVANCED DIGITAL SOLUTIONS

ECS Group utilises a suite of products from CargoTech companies, each tailored for specific operational needs:

- Rotate's Live Capacity: Offers real-time data on market trends and capacity fluctuations, enabling ECS Group to adapt quickly in a competitive market and enhance strategic growth
- Skypallet by Wiremind: Optimises available capacity, maximising space efficiency and significantly reducing CO2 emissions
- CargoAi's e-Booking platform: Enhances booking efficiency and allows for environmentally conscious choices by providing options ranked by CO2 emissions.

Cédric Millet, president of CargoTech, says: "We're not just developing technology; we're crafting ecosystems that redefine industry standards and empower our customer partners to excel in both service excellence and environmental stewardship."

These digital solutions collectively enhance ECS Group's capabilities, helping to optimise airline customers' networks, establish new interline partnerships, and react dynamically to market changes.

PIONEERING SUSTAINABILITY THROUGH DIGITAL STRATEGIES

ECS Group is also pioneering efforts in sustainability within the air freight industry. An ambitious goal to digitalise 75% of booking and



2

automate administrative processes underscores a broader commitment to merge operational efficiency with environmental responsibility.

"Our digital transformation endeavours are deeply intertwined with our commitment to sustainability," explains Thominet.

This commitment is supported by collaborations with CargoTech members such as Wiremind, CargoAi, Rotate, and Aerios, leading to digital solutions that improve transparency, efficiency, and sustainability

ENHANCING MARKET REACH AND CUSTOMER VALUE

By adopting Rotate's Live Capacity, ECS Group can provide timely and accurate data to its clients, enhancing their ability to make informed decisions. Such technological leverage is crucial in maintaining ECS Group's leadership in the competitive GSSA market.

"Our digital transformation endeavours are deeply intertwined with our commitment to sustainability"

Adrien Thominet, executive chairman, ECS Group



Chalabala/Adobe Stock

“At CargoTech, we’re not just developing technology; we’re crafting ecosystems that redefine industry standards”

Cédric Millet, president, CargoTech

BUSINESS BENEFITS AND INDUSTRY LEADERSHIP

The integration of digitalisation and sustainability is not merely a compliance measure for ECS Group; it is a strategic business decision that offers multiple advantages.

Enhanced efficiency leads to cost savings, while a strong sustainability record strengthens brand reputation and customer loyalty. In a market where clients increasingly value environmental responsibility, ECS Group’s initiatives provide a significant competitive edge.

Furthermore, ECS Group’s focus on digitalisation attracts tech-savvy talent and nurtures a workforce adept at using

advanced technologies to solve logistical challenges. This emphasis on innovation and sustainability makes ECS Group an attractive employer.

SETTING A BENCHMARK IN THE AIR CARGO INDUSTRY

ECS Group’s approach to integrating digitalisation with sustainability initiatives sets a benchmark in the air cargo industry.

By optimising cargo space and enhancing operational efficiencies through digital solutions, ECS Group champions a more sustainable logistics model. These efforts not only position ECS Group as a leader in digital

transformation and sustainability but also demonstrate how technological advancements can be harmoniously aligned with environmental stewardship.

As ECS Group continues to innovate and lead, it remains committed to delivering exceptional value to its clients, partners, and the planet, reinforcing its status as a pioneering force in the global air cargo industry. ●

Text supplied by ECS Group

1. Adrien Thominet, executive chairman, ECS Group
2. Cédric Millet, president, CargoTech



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PUSHING AHEAD

In an era where sustainability and digitalisation are revolutionising the aviation industry, Jettainer emphasises the importance of being innovative to stay competitive

At a time when sustainability and digitalisation are redefining the aviation industry, companies need to be innovative and embrace change. This can be the only way they will remain competitive.

Since its foundation 20 years ago, the Unit Load Device (ULD) management company Jettainer has been committed to develop innovations and continuously working towards greater sustainability in the industry. Today, the company is one of the world's leading ULD service providers with representative offices at 15 major hubs in Asia, the Middle East, Europe and the Americas.

With a team of aviation experts, Jettainer operates the most efficient ULD fleet across 500 locations, serving some of the largest and most prestigious airlines.

INTELLIGENTLY COLLECTING AND ANALYSING DATA

In the wake of the digital transformation, Jettainer has continuously driven the use of innovative technologies over the past two decades to optimise ULD management, increase efficiency and deliver significant value to its customers and partners.

Dr Jan-Wilhelm Breithaupt, chief executive of Jettainer, said: "Our IT solutions are key to always ensure the availability of ULDs for our customers while moving them as efficiently as possible. Intelligently collecting and analysing data is at the heart of what we do. Thereby, we not only know exactly where the units are, but we also make the most efficient control decisions."

Jettainer has developed an intelligent decision support system for ULD management in collaboration with universities. The system uses big data



2

and machine learning to generate solutions and predictions. It also supports Jettainer's ULD controllers in making decisions.

In addition, JettWare, the company's in-house IT solution, and its current development, JettWare NG (next generation), already include AI capabilities. Ongoing enhancements are planned to further improve the workflow.

"With next generation, we are taking the automation of workflows to the next level," explains Breithaupt. "Automation is much more than just digitising simple manual processes. We are all confronted with an ever-increasing amount of data. Automated and AI-supported workflows help to structure this data and turn it into real insights. This is also about optimising our customers' ULD management – economically and ecologically."

