



Your Guide to Maximizing Value in Your Fruit & Vegetable Supply Chain

Fresh produce ***must move efficiently*** and be handled with proper care to ensure maximum value with minimal food waste and loss (FWL).



Americold proudly provides customized supply chain solutions for growers, importers, and retailers around the globe. We help our customers feed the world with innovative solutions to process, protect, and preserve your products all the way to market with minimal loss. Read more to find out how.

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Reduce food loss and waste found in typical, non-optimized, U.S. supply chains

TACKLING TODAY'S PRODUCE CHALLENGES

For produce growers, importers, and retailers, the challenge of maximizing freshness means precise timing in getting to market before the prime selling or consumption window closes.

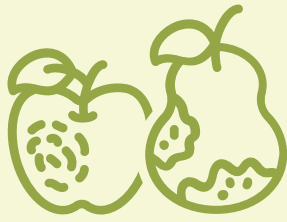
TO MAXIMIZE PRODUCT FRESHNESS AND SELLING TIME—EFFICIENCY IS KEY

From the moment fruits and vegetables are harvested, the freshness clock starts ticking. There are several stages the produce must pass through before it appears on a retail shelf or a

plate, and it's essential these stages are linked to maintain value.

During this timeline, produce can take a beating in the wrong hands, resulting in food waste and loss (FWL) that hurts your bottom line and ultimately our global food supply. According to the Coresight Research study, almost 50% of fruit and veggies produced each year end up wasted.¹ Carefully planned and optimized logistics can protect produce freshness and value, and ensure as much product as possible gets to market intact.

¹ <https://www.foodengineeringmag.com/articles/100704-food-loss-and-waste-its-everywhere-in-the-supply-chain>



Across the US, **25-30% of fruit and vegetables are lost due to poor handling** in a traditional produce supply chain.²

Americold has optimized solutions to minimize waste and maximize value.

Americold understands and is consistently innovating targeted solutions to address your toughest challenges, including:



Cold Storage Challenge
Changing distribution channels across a global marketplace

Americold Solution

We have multiple options including customized fulfillment solutions, delivering to nearly 99% of the US population in 2 days or less.



Cold Storage Challenge
Careful and minimized handling to protect product integrity.

Americold Solution

Integrated value-added services (within the cold-storage facility) maximize time in storage, and reduce the number of touches.



Cold Storage Challenge
Weather events can shift harvest seasons—making timing less predictable.

Americold Solution

Americold offers 24/7 support and scalability to receive, process, and deliver product with fluctuating volumes and timelines.



Cold Storage Challenge
Limited cold storage capacity in convenient locations along the supply chain route.

Americold Solution

With 240+ facilities across the globe, Americold's vast facility network can efficiently support your product's journey from start to finish.



Cold Storage Challenge
Technology to support visibility as product moves through the supply chain.

Americold Solution

Americold's advanced EDI and i-3PL solutions provide real-time analytics to track and report on your produce while in Americold's care.

² <https://comfyliving.net/fruit-and-vegetable-consumption-statistics/>



INNOVATIVE PRODUCE SOLUTIONS TO FIT YOUR CHANGING NEEDS

As one of the nation's largest cold storage facility networks, Americold can help you optimize your entire produce supply chain to preserve produce integrity, shorten delivery times, and maximize value. And as your needs evolve, Americold offers flexible, innovative solutions to help you to continue to exceed your customers' changing requirements.

Contact us online WWW.AMERICOLD.COM or email marketing@americold.com



Port Fresh facility at the Savannah, GA campus

A VAST GLOBAL NETWORK OF FLEXIBLE, RELIABLE COLD STORAGE FACILITIES

Wherever your route begins and ends, Americold has facilities to support your operation.

