



Jul 18, 2023 11:45 CEST

Lufthansa Cargo and Kuehne+Nagel pioneer paperless freight transportation with an all-digital shipment flow

- **Moving jointly forward in the field of digitalization and sustainability in air freight: Introduction of “paperless corridors” between Europe and Asia**
- **The first “paperless lane” between Germany and Hong Kong has successfully been established and piloted with 100 per cent paperless general cargo shipments**

In an era driven by digital transformation and environmental consciousness, the need to reduce paper usage and streamline operations has become increasingly paramount. By introducing “paperless lanes” between Europe

and Asia, Lufthansa Cargo and one of its most digital partners Kuehne+Nagel seek to eliminate the unnecessary burden of physical documentation while optimizing the entire air freight process. The benefits of paperless lanes extend beyond operational efficiency. This collaboration will also make substantial contributions to sustainability efforts within the air freight industry.

Already in the first weeks of the pilot phase, Lufthansa Cargo and Kuehne+Nagel achieved 100 per cent paperless shipments for general cargo on the lane between Germany and Hong Kong. This means not only the electronic air waybill, but additionally also targets accompanying documents and paper pouches. In the next phase more lanes will be targeted. By increasing the number of paperless lanes, a whole paperless corridor between Europe and Asia will be built for general cargo where the transport of paper could be eliminated.

Both companies are excited about the transformative potential of this pilot project. By using paperless cargo to full capacity within the paperless corridor, Lufthansa Cargo and Kuehne+Nagel are paving the way for a more sustainable and an efficient future in logistics. This initiative reflects their commitment to harnessing innovation and technology to drive positive change within the industry.

Dr. Jan-Wilhelm Breithaupt, Vice President Global Fulfillment Management, Lufthansa Cargo, highlights: “We see great opportunities in this initiative as it supports all participants in pushing their handling efficiencies as well as increasing data availability and transparency throughout their network. The transition to a paperless environment will significantly reduce processing times plus complexity and offers just in time shipment status information. However, it will only be a first step towards a fully digitalized air freight future; especially accompanying documentation of special cargo will come into our focus soon enough.”

Furthermore, Lufthansa Cargo’s long-standing customer Kuehne+Nagel is very pleased by the achievement of 100 per cent paperless freight and has set a clear goal to further expand the paperless footprint according to Kolja Mahler-Wingen, Vice President Air Logistics Operations Germany, Kuehne+Nagel: “In addition to the positive effect of paperless handling, which primarily saves time and gains efficiency, a purely digitally supported process also offers further potential for automation in order to reach the best

possible transparency and data quality for our customers around the globe. We as Kuehne+Nagel are highly committed to further expanding our digital ambitions on the way to a fully digitized air freight process.”

Both Lufthansa Cargo and Kuehne+Nagel encourage industry players to join them in their efforts to eliminate unnecessary paper documents. Participating in the “paperless corridor” is easy for interested logistic companies: All that is required is the participation in the electronic Air Way Bill (eAWB) Single Process and the selection of the eFreight Special Handling Code (EAW) for all general cargo when preparing the shipment and paperless delivery to the airline.

Lufthansa Cargo AG

With revenue of 4.6 billion euros and a transport performance of 7.2 billion freight ton kilometers in 2022, Lufthansa Cargo is one of the world's leading companies in the transport of airfreight. The company currently employs around 4,100 people worldwide. Lufthansa Cargo's focus is on the airport-to-airport business. The route network covers around 300 destinations in more than 100 countries, using both freighter aircraft and cargo capacity from passenger aircraft operated by Lufthansa, Austrian Airlines, Brussels Airlines, Eurowings Discover and SunExpress, as well as trucks. The majority of the cargo business is handled via Frankfurt Airport. Lufthansa Cargo is pursuing the goal of becoming the world's most environmentally friendly cargo airline. To achieve this, the company relies on state-of-the-art technologies and constant investments in the area of sustainability. In 2022, important milestones were reached, such as the investment in the continuous expansion of the B777F fleet, the expansion of short- and medium-haul networks with A321 freighters, and the continuation of the Sustainable Aviation Fuel program. In 2023, Lufthansa Cargo plans to successively equip its B777F fleet with Sharkskin technology, implement further digital services and contribute to reducing CO2 emissions through sustainable logistics solutions. Lufthansa Cargo is a wholly owned subsidiary of Deutsche Lufthansa AG and the specialist for the logistics business of the Lufthansa Group.

About Kuehne+Nagel

With over 79,000 employees at almost 1,300 sites in close to 100 countries, the Kuehne+Nagel Group is one of the world's leading logistics providers. Headquartered in Switzerland, Kuehne+Nagel is listed in the Swiss blue-chip stock market index, the SMI. The Group is the global number 1 in air and sea logistics and has strong market positions in road and contract logistics.

Kuehne+Nagel is the logistics partner of choice for 400,000 customers worldwide. Using its global network, logistics expertise and data-based insights, the Group provides end-to-end supply chain solutions for global companies and industries. As a member of the Science Based Target Initiative (SBTi), Kuehne+Nagel is committed to sustainable logistics by reducing its own environmental footprint and by supporting its customers with low-carbon logistics solutions.

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