

Supply Chain Analytics

Supply Chain Meets Analytics



RESEARCH2SYSTEMS
— FROM INSIGHTS TO ACTION —

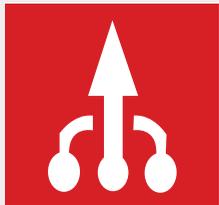
Supply Chain with Analytics – Greater Visibility. Better Results

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For businesses to stay competitive and be in a position to satisfy the varied customer expectations, it is highly essential to have greater supply chain visibility. And, when Supply Chain meets Analytics, this becomes possible!

Supply Chain Analytics is gradually becoming a quintessential aspect of better business management. Choosing the right suppliers and having effective sourcing and procurement processes in place, help organizations to ensure that they will have the required products, in times of need. Likewise, a good supply chain will make it sure that the production doesn't suffer and logistics and service management work effectively. After all, the bottom line is to keep the customers satisfied!

The Value Chain



Suppliers



Procurement



Production



Logistics / Distribution



Service Management



Customers

When it comes to having an effective supply chain, depending on analytics is indispensable in this day and age. Handling supply levels and negotiating with suppliers is certainly a hard nut to crack in the absence of data – Data which is relevant, easy to understand and easily accessible!

Research2Systems understands the need of a successful supply chain management process. With our SCM Analytics solutions, we help businesses to have quick access to the key supply chain information. Our tools and methods are so designed that extracting and evaluating supply chain data to identify potential opportunities and attain greater operational efficiencies, become a possibility!

With wide ranging expertise in the Big Data industry, Research2Systems helps businesses to optimize their processes and improve supply chain visibility, which in turn leads to better vendor management and offers critical business information to the companies.

Supply Chain Analytics, in itself, is a comprehensive tool for all businesses. It not just helps in gathering, contextualizing, analyzing, presenting, and disseminating supply chain information, but it also helps in reducing operational costs, enhancing customer satisfaction and gaining key insights into the customer preferences.

Thus, needless to mention, Supply Chain Analytics has become a Strategic Differentiator today and companies need it to get a competitive edge in the industry!

Supply Chain Analytics – Key Areas of Opportunities

In the New Age Economy, solutions like Supply Chain Analytics play a very big role in making a business successful. It is through the various uses of SCM Analytics that streamlining processes and improving operational efficiencies is no longer a difficulty.

Supply Chain Analytics plays a great part in realizing various opportunities that span across Demand Forecasting, Promotion Management, Inventory Optimization, Procurement Spend Optimization, Warranty Management, Cost to Serve Optimization and Network/Route Optimization, Spare Parts Optimization and Total Cost of Ownership.

■ Demand Forecasting

Demand Forecasting helps in improving service levels and customer satisfaction along with optimizing the process of planning, as well as reducing inventory. Tools like SAS/ETS are used in Demand Forecasting.

■ Promotion Management

Promotion Management assists business organizations in the following ways:

- To predict the returns on promotions
- To provide outcomes on nature of promotions to be executed, period in which to be executed, and particular customer segments against which they are required to be executed.
- To determine the best promotional plans to improve revenues and margins
- To reduce inventory and promotional costs

Llamasoft, iTop, SmartOps, IA are the tools that are employed in Promotion Management.



Demand Forecasting



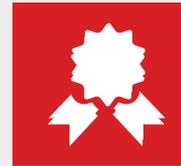
Promotion Management



Inventory Optimization



Procurement (Direct and Indirect items)
Spend Optimization



Warranty Management



Cost to Serve Optimization and
Network/Route Optimization



Spare Parts Optimization



Total Cost of Ownership

■ Inventory Optimization

Inventory Optimization helps in a number of ways. Some of these are:

- To reduce inventory
- To improve customer satisfaction, margins and revenues
- To improve and/or sustain customer service levels at lower total supply chain cost

Tools like iTop, Llamasoft, Smartops, IA are used in Inventory Optimization

■ Procurement Spend Optimization

Procurement Spend Optimization enables firms to achieve the following benefits:

- Procurement Items (Direct and Indirect) Consolidation and Rationalization
- Procurement Spend Management
- Changes in Agreement, Contracts Business Rules & Parameters

Procurement Spend Optimization makes use of tools like Consulting Approach.

