

TradeLens Blockchain-Enabled Digital Shipping Platform Continues Expansion With Addition of Major Ocean Carriers Hapag-Lloyd and Ocean Network Express

COPENHAGEN, DENMARK and ARMONK, NY: 2 July 2019 --- Rapid adoption of [TradeLens](#) across the global shipping supply chain continues as Hapag-Lloyd and Singapore-based Ocean Network Express (ONE) Pte. Ltd announced they will join the blockchain-enabled digital shipping platform, jointly developed by A.P. Moller - Maersk ([MAERSKb.CO](#)) and IBM ([NYSE: IBM](#)).

Hapag-Lloyd and ONE, the world's fifth and sixth largest carriers respectively, join CMA CGM and MSC Mediterranean Shipping Company, both of which recently announced they are joining TradeLens. With these additions, the scope of the platform now extends to more than half of the world's ocean container cargo.

"Expanding digital collaboration is critical to the evolution of the container shipping industry," said Martin Gnass, Managing Director Information Technology at Hapag-Lloyd. "TradeLens has made significant progress in launching a much-needed transformation in the industry, including its partnership model. Now, with five of the world's six largest carriers committed to the platform, not to mention many other ecosystem participants, we can collectively accelerate that transformation to provide greater trust, transparency and collaboration across supply chains and help promote global trade."

The addition of these two global carriers will help drive further adoption of TradeLens around the world now that TradeLens customers have access to major carriers in all three leading global vessel sharing alliances on the platform. With an already significant presence in Asia, ONE is further strengthening and expanding its coverage through joint cooperation with TradeLens to help meet the challenging demands of the crucial Asia market.

"We believe this innovative approach based on open standards and open governance can benefit the entire industry while ultimately benefitting our customers who rely on the world's shipping industry to transport global container volume of more than 120 million TEU across international borders each year," said Noriaki Yamaga, Managing Director, Corporate & Innovation, Ocean Network Express. "The opportunities to drive greater innovation across the shipping supply chain are enormous and we are excited about the opportunity to provide our leadership and insight to help the platform continue to evolve."

TradeLens was launched to help modernize the world's supply chain ecosystems. Many of the processes for transporting and trading goods are costly, in part, due to manual and paper-based systems. Replacing

these peer-to-peer and often unreliable information exchanges, the platform enables participants to digitally connect, share information and collaborate across the shipping supply chain ecosystem.

“The addition of more leading carriers to TradeLens will help global supply chain customers expand and explore the benefits of digitization and deliver new opportunities to the increasing number of TradeLens ecosystem participants across the global supply chain. As a neutral industry platform, TradeLens offers supply chain visibility, ease of documentation and the potential of introducing new products on top of the platform. These attributes bring new opportunities for the Maersk transformation towards becoming an end-to-end container logistics company improving the experience and services we offer the customers,” said Vincent Clerc, Chief Commercial Officer, A.P. Moller - Maersk.

Members of TradeLens gain a comprehensive view of their data and can collaborate as cargo moves around the world, helping create a transparent, secured, immutable record of transactions.

The attributes of blockchain technology are ideally suited for large networks of disparate partners. Blockchain establishes a shared, immutable record of all the transactions that take place within a network and enables permissioned parties access to secured data in real time.

“Blockchain for the enterprise is solving previously unsolvable problems,” said Bridget van Kralingen, Senior Vice President, Global Industries, Clients, Platforms & Blockchain, IBM. “Through improved trust, simplicity and improved insight into provenance, blockchain solutions such as TradeLens are delivering proven value across business processes for our clients and their ecosystems. Massive new efficiencies in global trade are now possible and we’re seeing similar effects across the food industry, mining, trade finance, banking and other industries where the value of blockchain is more apparent than ever before.”

Hapag-Lloyd and ONE will each operate a blockchain node, participate in consensus to validate transactions, host data, and assume a critical role of acting as Trust Anchors, or validators, for the network. Both companies will be represented on the TradeLens Advisory Board, which will include members across the supply chain to advise on standards for neutrality and openness.

About Hapag-Lloyd

With a fleet of 235 modern container ships and a total transport capacity of 1.7 million TEU, Hapag-Lloyd is one of the world's leading liner shipping companies. The company has around 12,800 employees and 398 offices in 128 countries. Hapag-Lloyd has a container capacity of approximately 2.6 million TEU – including one of the largest and most modern fleets of reefer containers. A total of 121 liner services worldwide ensure fast and reliable connections between more than 600 ports on all the continents. Hapag-

Lloyd is one of the leading operators in the Transatlantic, Middle East, Latin America and Intra-America trades.

About Ocean Network Express (ONE)

Ocean Network Express (ONE) was incepted on July 7, 2017 following the liner service integrations of Kawasaki Kisen Kaisha (“K” LINE), Mitsui O.S.K. Lines (MOL) and Nippon Yusen Kaisha (NYK). The new entity functions from its global headquarters in Singapore, supported by regional headquarters in Hong Kong, Singapore, the United Kingdom, the United States and Brazil. ONE is the world’s sixth largest container carrier with a fleet size of approximately 1.55 million TEU. Operating more than 210 vessels, it offers an expeditious and a reliable international network of over 120 services to 120 countries and beyond. ONE is a member of THE Alliance (THEA), a global ocean carrier consortium.

For more information, please visit www.one-line.com.

About TradeLens

The TradeLens platform has been jointly developed by Maersk and IBM. TradeLens is an open and neutral industry platform underpinned by blockchain technology and supported by major players across the global shipping industry. The platform promotes the efficient, transparent and secure exchange of information in order to foster greater collaboration and trust across the global supply chain.

www.tradelens.com

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