



## Physical Logistics

Allegro's enterprise solutions enable companies to maneuver quickly and with confidence. Allegro efficiently manages large volumes of historical and real-time logistics data, revealing true costs and margins and displaying accurate positions at a glance. By automating logistics workflow, Allegro provides schedulers and other professionals advanced decision support tools, rapidly pinpointing optimal transport options from an array of complex choices.

### Overview

Allegro seamlessly moves product storage, physical processing and transport data into all related processes, from trading and settlement to financial reporting and regulatory compliance, driving efficiency across the enterprise. Full integration within logistics also means that users get up-to-the minute detailed and summary views of positions, locations, capacities, commitments, charges and product quality.

As a result, users can easily track and manage energy and commodity products from origin to final destination. Allegro solutions handle physical movement, processing, storage and delivery via transmission line, pipeline, vessel, barge, rail and truck. It captures tickets and performs shadow calculations in real-time to help ensure prompt, smooth settlement and avoid end-of-month surprises and resulting penalties.

For physical processing, Allegro helps companies address complexities such as managing multiple commodities and products. Companies can also allocate trade and production volumes, manage loss data from multiple actualization points, and track physical commodities and products from trade to final disposition — all within a single integrated platform.

Allegro also handles split volumes, product blending, fractionation products, intermodal shipments, multiple entities, and special requirements such as Canadian crude equalization. Tickets are automatically tracked and allocated to specific transactions. In order to optimize operations and profitability, all data and calculations flow through to Allegro's comprehensive reporting capabilities, so users can make decisions based on the best available information.

### Logistics and Inventory Management

Allegro ensures that logistics professionals base decisions and actions on best available data at all times, including volumetric, product quality, shipment status, cost and location data. Additionally, Allegro integrates logistics with financials from data capture through scheduling, settlement and financial reporting and compliance.

- **Integrates and updates all the information for bulk cargos.** Captures details associated with product movements including taxes, fees, events, agents, inspections, truck/rail/vessel status, and product quality.
- **Automatically applies taxes and fees to ensure accurate pricing.** Calculates applicable fees, including discharge fees, loading fees, and other user-defined fees and taxes along with applicable tariffs, fees and third party costs.
- **Automates positions and balances for quick, effective decisions.** Allows matching of supply volume (including purchases, inventory and production) to market volume (including sales and consumption).
- **Integrates tickets to manage complex pickups and deliveries.** Captures truck run tickets and pipeline tickets including load and delivery volume and date, and actualizes scheduled volumes according to tickets.

Risk Management  
Commodities Trading  
Physical Logistics  
Regulatory Compliance

- **Integrates scheduling and shipping via vessel or barge.** Manages complexities of product movement over water, including all documents, fees and regulations.
- **Streamlines valuation and actualization.** Automatically performs cargo valuation, using best available data including trade price, demurrage, applicable tariffs, fees and allocated third party costs.
- **Integrates shipping documentation into logistics.** Accesses external systems to display documents such as bills of lading, notices of readiness, and inspection reports.
- **Simplifies demurrage to speed settlement with accurate cost data.** Calculates demurrage fees and allows rates to be set by amount or rate for an entire shipment or for each location.
- **Manages coal stockpiles more efficiently.** Captures and manages positions based on stockpiles and calculates qualities based on pile level, and pile makeup.

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### Pipelines

From selecting a carrier to nomination to actualization and settlement, Allegro automatically takes into account contract terms, counterparty credit, best available data, and associated fees, tariffs and other costs.

- **Integrates scheduling with related information for managing complex pipeline movements.** Enables schedulers to view traded volumes of NGLs, crude oil and refined products as soon as traders enter deals, and allows them to view scheduling activities by counterparty, location or pipeline.
- **Tracks quality data and automates pricing and actualization.** Captures and tracks all associated quality data and automatically calculates price adjustments according to user-defined penalty and premium rules.
- **Integrates with contracts, settlement and financial journals.** Allows users to drill down to view contract information at any level of detail and automatically applies contract information for pricing.

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### Physical Processing

Allegro helps companies address the complexities that oil and gas, refining and petrochemical businesses face in managing operations such as refining, fractionation, blending, re-branding and related actualization.

- **Supports processing decisions and activities with integrated views at any scale and level of detail.** Supports processing of compound products and refining processes such as fractionation, blending and re-branding at any processing location.
- **Automation and streamlined tools make physical processing management more efficient.** Captures all quality data and related documentation associated with procurement, transport, processing and marketing enabling users to readily determine production forecasts for market or feedstock requirements for supply operations, based on desired production schedules.

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