

The easy-to-use optimization platform that maximizes margins for energy companies.



Optimization Platform

capSpire's optimization platform aggregates data from multiple systems to help companies optimize inventory levels and plan for multiple supply/demand scenarios. The solution can help companies handle widespread variability in the supply chain and achieve increased margins by improving strategic and tactical decisions.

Supply and Trade Optimization



Our platform will help you make better decisions faster and with a higher level of confidence by providing you with the information you need to:

- Make informed buy and sell decisions
- Understand and identify location spreads
- Maximize the value of your blends
- Easily identify the most profitable supply and demand options
- Identify time spreads and contango opportunities

Transport and Schedule Optimization

The platform optimizes the nomination process by generating daily, weekly, and monthly play-by-play operational schedules that satisfy contractual constraints and maximize profits.

- Evaluate all transport methods including pipeline, rail, truck, barge, and vessel
- Create suggested schedules that optimize logistics decisions across transport methods
- Understand the impacts of shipping delays or cuts to nomination volumes
- Optimize your fleet sizing by giving you visibility into railcar, truck, and vessel requirements based upon your supply and demand scenarios

Inventory Optimization



You invest strategically in your storage assets. Whether you want to better capitalize on those assets or analyze the impact of adding new assets, the platform shows you the P&L impact so that you can make the most profitable decisions.

- Identify optimal safety stock levels
- Easily understand inventory rundown reports with quality averages and constraints
- Evaluate new storage location options
- Optimize blending scenarios and understand inventory quality levels throughout your planning horizon

Simulation and What-if Analysis



The solution allows you to run scenarios through the simulation and optimization engine. The result is real-world, profit-optimized, play-by-play plans for your strategic, annual, and daily operational decisions.

- Simulate changes in market conditions (supply, demand, and prices)
- Quickly understand react to impacts of new assets or contract changes
- Deliver what-if analysis for new contracts, storage facilities and transport options
- Interpret the economic impact of various scenarios using easy-to-understand dashboards
- Run best, likely, and worst-case scenarios to create risk-mitigation plans that help you prepare for change

Integration Tools

The platform easily integrates with leading E/CTRM systems, transportation solutions, and inventory management platforms to consolidate data quickly.

- Integrate existing data from other source systems to avoid keying in data again for the purposes of optimization
- Augment data in an easy-to-use Excel interface that is integrated with our core model and tag data so that it can be seamlessly integrated with other sources
- Quickly identify and correct gaps in your data using extensive validation routines
- Easily handles growing data volumes and integration points



“capSpire’s Lease Crude Optimization solution enables our organization to improve margins by making better strategic and tactical decision.”

- Mike Rosebush, Pacer Energy Marking’s Director of Technology

Benefits

- Boost profitability by 10% or more
- Take your scheduling capabilities to the next level
- Maximize asset utilization
- Identify the best options with higher accuracy before making investment decisions
- Rely on the system to uncover opportunities that would be hard to find manually
- Improve reporting and visibility into operating costs for your supply chain
- Enhance team collaboration
- Increase the accuracy of scheduling data
- Use look-back capabilities to identify opportunities for improvement of future plans

capSpire provides the unique combination of industry knowledge and business expertise required to deliver impactful business solutions. Trusted by some of the world’s leading companies, capSpire’s team of industry experts and senior advisors empowers its clients with the business strategies and solutions required to effectively streamline business processes and attain maximum value from their supporting IT infrastructure. For more information, please visit www.capspire.com.