Features of our global network include:

- 240+ (and growing!) temperature-controlled warehouses that support ambient, chilled, frozen, and deep freezer capabilities
- Approximately 1.5 Billion refrigerated cubic feet of storage in North America, Europe, Asia-Pacific, and South America
- US Port Facilities on both coasts and the Gulf with access to existing and new markets
- Import/Export support services at the facilities including inspections
- Facilities dedicated to produce handling, including a full suite of value-added produce-specific solutions.
- Facilities along transportation routes to streamline the entire supply chain
- Densification of product to maximize warehouse space



PRODUCE-SPECIFIC INTEGRATED SUPPORT SERVICES

Key in-house, produce-specific, value-added services can be applied to your produce while it's with Americold, reducing touches, reducing chances for damage, and preserving value. No extra time. No extra transport. This is one strategy to optimize the supply chain and minimize both moves and touches. Americold has cold-storage facilities specifically designed to prepare and process produce inventory.

Having your produce transit through fewer vendors reduces the opportunities for damage, maintains the produce in the proper conditions, and preserves freshness.

Explore the long list of produce-specific, value-added services across Americold's produce facility network, including:

- Port Support - Customs, Inspections, Paperwork
- Room Freezing for Berry Harvests
- Cartonizing/Bagging
- Labeling & Repacking
- Cold Treatment
- Fumigation
- Retail Display Prep

E-COMMERCE FULFILLMENT SERVICES

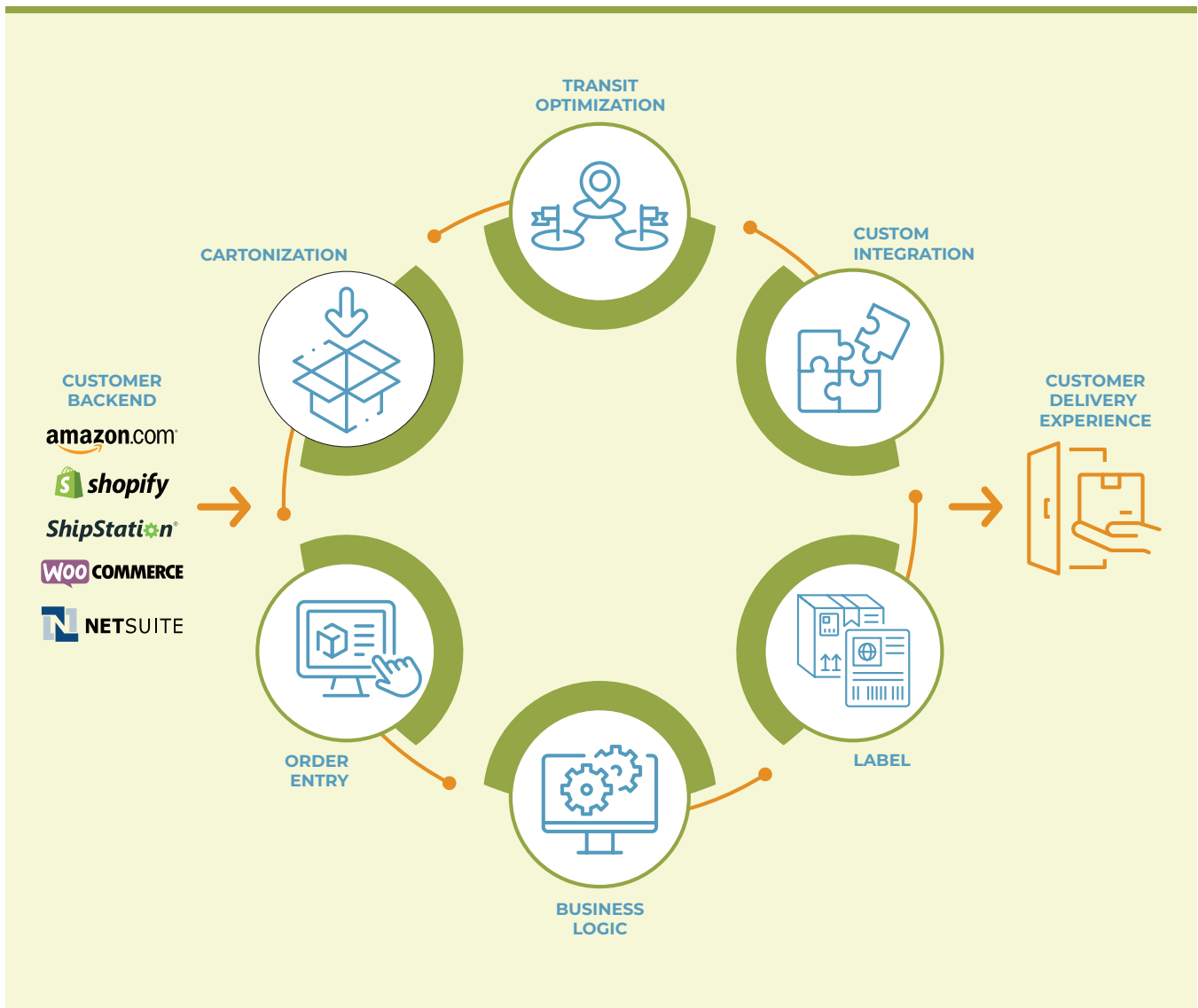
Americold's eCommerce services can manage all of your direct-to-consumer order volumes. We can even source packaging materials, dry ice, and gel packs if you need them, and pack orders to your specifications to ensure your customers experience receipt of your goods exactly as you intended.

