

NIGEL SOUTHWAY, C.Eng., IEEE, MSc BIM, SME Past Chair

Oakville, Ontario, Canada | 905-464-5517 | nigel_southway@outlook.com

LinkedIn: [linkedin.com/in/nigelsouthway](https://www.linkedin.com/in/nigelsouthway) | Websites: nigelsouthway.com | nigelsouthway.org

EXECUTIVE PROFILE

Global Manufacturing and Operational Excellence Executive with 35+ years of international leadership experience helping organizations improve profitability, productivity, supply chain performance, and operational efficiency through LEAN transformation, Six Sigma, Industry 4.0, ERP integration, advanced manufacturing engineering, and organizational change leadership.

Recognized advisor, consultant, author, educator, and change agent with a proven record of leading manufacturing modernization, plant optimization, technology transfer, restructuring, and continuous improvement initiatives across North America, Europe, Asia, Mexico, and Eastern Europe.

Trusted by multinational organizations and mid-market manufacturers to improve performance, reduce waste, accelerate time-to-market, optimize production systems, and build high-performing operations teams.

Industry experience includes:

- Aerospace & Defense
- Automotive & Automotive Electronics
- Electronics & Advanced Manufacturing
- Industrial Equipment
- Consumer Products
- Pharmaceuticals
- Food Manufacturing
- Steel & Mining
- Financial Services
- Service Industries

CORE LEADERSHIP EXPERTISE

Operational Excellence & Manufacturing

LEAN Manufacturing | Six Sigma | Continuous Improvement | Kaizen | Plant Optimization | Manufacturing Engineering | Industrial Engineering | Process Improvement | Factory Automation | Throughput Improvement | Cost Reduction | Productivity Improvement

Executive & Strategic Leadership

Operations Leadership | Change Management | Organizational Transformation | Strategic Planning | Global Manufacturing | Cross-Functional Leadership | Executive Coaching | Team Development | Performance Management | Organizational Restructuring

Advanced Manufacturing & Technology

Industry 4.0 | AI Applications in Manufacturing | ERP Systems | Additive Manufacturing | Smart Manufacturing | IIoT | Automation | New Product Introduction (NPI) | Technology Transfer | DFM

Supply Chain & Global Operations

Global Sourcing | Offshoring | Reshoring | Manufacturing Relocation | Vendor Development | Logistics Optimization | Cross-Border Operations | Multi-Plant Management

PROFESSIONAL EXPERIENCE

NEXUS CONSULTING SERVICES — Canada | USA | Europe | Asia

Principal Consultant | 2002 – Present

Executive advisor and operational transformation leader helping manufacturers and industrial organizations improve profitability, productivity, operational performance, and global competitiveness through LEAN transformation, advanced manufacturing, Industry 4.0, automation, and supply chain optimization.

Key Achievements

- Delivered operational improvement programs generating 25%–40% productivity and cost improvements across multiple industries.
- Led LEAN Manufacturing, Six Sigma, ERP integration, and Industry 4.0 initiatives for more than 50 global clients.
- Directed organizational restructuring and operational transformation projects across Canada, USA, Mexico, China, Russia, Ukraine, and Europe.
- Guided organizations in implementing AI-enabled manufacturing, automation, additive manufacturing, and smart factory initiatives.
- Managed a North American–China manufacturing joint venture focused on global sourcing, operational efficiency, and capacity expansion.
- Facilitated executive coaching, operational excellence workshops, and leadership development programs.
- Supported reshoring, manufacturing relocation, and technology transfer initiatives.

Selected Clients

Procter & Gamble | Citibank | British Airways | Baxter | Royal Canadian Mint | GE Marconi | Glaxo | A.O. Smith | Grote Industries | J.M. Schneider | Inland Steel | Tectrol | Tiercon | Eveready Battery | European Bank for Reconstruction and Development | DAGIGA | Carter Group | Additive Metal Manufacturing | Peytec.

CARTER GROUP (Automotive Electronics) — Canada

General Manager | 2000 – 2002

Recruited to establish and scale a new automotive electronics manufacturing division supporting OEM programs.

Key Achievements

- Built and launched a \$20M+ automotive electronics division.
- Developed and led a high-performing operations and management team supporting international growth.

- Implemented automated manufacturing systems operating to QS9000 standards.
- Introduced LEAN Manufacturing and Six Sigma methodologies to improve operational performance and product quality.
- Reduced Cost of Poor Quality (COPQ) through supplier development and quality management initiatives.

TECTROL POWER SYSTEMS — Mexico & Canada

General Manager, Nogales Division | 1998 – 2000

Director, Manufacturing Engineering | 1996 – 1998

Key Achievements

- Managed a 300+ employee manufacturing operation in Mexico including production, supply chain, and quality systems.
- Increased production output by 35% while reducing operational overhead by 18%.
- Achieved ISO 9001 certification through implementation of enhanced quality systems.
- Reduced logistics and material costs through cross-border supply chain improvements.
- Improved new product introduction timelines by 25%.
- Implemented LEAN operational systems generating annual savings exceeding \$1M.
- Introduced automated assembly, testing, and validation systems improving product reliability.

EDUCATION

Master's Degree in Management Studies

Bristol Polytechnic, England

Degree in Electronic & Manufacturing Engineering (HND/C.Eng.)

Bristol Polytechnic, England

British Engineering Apprenticeship Award Program

British Aerospace

AUTHORSHIPS

Published Books

Cycle Time Management: Fast Track to Time Based Productivity Improvement

Co-author of a foundational publication on cycle-time reduction and operational productivity improvement.

Take Back Manufacturing: An Imperative for Western Economies

Published in Canada in 2022 advocating reshoring, advanced manufacturing, and industrial competitiveness.