■ Warranty Management

Warranty Management analytics helps firms in:

- Issue detection and resolution (detection to correction lead time reduction)
- Improvement in processes
- Reduction in Warranty Costs

SAS Warranty Data Management is usually employed in Warranty Management Analytics.

■ Spare Parts Optimization

Spare Parts Optimization helps firms to optimize their spare parts operations leading to the following benefits

- Inventory reduction and effective ageing management
- Reduction in stock out
- Reduction in VOR
- Increased service levels

In Spare Parts Optimization tools like the IOM Model are used to get effective results.

■ Cost to Serve Optimization and Network/Route Optimization

Cost to Serve Optimization and Network/Route Optimization help firms in the following ways:

- To reduce cost to serve
- To reduce transportation costs
- To reduce the lead time
- To increase service levels

Llamasoft, CAST, LNP, and Excel based COG tools are used in Cost to Serve Optimization and Network/Route Optimization.

■ Total Cost of Ownership

Total Cost of Ownership assists firms to reduce their total cost of ownership, leading to the following benefits:

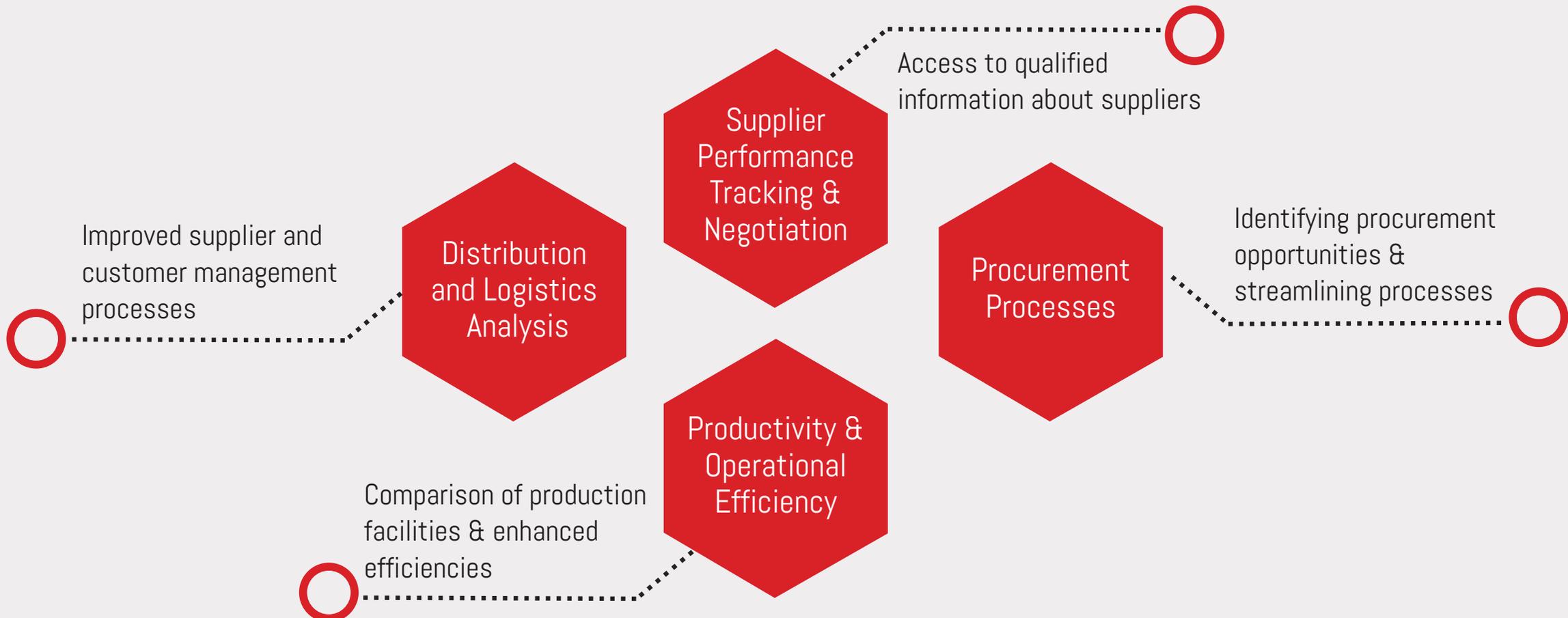
- Reduction in cost to procure, serve, dispose, order management and fulfillment
- Better understanding of the significance of every cost element
- Enhanced decision making capability

Consulting Approach is used to arrive on TCO.