SMART DATA FOR GREATER SUPPLY CHAIN VISIBILITY

"Right now, our main focus is on the intelligent use of data, which is already collected in large quantities during cargo and baggage transportation, and on linking and processing it in



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“Jettainer has been successfully developing lighter and therefore more fuel-efficient ULDs for many years”

a meaningful way,” adds Breithaupt. “We are already using this approach, and thanks to JettWare, we know very reliably and precisely where our ULDs are located at airport level – so our customers can rely on ULD availability.”

Jettainer also equips its customers’ ULD fleets with BLE trackers, when this provides meaningful benefits. “The broader question, however, is how to effectively track movements on the apron, monitor aircraft loading status and manage logistics at carriers’ warehouses, consignees or trucking operations,” notes Breithaupt.

Current BLE trackers are dependent on the associated reader infrastructure, which sometimes reaches its limits

outside the warehouse or at least the airport. However, an adequate reader infrastructure in forwarding or loading warehouses is particularly important when units leave the airport premises to be able to track their movements seamlessly.

Breithaupt adds: “We are investigating market developments for alternative solutions to BLE trackers that do not rely on readers (only), could potentially offer a greater range and deliver a broader set of information such as temperature, shock or geo-position.”

Another way to make the ULDs’ journey outside the airport even more transparent is to establish and expand interfaces with customers and partners.

APIs provide a solution for handling data intelligently to improve operational efficiency and service quality. Jettainer is also preparing to adopt the IATA ONE Record standard for all areas of ULD management.

“The inclusion of additional data from the handling process or from aircraft operations will add more information to our database,” says Breithaupt. “In this way, we can provide our customers with valuable additional information.”

A NEW AGE OF LIGHTWEIGHT DESIGN AND EFFICIENCY

Additional to the use of digital solutions for ULD management, Jettainer is also strongly committed to greater sustainability in the aviation industry. “Aviation is more than just a carbon footprint,” says Breithaupt. “It connects people and industries around the world, and the management of ULDs for baggage, cargo and mail is key enabler of that.”

According to the Jettainer chief, the efficient use of ULDs plays a key role in making air cargo more sustainable, as ULDs should ideally never be moved empty, idle, lost or abandoned. The classic approach to optimising usage is efficient ULD management. “Moving ULDs around the world as efficiently as possible is our core competence,” he explains. “Our experts around the world are close to our customer’s operations. Combined with the use of technology and the exploitation of network synergies, we manage ULDs in such a way that imbalances can be mitigated and significantly fewer ULDs are needed in the first place. Therefore, we help our

1. Jettainer is one of the world’s leading ULD service providers
2. Dr Jan-Wilhelm Breithaupt, chief executive, Jettainer
3. Jettainer operates an efficient ULD fleet across 500 locations



◀ With digital twins, Jettainer can track every step in the lifecycle of a ULD

customers to save fuel, CO2 as well as aircraft and storage capacity.”

Reducing the weight of the containers themselves is also an important pillar of the ULD management service provider’s sustainability strategy.

Together with its partners, Jettainer has been successfully developing lighter and therefore more fuel-efficient ULDs for many years.

“Weight reduction is crucial,” says Breithaupt. “Lighter ULDs lead to less fuel consumption, which in turn means less carbon emissions.

“By using innovative materials and designs, we have been able to reduce the weight of ULDs and thus lowering kerosene consumption every year – while of course maintaining the highest safety and reliability standards.”

The innovative Pallet-Net-Zero lightweight nets from AmSafe Bridport are another example for this.

Made from sustainable bio-based materials, they are approximately 60% lighter than conventional polyester versions.

By investing in lighter, yet more durable materials, Jettainer has also been able to reduce the need for repairs and spare parts, thereby conserving resources.

“Jettainer has developed an intelligent decision support system for ULD management in collaboration with universities”

Jettainer’s Digital Twins in the ULD fleet also help to reduce repairs. Every step in the lifecycle of the ULDs can be tracked through the virtual copy to gain insights for continuous optimisation.

Breithaupt adds: “Our engineering team, together with our partners, continuously optimise OEM processes to ensure that our containers are not only lightweight, but also strong and durable. This not only saves resources, but also extends the lifecycle of our products, which is crucial for a sustainable future.”

COOPERATION FOR MORE SUSTAINABILITY

Jettainer’s neutral brand ‘skypooling’ offers yet another approach to save CO2. skypooling is an online platform for sharing ULDs open to all airlines, ULD management and leasing companies.

The aim is to solve imbalances, avoid empty transports for repositioning containers and pallets and thus save fuel and CO2.

“Efficient pooling and the shared use of resources is a simple but effective way to reduce CO2 emissions,” explains Breithaupt. “By maximising the utilisation of each container with skypooling and avoiding empty flights, we are helping to reduce the environmental impact.”

TOWARDS A SUSTAINABLE AND DIGITAL FUTURE

Looking to the future, Jettainer remains committed to its vision of a sustainable and digitalised air cargo industry.

“Sustainability and digitalisation are not just trends, they need to be addressed now,” concludes Breithaupt. “By pushing ahead with these developments, we are making a decisive contribution to shaping the future of air freight.” ●

Text supplied by Jettainer



PRODUCT PORTFOLIO

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HUMIDIFIER ONBOARD TRANSFORMS THE EXPERIENCE.

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