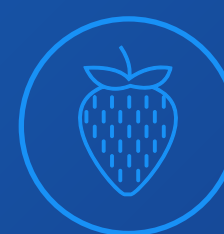




# LYNX

## The Connected Cold Chain

The cold chain is the logistics network that uses refrigeration to provide uninterrupted, temperature-controlled transport and storage of perishable goods from producer to consumer. It impacts human life every day – helping to ensure that the foods we eat reach tables around the world, and medications can be safely moved for patient use and clinical trials, all while helping to alleviate global hunger and reduce the environmental and societal impact of food waste. Carrier and AWS understand that reliable, accessible cold chain technology is vital to help preserve, protect and deliver foods and medicines; reduce food waste; and care for a growing planet.



**475** million tons of lost food could be saved with refrigeration each year

Source: International Institute of Refrigeration



Temperature-controlled logistics failures cost **~\$35 billion** annually in the biopharma industry

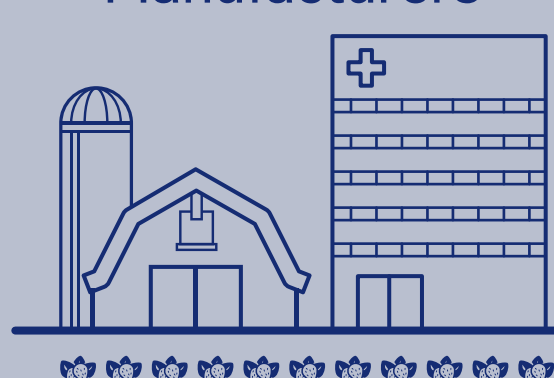
Source: IQVIA Institute

### THE OPPORTUNITY

Today's cold chain is fragmented with different providers and technologies at each stage of the supply chain, meaning limited visibility into the location, condition and handling of goods while en route and significant risk of temperature fluctuations from human error, equipment malfunctions and external events.



