

s Docking, Optimization model building, Benchmarking, SCOR, Balanced Scorecard Business Process Reenginee  
(R), Enterprise Resource Planning (ERP), Electronic Data Information (EDI), Cycle Time to Market, Vendor Mana  
Inventory (VMI), Collaborative Planning Forecasting and Replenishment, Standard Operating Procedures, Continu  
enishment Program, , Customer Relations Management (CRM), Postponement, Reverse Logistics, Business Logis  
in-time (JIT), Center-of-Gravity Approach, distribution network modeling, demand forecasting, Performa  
surement, , Mathematical Modeling, Warehouse Management System, Inventory Management, Distribution Cent

V | C | S

*...competing through supplychain*

Our principals and professionals are business people in the business of helping other businesses. But in whatever capacity we serve your company, we never lose sight that behind hard numbers or tough decisions there are men and women, families and communities, and that compassion for them is at the heart of what we do.

# A BUSINESS IN THE SERVICE OF BUSINESS

The dedication to delivering world-class customer service and satisfaction, the strength, vision and viability to be a long-term business partner, and, the commitment to place our customers at the center of everything we do, is what defines VCS.

For our customers our solutions mean reducing costs and inventories, enhancing service, increasing capacity utilization, improving transparency in planning processes, increasing planning reliability and improving bottom-line.

VCS provides Decision Support Systems and Business Intelligence tools, worldwide. VCS develops revolutionary business analysis solutions for a changing workplace. Our customers and partners are companies of all sizes and industries and end-users include everyone from IT analysts and CEOs to sales forces out in the field and production managers on the line. Each has a unique need for information; seeking an affordable and easy-to-use DSS & BI tools.

VCS helps hundreds of thousands of people in every industry make better business decisions, streamline performance, and improve their bottom lines. VCS offer solutions on various aspects of supply chain design, implementation and execution, which involve demand forecasting, end-to-end supply chain optimization, distribution network modeling, business process re-engineering, warehouse & distribution design, SOP preparation and developing management dashboards.



<b>DSS Tools</b>	<ul style="list-style-type: none"><li>• e-cubix</li><li>• C-LOGIX</li><li>• Z-axis</li><li>• What's best 9.0</li><li>• GAMS</li></ul>
<b>SCOR Implementation</b>	<ul style="list-style-type: none"><li>• SCOR Training</li><li>• SCOR Implementation</li></ul>
<b>Model Building</b>	<ul style="list-style-type: none"><li>• Demand forecasting</li><li>• Procurement Optimization</li><li>• Logistics optimization</li><li>• Supply chain simulation</li><li>• CAPEX Justification</li></ul>

We built a business by helping other businesses fulfill their potential. These businesses operate across a wide range of industries and include private and public companies, as well as closely held and family-owned businesses.

# PROFESSIONAL SERVICES CONCEIVED FROM A BUSINESS' POINT OF VIEW

The solutions are driven by Supply Chain Council's SCOR model and the concepts developed by APICS to build supply chain efficiency, agility and responsiveness. Our solutions are web based with optimization and simulation capabilities. For a full list of the businesses we serve and our complete service offerings, please visit our website at [www.valuechain.co.in](http://www.valuechain.co.in)

## e-cubix

e-cubix delivers greater control of your organization's performance with its powerful visualization of lagging as well as proactive leading performance indicators. With this web based performance measurement tool you can visualize the data in the most meaningful way and can take action in time.

## c-logix

c-logix is a logistics optimization solution to minimize total cost-to-serve and maximize profit. It generates optimal logistics plan, build and compare different scenarios and develop waterfall analysis to unearth the reasons of deviation from the optimal plan.

## SCOR Implementation

The Supply-Chain Council has developed and endorsed the Supply Chain Operations Reference-model (SCOR) as the cross-industry standard for supply chain management. Using SCOR can help you identify and implement the changes needed to develop a world-class supply chain. Process reference model integrates the well-known concepts of business process reengineering, benchmarking, and process measurement into a cross-functional framework.

## What's Best 9.0

What's Best is an add-in to Microsoft Excel that allows building large-scale optimization models in a free form layout within a spreadsheet. What'sBest combines the proven power of linear, nonlinear and integer optimization with Microsoft Excel - the most popular and flexible business-modeling environment in use today.

## Z-axis

Z-axis is a comprehensive tool that helps customers in the distribution business and distribution-related sectors of manufacturing industries to decide on plans for merging or relocating existing warehouses and plans for introducing new warehouses. Z-axis locates the best location for a new warehouse to ensure best service levels keeping the costs under control.

## Model Building Services

A model is a decision support system and is a conversion of a business situation into a set of mathematical expressions. We build models to meet a specific client objective like minimization of distribution cost, product allocation, maximization of profit through price adjustment etc.



Z-axis



## GAMS

The General Algebraic Modeling System (GAMS) is specifically designed for modeling linear, nonlinear and mixed integer optimization problems. The system is especially useful with large, complex problems.

# SUPPLY CHAIN STORYBOARD

## SAMPLE RESULTS ...

- Saved USD 650,000 in one year by realigning distribution pattern using VCS proprietary mathematical model for a Sri Lankan company
- Achieved a saving of USD 3,750,000 p.a. by redesigning distribution network for a Indonesian company
- Improved Supply Chain efficiency and identified improvements worth USD 5,600,000 over a period of three years by implementing SCOR for a Sri Lankan company. It achieved 87% of the savings in three years.
- Implemented EBITDA maximization model resulting into a saving of USD 617,900 p.a. for an Indian company
- Achieved a saving of USD 1,235,000 p.a. by operational initiatives and additional USD 3,000,000 by strategic initiatives for an Indian company by minimizing total cost-to-serve from five plants to different micro markets
- Developed a tool for optimization of Production and Distribution including inter unit shipping for a Vietnamese company ensuring material availability and cost reduction of USD 3,500,000 p.a.
- Built an integrated approach between an Indonesian company and its supplier to arrive at optimal freight rates which are logical and acceptable to both the parties resulting into a cost reduction of USD 500,000 p.a.
- Identified opportunities for improvement with a saving potential of USD 15,440,000 over a period of three years by implementing SCOR for a Thai company.
- Improved delivery performance by 35% to 65% for key customers for a Thai company

EVERY ORGANIZATION IS IMPACTED BY THE SUPPLY CHAIN. EVERY ORGANIZATION HAS ONE

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