Carrier and AWS Collaborate to Transform How Food, Medicine, Vaccines and Other Perishable Goods are Moved and Monitored Globally

Carrier's new Lynx digital platform will provide customers with greater connectivity, visibility, and intelligence across the cold chain to improve safe transport of temperature-controlled items

WARRINGTON, England, October 12, 2020 — Amazon Web Services (AWS) and Carrier Global Corporation have announced a multi-year agreement to co-develop Carrier's new Lynx ™ digital platform. This suite of tools will provide Carrier customers around the world with enhanced visibility, increased connectivity, and actionable intelligence across their cold chain operations to improve outcomes for temperature-sensitive cargo, including food, medicine, and vaccines. The collaboration builds on Carrier's selection of AWS as its preferred cloud services provider in February 2020.

The Lynx platform will combine AWS's IoT, analytics, and machine learning services with Carrier's refrigeration and monitoring solutions, extending Carrier's current digital offerings for managing the temperature-controlled transport and storage of perishables. Customers using the Lynx platform will benefit from end-to-end tracking, real-time alerts, automated processes, and predictive analytics to help them deliver temperature-controlled cargo more efficiently, in turn decreasing the cost of cold chain operations by optimising resource utilisation, cargo loss, and spoilage.

Leveraging AWS IoT services to collect, integrate, organise, and analyse data from Carrier's large installed base of refrigeration equipment and monitoring solutions, along with sources such as traffic and weather reports, the Lynx platform will provide a comprehensive view of cargo location, temperature conditions, and external events that could impact cold chain operations. This information will feed into a data lake built on Amazon Simple Storage Service (Amazon S3) where Carrier can use AWS machine learning services to identify potential issues that could impact cargo, as well as run sophisticated analytics to develop recommendations for improving outcomes. For example, by analysing historic and real-time performance data from Carrier's cloud-connected equipment, the Lynx platform could suggest proactive maintenance to maximise a specific piece of equipment's availability. Looking ahead, Carrier and AWS plan to introduce a capability for the Lynx platform to provide recommendations related to cargo routing and improved fleet utilisation, adding greater resilience into the cold chain that will help Carrier's customers to manage costs, schedules, and resources.

"Carrier is committed to delivering a healthier, safer, and more sustainable cold chain. Through this collaboration with AWS, we are developing a uniquely powerful ecosystem to give our customers greater flexibility, visibility, and intelligence across the cold chain," said David Appel, President, Carrier Refrigeration. "The Lynx platform will help our customers make faster, data-driven decisions to improve the effectiveness, efficiency, and sustainability of their supply chains. This digital solution will enhance connectivity across the cold chain, decreasing delays for cargo that is critical to global health and well-being, while reducing cargo damage, loss, and unanticipated costs."

"Carrier and AWS are tackling the complexity and fragmentation of the cold chain to give supply chain customers the transparency, flexibility, and insights they require to reduce risk and deliver food, medicine, and vaccines when and where they're needed," said Sarah Cooper, General Manager, IoT Solutions at Amazon Web Services, Inc. "This project, which combines Carrier's cold chain expertise with AWS's digital experience and unparalleled portfolio of services, highlights how entire industries stand to benefit from digital transformation through increased efficiency, reduced costs, and greater dependability."

Visit www.Carrier.com/Lynx to learn more.

About Carrier
As the leading global provider of healthy, safe and sustainable building and cold chain solutions, Carrier Global Corporation is committed to making the world safer, sustainable and more comfortable for generations to come. From the beginning, we've led in inventing new technologies and entirely new industries. Today, we continue to lead because we have a world-class, diverse workforce that puts the customer at the center of everything we do. For more information, visit www.Corporate.Carrier.com or follow us on social media at @Carrier.

About Carrier Transicold
Carrier Transicold helps improve transport and shipping of temperature controlled cargoes with a complete line of equipment and services for refrigerated transport and cold chain visibility. For more than 50 years, Carrier Transicold has been an industry leader, providing customers around the world with advanced, energy-efficient and environmentally sustainable container refrigeration systems and generator sets, direct-drive and diesel truck units, and trailer refrigeration systems. Carrier Transicold is a part of Carrier Global Corporation, a leading global provider of innovative HVAC, refrigeration, fire, security and building automation technologies. For more information, visit www.carriertransicold.co.uk. Follow Carrier on Twitter: @SmartColdChain and on LinkedIn at Carrier Transicold Truck Trailer Refrigeration.

About Amazon Web Services
For 14 years, Amazon Web Services has been the world's most comprehensive and broadly adopted cloud platform. AWS offers over 175 fully featured services for compute, storage, databases, networking, analytics, robotics, machine learning and artificial intelligence (AI), Internet of Things (IoT), mobile, security, hybrid, virtual and augmented reality (VR and AR), media, and application development, deployment, and management

from 77 Availability Zones (AZs) within 24 geographic regions, with announced plans for nine more Availability Zones and three more AWS Regions in Indonesia, Japan, and Spain. Millions of customers—including the fastest-growing startups, largest enterprises, and leading government agencies—trust AWS to power their infrastructure, become more agile, and lower costs. To learn more about AWS, visit aws.amazon.com.

<u>About Amazon</u>
Amazon is guided by four principles: customer obsession rather than competitor focus, passion for invention, commitment to operational excellence, and long-term thinking. Customer reviews, 1-Click shopping, personalised recommendations, Prime, Fulfillment by Amazon, AWS, Kindle Direct Publishing, Kindle, Fire tablets, Fire TV, Amazon Echo, and Alexa are some of the products and services pioneered by Amazon. For more information, visit www.amazon.com/about and follow @AmazonNews.

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