For Immediate Release

Contact: Jon Shaw
+1-315-432-6442
jon.shaw@carrier.utc.com

Hamburg Süd Adds Carrier Transicold XtendFRESH™ Technology to Maintain Optimal Quality of Shipped Produce

SYRACUSE, N.Y., Sept. 9, 2015 – Giving produce exporters a better way to maintain the quality of perishables in transit, Hamburg Süd, one of the top refrigerated container carriers worldwide, recently added 400 refrigerated containers equipped with Carrier Transicold's XtendFRESH™ atmosphere control system. Carrier Transicold is a part of UTC Building & Industrial Systems, a unit of United Technologies Corp. (NYSE: UTX).

To slow ripening and help preserve produce quality, the XtendFRESH system actively manages oxygen and carbon dioxide levels within refrigerated containers and removes ethylene.

The new XtendFRESH systems have been placed into service in support of avocado exporters shipping from the west coast of South America to Asia, North America and Europe, according to Martin Schoeler, senior manager, Logistics-Technology, Hamburg Süd.

"Avocados are a significant market and initially will be the main target of utilization," Schoeler said, adding that banana exports beyond 30 days will also be able to benefit from the XtendFRESH system's capabilities.

"Ethylene removal is a unique feature of the XtendFRESH system that differentiates it from other systems and is definitely much desired by our customers," said Michaela Steineker, global reefer manager, Sales & Marketing, Hamburg Süd,

explaining that in collaborating with Carrier Transicold on operational tests, the shipping line stressed the importance of this capability in an atmosphere control system.

Prior to purchase, Hamburg Süd commissioned independent testing on the XtendFRESH system by Eurofins, using bananas in stationary trials and shipped from Latin America to Scandinavia, which verified the system's ability to help preserve the quality of perishable items. The produce was analyzed for appearance, freshness, water content and other attributes.

The 400 new XtendFRESH systems were factory-installed on PrimeLINE® refrigeration units equipped with Carrier Transicold's energy-saving EDGE technology package, all of which were mounted to 40-foot high-cube containers. EDGE stands for Enhanced Digital for Greater Efficiency and includes a set of design enhancements that improve upon the PrimeLINE unit's successful track record of energy efficiency. The EDGE option significantly reduces energy consumption for refrigeration beyond the low levels for which standard PrimeLINE units are known, helping Hamburg Süd achieve its sustainability goals.

"We are pleased to provide Hamburg Süd with innovative technology that enables them to expand their service offerings to customers," said David Appel, president, Carrier Transicold & Refrigeration Systems. "By helping to prevent premature ripening, the XtendFRESH system aids in maintaining optimum quality and shelf life of delivered produce while reducing the potential for food waste from spoilage."

The XtendFRESH system's ability to remove ethylene, while precisely managing oxygen and CO_2, is key to its performance and distinguishes it from other products for container atmosphere control. Ethylene is a hormone given off by ripening produce that accelerates ripening if left unchecked. A patented, self-regenerating activated-carbon scrubber assembly captures ethylene and controls CO_2 levels. As oxygen is consumed

by ripening produce, automated, on-demand fresh-air ventilation helps maintain the optimum level for the cargo inside.

With long experience in the transport of perishable cargo, Hamburg Süd ranks among the largest container carriers serving South America.

For more information about the XtendFRESH system, turn to the experts at Carrier Transicold or visit www.carrier.com/container.

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 40 years, Carrier Transicold has been an industry leader, providing customers around the world with the most 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 UTC Building & Industrial Systems, a unit of United Technologies Corp., a leading provider to the aerospace and building systems industries worldwide. For more information, visit www.transicold.carrier.com. Follow Carrier on Twitter: @SmartColdChain

###

Hamburg Süd has enhanced its perishable shipping options with 400 refrigerated containers equipped with Carrier Transicold PrimeLINE units with the XtendFRESH™ atmosphere control system.