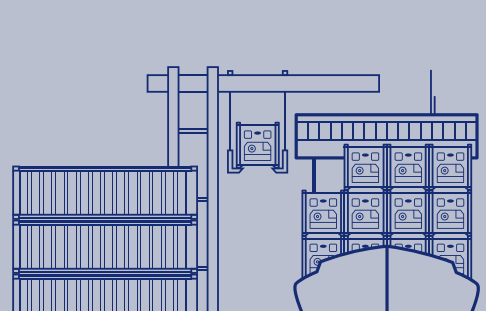
01. Growers & Manufacturers



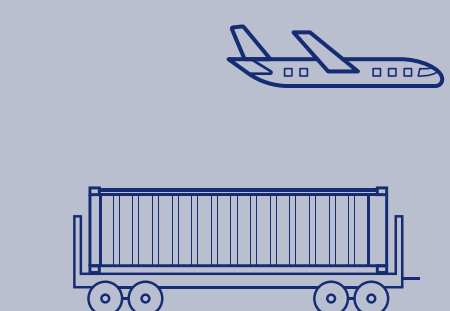
02. Truck Trailer



03. Container



04. Road, Rail & Air



05. Distribution Center

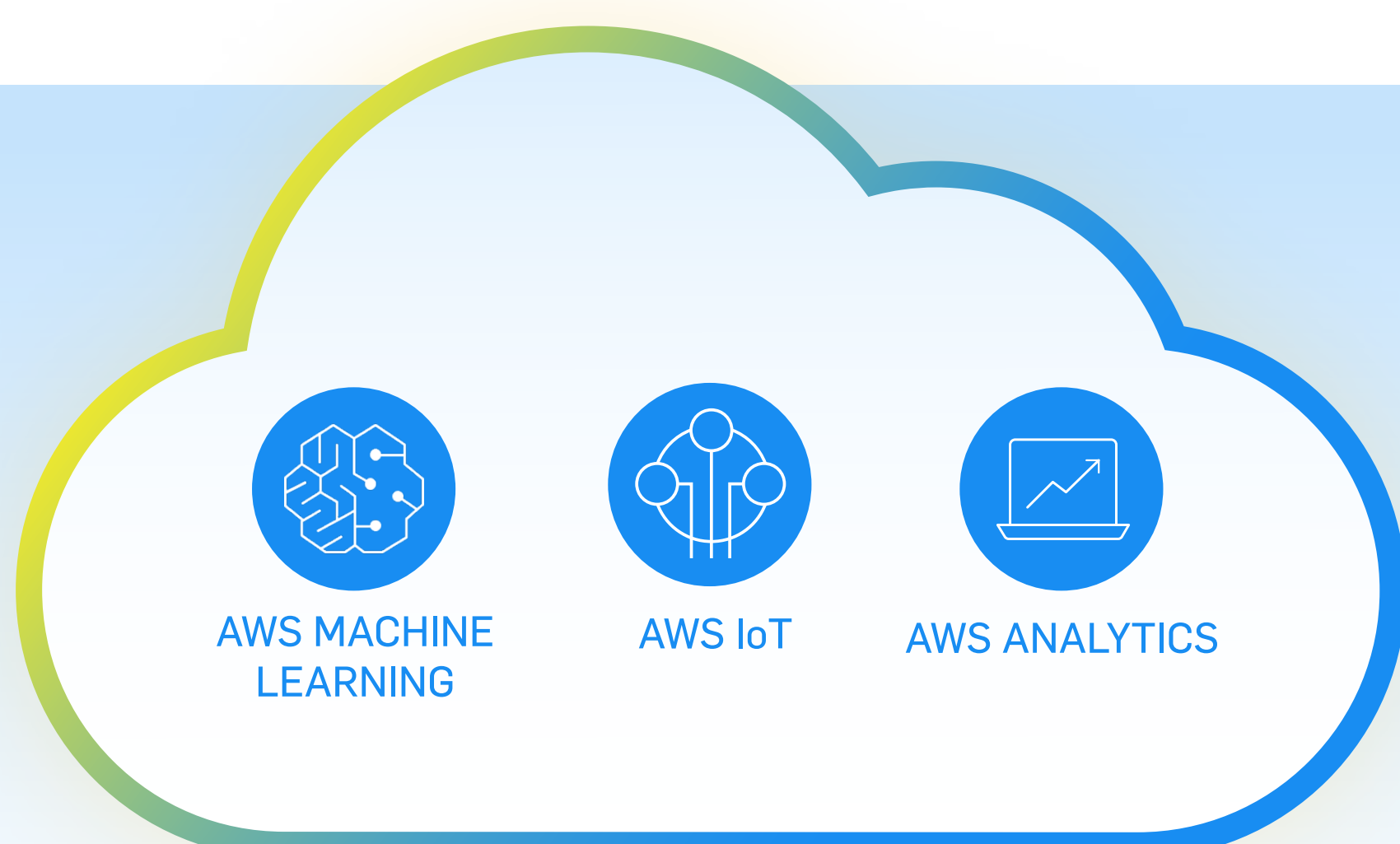


06. Local Delivery/ Last Mile



# LYNX THE FUTURE

Carrier's Lynx digital platform, developed in collaboration with AWS, will apply advanced IoT, machine learning and analytics technology to connect the cold chain in the cloud, automate key processes and deliver real-time visibility and insights throughout the cargo's journey. Lynx will help Carrier customers to optimize cold chain operations, decrease energy use and enhance outcomes with reduced costs, delays, cargo loss and spoilage in transit.



### LYNX DIGITAL PLATFORM BENEFITS:

- Logistics Performance
- Diagnostics & Prognostics
- Fleet Optimization
- Operations Cost Optimization



### THE OUTCOME

By enhancing visibility, resiliency, agility and efficiency in the cold chain, the cloud-connected Lynx digital platform will help reduce loss and support real-time decisions, helping to ensure that foods and vital medications safely reach people who need them around the world.



TEMPERATURE



LOCATION

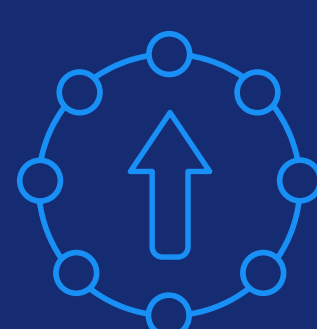


PERFORMANCE

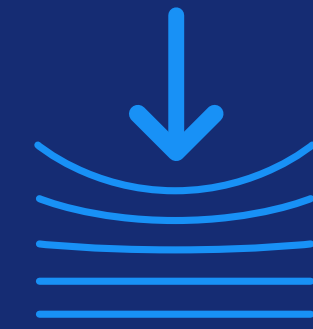
REDUCE FOOD & MEDICINE LOSS



OPTIMIZE SUPPLY CHAIN LOGISTICS



INCREASE RESILIENCY TO DISRUPTION



ENABLE ENVIRONMENTAL SUSTAINABILITY



END-TO-END SUPPLY CHAIN VISIBILITY, CONTROL AND INTELLIGENCE