



Risk Management  
Commodities Trading  
Physical Logistics  
Regulatory Compliance

## Natural Gas 8.1

### A Comprehensive Solution for Natural Gas Logistics

Natural Gas professionals are increasingly challenged to find better ways to easily manage all physical natural gas positions and movements, stay on top of daily imbalances and avoid pipeline penalties and unnecessary losses. Schedulers must optimize workflows and create efficiencies to collaborate more effectively with traders ensuring that each morning's nominations are submitted in a timely manner.

#### Product Overview

Allegro's Natural Gas 8.1 component offers an integrated solution to provide real-time position visibility and tools to manage natural gas scheduling and storage management. This component enables customers to easily manage scheduling with customizable Electronic Bulletin Board (EBB)-like views, create and manage detailed storage plans, handle event based park-and-loan contracts and comprehensively manage imbalances. Allegro also fully integrates scheduling and transport management with trading, accounting, reporting and regulatory compliance, enabling workgroups throughout the enterprise to work in-sync and deliver efficient results that benefit the bottom-line.

Features	Benefits
Natural Gas Scheduling	Easily manage and view physical natural gas supply, market and inventory positions for simplified natural gas scheduling
Natural Gas Pathing	Point and click or drag and drop technology to easily match natural gas positions, select transportation contracts and create paths
Storage Management	Capture storage contracts and easily generate and track storage plans to automatically adjust and account for Maximum Daily Quantities, storage ratchets, capacity release and more to ensure proper storage valuation and settlement
Park and Loan Management	Efficiently manage event based Park and Loan (PAL) service contracts
Natural Gas Pipeline and Service Maintenance Management	Seamlessly capture pipeline details such as Shipper accounts, points, zones, segments, Operational Flow Orders (OFOs), pipeline maintenance schedules, capacity release of both transportation and storage and service rates and automatically incorporate them into the calculation of associated fees and losses
Pipeline Imbalance Management	Comprehensive view to manage gathering and main-line pipeline imbalances to best avoid cash-outs and penalties
Natural Gas Actualization	Account for and settle pipeline contracts to ensure accurate settlement

**Business Case**

Allegro Natural Gas 8.1 provides the ability for schedulers to view traded volumes of natural gas as soon as traders or marketers enter deals. The customizable Electronic-Bulletin-Board-like views allow schedulers to sort and filter scheduling activities by counter party, pipeline or point. The component helps schedulers manage the entire nomination process and supports forecasted, planned, nominated, scheduled, and actual gas volumes automatically utilizing best available volumes for accurate reporting.

Optimizing natural gas scheduling requires comprehensive views of available volumes, pipeline capacities, inclusive of capacity release for both transportation and storage and service related data. Allegro presents information in an easy-to-use format, enabling schedulers to make quick decisions for both gathering and mainline pipelines. Schedulers can easily view inventory volumes, long and short positions and net volumes to determine if they are balanced at trading points, pools and hubs. With a simple drag and drop or point and click, they can match supply volumes (including purchases, inventory and production) to market volumes (including sales, inventory and consumption) and create paths for nomination quantities submitted to pipelines. The component automatically assigns the appropriate tariffs and fees, such as transportation capacity, gathering, and storage fees as well as automatically calculates any fuel loss associated with the movement. To support quicker, more confident decisions, tools such as multiple-position scheduling further streamline workflow, making it easier to nominate volumes within daily deadlines. Professionals can arrange screen displays exactly as needed, such as for viewing positions by pipeline point, to help ensure personal best performance.

Allegro's Natural Gas 8.1 storage management allows users to easily create and manage storage plans within the system. Users can create storage plans incorporating Maximum Daily Quantities (MDQs) as well as set tolerances which when tied with Allegro's Workflow capabilities notifies appropriate parties when tolerances have been exceeded.

Because of Allegro's open architecture, Natural Gas 8.1 seamlessly integrates with the Settlement component to validate demand fees, commodity charges and other fees for transportation, storage and event based park and loan. It also integrates with the Net Valuation component for calculating net back and net forward inventory valuations for optimizing the overall gas portfolio and the LNG component for those companies who manage LNG facilities and transactions.

Allegro software solutions do what traditional methods cannot: they put greater control in professionals' hands by integrating information and automating workflow. Allegro also integrates pipeline contract terms and tariffs, reducing risk by generating instant alerts if nominated volumes or actuals approach tolerance limits. Traders and transport managers view current information at the same moment schedulers do, eliminating costly delays and enabling tighter collaboration to improve bottom-line results

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