Fulfillment support includes:

- Picking and packing
- kitting with additional sales collateral
- and one- or two-day shipping nationwide.

Our eCommerce services are supported by our integrated network for traditional temperature-controlled storage and a national transportation consolidation program for complete temperature-controlled supply chain support.

We're integrated with all of the major eCommerce platforms: Shopify®, BigCommerce, WooCommerce, ShipStation®. Our proprietary software manages all facets of the transaction to allow you to focus on promoting your products.





LEADING-EDGE SUPPLY CHAIN TECHNOLOGY AND INVENTORY TRACKING

Real-time visibility into product status data is essential for producers and retailers to know the location and condition of produce at all times, and to confirm everything is on track to arrive with customers, in great condition and at maximum value.

With 120 years of experience implementing temperature-controlled supply chain solutions, innovation is at Americold's foundation. We continuously innovate to remain the leading temperature-controlled supply chain services provider with technology solutions that keep you in control.



99.99% Up-time For Our Systems

Americold's systems' availability is unsurpassed, meaning dependable access and performance you can rely on.

INVENTORY VISIBILITY

Americold's [i-3PL Supply Chain Control](#) system offers direct visibility of your inventory across the entire Americold network, point-to-point, at every stage of production.

Comprehensive Control At Your Fingertips with i-3PL

With i-3PL you can create supply chain management efficiencies that save time and money. The i-3PL dashboard is a single-source tool for real-time information on orders, inventory, schedules, KPIs, and more – all easily accessed through any web-connected smart device.

- Access 40 different reporting options.
- Create customized alerts.
- Place new orders or change existing entries.
- Book pick-ups and deliveries with Online Appointment Scheduling.
- Place holds on specific inventory.
- i-3PL empowers you to make informed decisions based on real-time information and analytics, and all from your handheld smart device.

[Application Stack Integration for Efficient SCM](#)

Integrating Americold's SCM solutions with your own system means complete supply chain control with the tools and data sources you need to efficiently run your supply chain. Through i-3PL, you're interacting with some of the systems at the heart of Americold's operations:

- Americold's **Warehouse Management System (WMS)** is the epicenter of our

warehouse operations. It's our complete inventory management system and incorporates PR and voice-picking technology, auto task interleaving to maximize each trip into the cold environment. Shorter, better-prioritized trips equal greater efficiencies.

