

Featured Partner: Armada



ABOUT ARMADA

Armada is a global supply chain and logistics management company based in Pittsburgh, Pennsylvania that creates innovative, fully integrated supply chain solutions that deliver competitive advantages and improve business performance for its clients.

Armada believes that there's a better way to run global supply chains—a better way rooted in simplicity, transparency and extraordinary service. By developing partnerships and collaborating with its clients and trading partners, Armada is changing the way supply chains are managed by creating smaller, smarter and more agile networks that adjust to the evolving demands of the marketplace.

Armada offers supply chain planning and engineering design services, warehousing and ReDistribution programs, and transportation solutions all executed through digital technology platforms.

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186,000
gallons
FUEL SAVINGS

WHY SMARTWAY?

Armada's corporate philosophy includes a commitment to build sustainable programs that enable a positive impact on its client's supply chains, organization, stakeholders and the environment. SmartWay has aided Armada in its ability to achieve those sustainability goals.

CARRIER COLLABORATION

More than 10 years ago, Armada joined SmartWay with a goal to identify carriers that share its sustainability goals. **Armada now requires all its carriers to participate in SmartWay.**

The foundation of Armada's carrier program is moving products in the safest, most economical, and fuel-efficient manner, which involves strategic thinking and planning. As part of its involvement with SmartWay, Armada uses the program as a platform to engage with its SmartWay carriers and share ideas on technologies and strategies that can help reduce emissions while meeting its delivery objectives.

TECHNOLOGY SOLUTIONS: MAXIMIZE TRAILER UTILIZATION, REDUCE DWELL TIME, AND ACHIEVE EFFICIENCY GAINS

Working with its carriers, Armada operates a trailer tracking system that has helped its clients achieve several gains in the efficiency of their supply chains. As part of this system, Armada works with its shipper clients to establish **minimum order quantities (MOQs)** that can help maximize and reach full capacity on its carrier's trailers.

Using MOQs, Armada can accurately measure trailer utilization rates and look for opportunities to maximize capacity and optimize shipping routes. Armada also uses compliance records on MOQs as a metric in Point of Sale systems and to analyze fuel consumption and emissions benefits. For example, in 2020, Armada's analyses of its MOQ compliance records show **annual reductions**, when compared to 2019, of more than **186,000 gallons of diesel fuel and four million pounds of carbon dioxide**. As well as the efficiency benefits, establishing MOQs also can help achieve significant cost savings.

Other successful shipping strategies include intermodal conversions that have increased Armada's average intermodal utilization year over year, and tighter transportation schedules that have **decreased dwell time** and **unnecessary idling**. Additionally, to help further reduce dead-head miles, Armada is currently employing a **digital freight matching** system.



LOOKING TO THE FUTURE: IMPLEMENTING SCIENCE-BASED TARGETS AND REDUCING ITS CARBON FOOTPRINT

In 2019, Armada set science-based targets (SBTs), which are goals a business develops to provide a clear route to reducing greenhouse gas (GHG) emissions. SmartWay's carrier data were essential in helping Armada develop these SBTs. Armada's SBTs aim **to reduce its company-wide GHG emissions by 40 percent** per short ton of goods outbound by 2030. Because Armada's company-wide emissions consist primarily of the supply chain or "Scope 3" support it provides to shippers, Armada's carrier base contributes about 94 percent of its carbon footprint. As a result, Armada places particular emphasis on **using high-performing SmartWay carriers to help the company meet its targets.**

WHAT'S NEXT

Moving forward, Armada looks to its relationship with SmartWay as a valuable resource as the company remains focused on serving its customers in the most sustainable way while strengthening its carrier relationships. Armada will continue to partner with SmartWay by implementing new and innovative strategies that will be integral to meeting its goals to reduce its carbon and other GHG emissions **reductions by 40 percent in 2030.**

40%

GHG Reduction

2030

Year Goal