

# Distribution Network Analysis & Design

## Requirement:

- Design an optimal distribution networking strategy answering the primary questions:
  - How many facilities? Where should they be located? What size of facilities? How should they operate? Who do they service? How will they be supported?

## The Process:

### Analyze Distribution Network Requirements:

- Review inbound and outbound transportation
- Assess current distribution network
- Include projected future requirements (growth, SKU proliferation, planned acquisitions, service level requirements, etc.)
- Develop alternatives including # DC's, size, location
- Develop network optimization model using regression analysis
- Evaluate alternative designs based on costs, savings, ROI, labor, transportation, service, etc.



## Results:

- Develop a distribution plan that meets the greatest number of prioritized needs and objectives including ROI criteria.



- Above is a partial listing of clients operating DC Networks developed using our proven methodology.

### Typical Output:

- # Facilities
- Location & Size of Each
- Products in Each Facility
- Inventory Levels by Facility
- Fulfillment Strategy
- Capacities by Facility for 5 Years
- Conceptual Storage and Order Processing Equipment
- Target Staffing & Productivities
- Labor & Facility Availability
- Budget Costs
- Projected Savings



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