



Today's manufacturers face mounting pressures: rising costs, global supply chain risk, and limited resources to manage increasingly complex operations. Too often, high-value talent spends hours buried in spreadsheets, manually reviewing data, or recreating analyses that AI can now automate in seconds. BMG bridges this gap by combining world-class manufacturing experience with cutting-edge tools to deliver sustainable improvements in productivity, cost, and quality.

Navigating the Path from Idea to Production

World-class manufacturing solutions and support with a revolutionary combination of hands-on assessment and solutions from leading manufacturing minds, including faculty from Harvard, MIT, and Boston College.

Our Core Services

Intelligent Sourcing

We identify and procure the best materials and resources for your product, ensuring cost-effectiveness and quality.

Technical Support

Our experts provide ongoing guidance throughout the manufacturing process, keeping your product development on track.

Quality Control

Stringent quality control measures ensure your products meet and exceed industry standards.

AI-Powered Manufacturing Intelligence

AI Supply Chain Disruption Analysis System

Revolutionary AI system that analyzes your Bill of Materials, historical KPIs, and market intelligence to generate realistic supply chain disruption scenarios and actionable mitigation strategies.

Advanced AI Analysis

AI-powered scenario generation with historical data integration and statistical risk modeling

Real-Time Intelligence

Dynamic market intelligence with geopolitical, economic, and industry trend analysis

Personalized Plans

Context-aware action plans tailored to your constraints and organizational needs

Component Analysis

Multi-tier intelligence with supplier verification and alternative sourcing

5-7

Realistic Scenarios

10,000+

Components

<30s

Analysis Time

AI

Powered



The BMG Five Phase Approach

- 1 Initial Engagement:** Comprehensive consultation to meticulously identify the breadth and depth of your challenge, issue, or requirement.
- 2 Audit and Assessment:** Detailed exploration of your existing challenges with comprehensive evaluation of your product's current state and production strategy.
- 3 Report and Proposal Delivery:** Concise report outlining identified issues and recommended actions with transparent project scope and costs.
- 4 Expert Engagement and Project Management:** Deployment of globally recognized manufacturing experts with close collaboration and project oversight.
- 5 Sustain:** Persistent partnership until your product is successfully delivered with continuous monitoring and quality assurance.

Meet Our Leadership Team



Guy Breier

Chief Executive Officer

Guy Breier combines decades of international expertise in Operations, Manufacturing, and Quality Control with an impressive academic background. Holding an Engineering degree from Tel Aviv University and an MBA from Boston College, he has also enriched his knowledge as a Professor of Operations at Boston University. His innovative approach culminated in the creation of the proprietary Five Phase Assessment Process, a game-changer in the manufacturing industry.



Dr. Ron Rubin

Co-Founder and Managing Director

Dr. Ron Rubin, a distinguished member of the Boston College faculty, is also the esteemed founder of Rubin/Anders Scientific, a premier scientific placement agency. His academic laurels include a Ph.D. from Harvard University, reinforcing his status as a leader in the scientific community. In addition to his contributions at Boston College, Dr. Rubin has also shared his knowledge as a lecturer at MIT.

Why Choose Boston Manufacturing Group?

✓ Proven Track Record

Millions of premium-quality products delivered with hundreds of millions in cost savings realized.

✓ AI-Powered Intelligence

Revolutionary AI system for supply chain analysis and risk mitigation strategies.

✓ Academic Excellence

Faculty and expertise from Harvard, MIT, and Boston College.

✓ Personal Approach

Tailored solutions for your individual manufacturing needs and challenges.



Proven Project Success



Electric Motor Manufacturing

Improved manufacturing processes for universal motors, DC motors, and brushless DC motors across multiple facilities.

- Implemented SPC and CPK analysis (>1.33)
- Automated assembly lines and windings
- 100% inspection for power, noise, and vibration
- Improved line balancing and removed bottlenecks



Li-Ion Battery Introduction

Helped home appliance manufacturer transition from corded to cordless products using Li-Ion batteries.

- Assessed and selected battery suppliers
- Conducted comprehensive supplier audits
- Leveraged MIT PhD battery experts
- Delivered results for holiday season production



Quality Improvement & Defect Reduction

Comprehensive quality management system evaluation and improvement implementation.

- Week-long quality system audits
- Gap analysis and action item identification
- 50%+ defect rate reduction
- Significant customer return rate improvement

Industries We Serve



Medical Devices



Electronics



Industrial



Automotive

Our Global Manufacturing Network

BMG maintains strategic partnerships with manufacturing facilities worldwide, ensuring optimal cost-effectiveness, quality, and delivery for your specific requirements.

Key Manufacturing Regions:

North America • Europe • Asia-Pacific • Strategic Global Partners

Ready to Transform Your Manufacturing Operations with AI?

Get your free consultation and discover how BMG's AI-powered solutions can optimize your operations, reduce costs, and scale production while mitigating supply chain risks.



contact@boston-mfg.com



(617) 410-8155

Initial consultation within 24-48 hours • AI analysis demo available