SCM Analytics – The Rise of the Supply Chain

For any business organization, having a well-managed and well integrated supply chain is a dream. But with the coming of SCM Analytics this dream has turned into a reality for many. With these efficient and highly productive solutions that are designed to deliver great business results, organizations can actually enjoy several advantages.

SCM Analytics, as a strategic tool, can give you several benefits to reap. It's because of these core benefits alone that the focus on supply chain analytics has risen by leaps and bounds in the past few decades. Some of the advantages that Supply Chain Analytics offers are:



■ Improved Supplier Performance Tracking & Negotiation

When data analytics comes into picture, you get better information and details about the different suppliers who are there in the market. With the help of SCM Analytics, businesses can reduce their supplier management costs by optimizing the processes that are involved in supplier identification, meetings and negotiations. By tracking and analyzing supplier performance, SCM Analytics helps businesses to decrease the risk of material shortages. Besides this, when accurate information about the performance of the suppliers is available, choosing the right suppliers and negotiating with them on lower payment deals, becomes a possibility.

■ Superior Procurement Processes

SCM Analytics assists business organizations in analyzing their procurement spend across the various business areas. With the help of right data and analytics solutions, identifying better procurement opportunities and streamlining the procurement processes becomes possible.

■ Increased Productivity & Operational Efficiency

With the assistance of SCM Analytics, companies can compare their production facilities and track their performance in a better manner. This results in greater productivity and maximizes efficiency across the departments. Thus, enhancing production and operational efficiencies becomes a reality when OEMs or other business concerns adopt expert SCM Analytics solutions.

■ Better Distribution Analysis

For any business organization, logistics means a lot. When distribution facilities are in sync with the other operations of the organization, achieving better results and improving customer service levels becomes easy. SCM Analytics helps businesses to improve their supplier and customer management processes by keeping a track of the distribution mechanism.

With the various SCM Analytics offerings available in the industry today, it has become possible for many businesses to experience these advantages and many more – thereby, climbing the ladder of success, swiftly & excellently.

Research2Systems SCM Analytics – WE Talk Results

Research2Systems offers value-added solutions to contemporary business organizations. We help them build a strong competency based on their supply chains. With the expert SCM Analytics offerings that we provide, businesses can easily have access to insightful supply chain and procurement data, which can help them to evaluate and restructure processes to improve their value chains.

Research2Systems' SCM Analytics solutions provide:

■ Procurement Expertise:

With the wide ranging knowledge of our industry experts, you will be in a position to gain great competence in your procurement processes. It becomes easier to recognize as well as unravel the complexities that you may have to face in your procurement processes, when you have the expertise of professional and advanced SCM Analytics with you.

■ A Complete Package

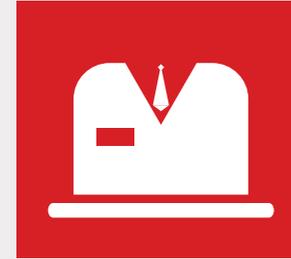
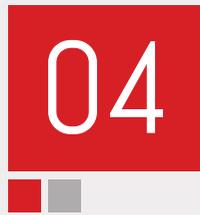
We aim to deliver you a complete Supply Chain solutions package with our wide ranging service offerings in SCM Analytics. With expert analytics driven services of Research2Systems, you can easily attain improved business results and enhance the operational efficiency of your business enterprise.

■ Inventory Tracking

When you understand the various levels involved in your supply chain and get detailed reports about them, you are able to track and determine the level of inventory and better manage it to get optimized results.



Advanced Technology
& Tools



Smart Business Decisions



Success Driven Solutions



Proven Track Record in Analytics



SCM & Big Data Knowledge

■ Worldwide Reach

At Research2Systems, you get the right blend of skills & knowledge, cutting-edge technology and tools, world class industry processes, along with experienced & well trained resources. All this enables us to satisfy your varied requirements irrespective of the industry you are in. Also, our global presence and worldwide reach makes the right difference!

With Research2Systems' excellent reporting and analytical competence together with our successful supply chain management framework, your business can experience increased supply chain value and efficiency. It goes without saying that our worldwide presence and strong foothold in the data analytics industry help us to effectively lead technology towards the implementation of better SCM strategies.

We, at Research2Systems, are committed to deliver you the right solutions for SCM Analytics. With our proven track record in analytics, we are in a position to talk about results, and not just make promises!

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