



RIVERLOGIC

Real decisions. Optimized.

VALUE CHAIN OPTIMIZATION (VCO) SOLUTION



SUPPLY CHAIN LEADERS FACE INCREASING PRESSURE TO RESPOND ACCURATELY TO COMPLEX QUESTIONS FASTER FROM A GROWING ARRAY OF STAKEHOLDERS.

FROM LEADERSHIP

- What is the real capacity of the end-to-end network?
- How to support medium/long-term growth? What elements of the business model to own vs. outsource?
- What are the cost and risk trade-offs across different on/near/off-shoring strategies?
- Which potential disruptions pose the greatest risk?
- How to get confident answers to these questions within an agile time-frame?

FROM THE CFO

- How much and where to deploy capital? What are the main capex/opex trade-offs?
- What is the impact from 5% lower working capital?
- What value chain moves most improve margins – across footprint, policies, product/customer mix, etc.?
- How to achieve lower CO2e emissions? What is the cost?
- What is the P&L and cash-flow impact of different strategies?

FROM SUPPLY CHAIN COLLEAGUES

- Where are the bottlenecks in our system?
- What to manufacture, where? How much capacity to run?
- How to improve the flow-path and WH configuration?
- Where/when to pre-build inventory?
- Where are investments needed and how to justify them?
- How to optimally balance across service levels, cost and margin objectives?

FROM COMMERCIALS & PROCUREMENT

- Which products, channels and/or customers drive highest margins?
- Where might there be shortages?
- What type of supplier contract best suits our SC strategy? Are there risks and country of origin constraints?
- How to optimally allocate volume to suppliers?



Many supply chain leaders rely on fragmented spreadsheets or simplistic network design templates to tackle these complex questions.

These traditional tools limit their analysis to logistics functions and cause them to make assumptions about other aspects of their business. The result is a series of siloed models that fail to accurately reflect the reality of the end-to-end business, — leading to a series of half-answered questions and counterproductive strategies that can cost millions.

None are satisfied with the result.



River Logic's Value Chain Optimization solution empowers business leaders to seamlessly evaluate physical, commercial, and financial factors in a unified model.

Make informed choices, optimize target functions, and quantify what's feasible and optimal.
Unlock the power of holistic data-driven decision-making with VCO.

Say goodbye to disconnected, spreadsheet-based models that leave critical assumptions to chance and millions on the table.



End to End
Strategy +
Financial
Scenarios



Capacity
Planning



Business
Continuity Plan
& SC Risk



Sustainability
Strategy



Production
Strategy



Network Design



Product/
Customer
Profitability

VALUE CHAIN OPTIMIZATION SOLUTION (VCO)

Evaluate physical, commercial and financial factors to optimize different target functions through data-driven scenario analyses.

1

Logistic Network Design

- Warehouse location/ expansion/closure
- Inbound/outbound distribution flow-paths/ policies
- New Product Introduction and channel analyses
- Inventory and working capital requirements

2

End-to-End Value Chain Optimization

- Manufacturing footprint, capacity planning, near vs. off-shoring
- Make vs. buy, production allocation, inventory planning
- Supplier contract negotiations, volume allocations
- Sustainability - CO2e objectives, constraints

3

Strategy & Financial Planning

- Product/customer profitability, customer segment priorities
- Financial forecasts, including transfer costs, roll-ups, taxes
- Financial constraints, Capex/Opex allocation, financial objectives
- Business Continuity Planning scenarios

THE BUSINESS IMPACT

- **5-10% NVP**
- **10-100% Operating Profit Improvement**

**Understanding
of Performance
Drivers & Risk**

**Agility and
Lower Effort**



RIVERLOGIC

Real decisions. Optimized.

Discover how you can seamlessly optimize all critical aspects of your Supply Chain strategy - **Logistic Network Design, End-to-End Value Chain Optimization, Strategy & Financial Planning** - within a single, game-changing model.

Schedule your demo NOW and experience the future of intelligent decision-making!

Click here to learn how Eco Material Technologies is leveraging VCO to maximize the value of their business!

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