- **Labor Management System (LMS)** optimizes the workforce through insights on Associate productivity. This allows for accurate labor forecasting, reduced OT, and maximum cost-effectiveness.
- **Transportation Management System (TMS)** provides us with the most comprehensive national delivery network available – full truckload service for less than truckload pricing – making load-planning, scheduling and route-mapping easier and more efficient than ever before.
- **Warehouse execution system (WES)** streamlines processing and fulfillment as automated equipment takes instruction directly from WMS through WES.
- **EDI enterprise dashboard** provides complete visibility & control of data transactions.

DATA PROTECTION

Americold's data controls align with ISO 27002/2. We have implemented a comprehensive System Security Plan, monitoring processes, controls identification, implementation, and maintenance, as well as continuous improvement of security controls and risk management. We are dedicated to preserving your data as well as your fresh produce.



TRANSPORTATION SOLUTIONS INCLUDING PORT TRANSFERS AND CONSOLIDATION OPTIONS

Americold supports the logistics, processing, and transportation management of your produce at its origin and destination.

GROWERS

For growers, our integrated network of facilities and services offers comprehensive end-to-end support, including transportation and cold-storage conveniently located along your supply chain route to protect your product's freshness and integrity. We even have conveniently located farm-adjacent facilities to process and package freshly harvested produce.

IMPORTERS

For imports, we know that the first mile from the port is critical – it sets the stage for the miles to come, all the way to the shelf or plate. We also accommodate loads moving point-to-point (port, yard, warehouse, rail) before the final destination.

- Drayage support is fully integrated into Americold's transportation solutions
- Facilities within port heavyweight corridor routes at port facilities (with no permit required)
- Cross-docking with produce-specific bays to protect delicate product without delaying transfers

CONSOLIDATION

Product processing and packaging can happen in close proximity to farm or port facilities or can be transported to another location – to be closer to your product's end destination.

If your volumes don't warrant a full truck load, we offer consolidation programs so you only pay for the space you need.

[Consolidation options include:](#)

- Regional
- National
- Truckload
- Multi-Vendor

Whatever you need, wherever you need it, Americold has produce solutions and can help. We're here to support you with efficient opportunities for the long haul.





ENVIRONMENTAL, SOCIAL, AND GOVERNANCE (ESG) IN ACTION

Beyond the bottom line, Americold's commitments to greater efficiencies within the supply chain also support the UN's global initiative [SDG12](https://www.undp.org/sustainable-development-goals/)³ to "achieve economic growth and sustainable development through responsible consumption and production."

We all must do our part to ensure a better world for future generations. Americold is dedicated to serving as a value-added cold chain services partner, ensuring safety, reliability, sustainability, and minimal environmental impact. [Read more about Americold's ESG Objectives.](#)

Efficiencies support sustainability—it is all part of the global food supply solution.

³ <https://www.undp.org/sustainable-development-goals/>

ABOUT AMERICOLD

Fresh produce is essential to the health of us all. Maintaining freshness throughout the journey requires world-class support and efficient systems and service. With more than 240 facilities, integrated transportation, and an ever-expanding portfolio of value-added services, Americold is your premier partner for produce supply chain solutions.

We want to help you Feed the World. We're committed to Do Better for you.

TALK TO A COLD CHAIN EXPERT

Tackle Your Challenges with the Americold Advantage: Innovative Solutions Helping Our Customers Feed the World.

Talk to a cold-chain expert today. We are ready to listen and help you find the most effective solutions to build your most efficient produce supply chain.

[Talk with an Expert](#)

[Find a Facility](#)

[Get a Quote](#)





About Americold

Americold offers comprehensive warehousing, transportation, and logistics solutions for the food and beverage supply chain worldwide. We are dedicated to maintaining the integrity of the cold food supply chain and providing best-in-class service to our customers. We help our customers feed the world.

Connect with Us

Corporate Headquarters:

10 Glenlake Parkway, Suite 600, South Tower, Atlanta, GA 30328

Website:

www.americold.com

Sales Inquiries and general information:

marketing@americold.com

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