



Bio of Stephen (Steve) T. Hopper, PE



Summary

Stephen (Steve) T. Hopper, PE, is Founder and Principal with Inviscid Consulting. Over more than three decades, Steve has helped his clients plan and streamline their warehousing, logistics, manufacturing, and distribution operations by driving down operating costs, boosting capacity, improving service levels, mitigating risk, implementing effective supply chain solutions, emphasizing safety, and enhancing the performance of their supply chain resources: people, processes, inventory, facilities, equipment, material handling systems, transportation assets, and supply chain information technology (IT). He has worked with hundreds of clients ranging from small businesses to Fortune 100 corporations.

Steve earned a Bachelor of Industrial Engineering (BIE) degree from The Georgia Institute of Technology (Georgia Tech) and is a board-certified, licensed, registered Professional Engineer (PE). Steve has served as an expert witness on dozens of cases involving supply chain operations in the US, Canada, and Australia and has advised private equity and venture capital investors. He also serves as a member of the Canvass Committee with the Material Handling Institute (MHI), which establishes industry standards for the American National Standards Institute (ANSI). Occasionally Steve is interviewed by the supply chain industry media, authors articles for industry publications, and speaks at industry events.

Capabilities

- Strategic planning, design, and optimization of logistics networks
- Strategic planning, estimation, evaluation, selection, and implementation of equipment, automation, and information systems that support safe and effective management and control of materials throughout the supply chain, including handling, packaging, identification, storage, and transportation
- Conception, modeling, analysis, reengineering, design, and activity-based costing (ABC) of warehousing, logistics, manufacturing, and distribution operations and business processes
- Site selection and systematic layout of supply chain facilities
- Economic evaluation and justification of potential solutions and development of business cases
- Improvement of labor productivity, storage and production capacity, and service levels
- Promotion of supply chain industry best practices related to operational safety and material control
- Reduction of operating costs and operational risk
- Evaluation and selection of third-party logistics (3PL) providers

Industry Experience

- 3PL / Outsourced distribution and fulfillment
- Apparel / Footwear
- Building materials
- Consumer goods
- Direct-to-consumer / Ecommerce / Catalog
- Food / Beverage / Grocery
- Furniture
- High-tech / Electronics
- Industrial / Automotive / Aerospace
- Mining / Drilling
- Pharmaceutical / Health and life sciences
- Rentals
- Retail
- Reverse logistics / Returns
- Wholesale / General distribution

Supply Chain Solutions Expertise

- Warehouse management systems (WMS)
- Warehouse control systems (WCS)
- Warehouse execution systems (WES)
- Slotting and order picking systems
- Transportation management systems (TMS)
- Labor management systems (LMS)
- Order management systems (OMS)
- Voice and automatic identification systems
- Equipment, automation, robotics, and software used for handling, packaging, storing, and transporting materials
- Logistics network design software tools

Education, Certifications, and Associations

- Bachelor of Industrial Engineering (BIE), The Georgia Institute of Technology (Georgia Tech)
- Board-certified, licensed, registered Professional Engineer (PE)
- Past President, Atlanta, Warehousing Education and Research Council (WERC)
- Past President, Atlanta, Materials Handling and Management Society (MHMS)
- Member, Council of Supply Chain Management Professionals (CSCMP)
- Past President, Atlanta, Institute of Industrial and Systems Engineers (IISE)
- Certified Instructor, Association for Supply Chain Management (ASCM, formerly APICS)