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Work Experience:

- 2000-Present | Precipio, LLC (Management Consulting) – **CEO** and Managing Director
- 2007-2009 | Accenture (Global Management Consulting, IT, Outsourcing) – MC Global **Engagement Director**
- 2006-2007 | Wells Fargo (U.S. top five bank) – **VP** of Lean Six Sigma
- 2003-2006 | U.S. Dept. of Energy, Univ. of CA, LLNL (National Lab) – **Director of Quality** and Lean Six Sigma
- 2000-2001 | Spectra-Physics Lasers, Inc. (Lasers / Optics) – **Engineering Programs Manager** and Sr. Scientist
- 1996-2000 | U.S. Dept. of Energy, Lockheed Martin / Bechtel, INEEL (National Lab) – Senior Research Fellow
- 1996-1998 | Colorado School of Mines (Materials Engineering) – Research and Teaching Fellow
- 1992-1995 | California Polytechnic State University (Industrial and Manufacturing Engineering) – IME Instructor

Education

- 2008 | George Group / Accenture - **Lean Six Sigma Master Black Belt Trainer**, George Group Academy
- 2006 | Wells Fargo – **LEAN Six Sigma Master Black Belt / Deployment Curriculum**
- 2005 | SigmaPro, Inc. - **LEAN Six Sigma Master Black Belt Certification**
- 2005 | Raytheon, Inc. – **LEAN Six Sigma Master Black Belt / Deployment Curriculum**
- 2000 | American Society for Quality and The Six Sigma Academy - **LEAN Six Sigma Black Belt Certification**
- 1999 | Colorado School of Mines, Golden CO - **Ph.D.**, Metallurgical and Materials Engineering
- 1995 | California Polytechnic State University, San Luis Obispo CA - **B.S.**, Materials Engineering

Leader, Business Executive, and Consultant

Andrew has over 20 years of experience in Service and Manufacturing Industries. He is an effective senior executive, team leader, coach, trainer, trusted advisor, business and operations consultant, and professional manager. He has achieved and sustained excellence in operations within engineering technology, manufacturing, and service / transactional / financial / healthcare / pharma environments as both an outside Consulting Firm and Internal Executive. Andrew is a strong management, engineering, operations, and quality professional.

He has led dozens of projects yielding over \$2 billion in estimated benefits, coached and trained hundreds of professionals including Lean Six Sigma Green, Black, and Master Black Belts through successful projects delivering \$100's of millions in benefits, and led over 100 Workshop and Kaizen events at all levels. He has a proven track record of successful team leadership and people management in addition to tangible financial and operational results.

Andrew brings energy, leadership, technical strength, focus, teamwork, and adaptability to each assignment resulting in strong, measurable client value. He has managed over 200 people in line and matrix environments and lead projects with budgets in excess of \$100MM. Andrew is a published author in Science and Engineering and has delivered courses in Engineering, Process Improvement, Quality, Operations, and Lean Six Sigma. Andrew held a Q clearance (TS equiv.) from the Department of Energy, U S Gov't.

Client Examples:

- Enloe Medical Center (\$2B Regional Medical Provider) | Lead 5 Year Corp. Strategy Development w/ C-Suite / BOD
- ABC News & Univision Communications (Media) | Lead Ops Enablement for \$100M Network Joint Venture
- Edwards LifeSciences (Global Medical Devices) | Implemented Enterprise Productivity Improvement Program
- Cisco (\$45B World Leading Network Services) | \$2B+ Global Enterprise / Ops Transformation Partner
- California State Gov't – EDD | Conducted Assessment and Lead Process Optimization
- OR Health & Science U (World Class Teaching Hospital) | Provided assistance with LSS transformation planning
- PolyOne (Global Polymer Producer) | Executive Lean Six Sigma Deployment Workshops
- Royal Bank of Canada (Major Canadian Bank) | Dev. Retail Lending Strategy Op Model / Lead Deployment
- Shell Oil (Petrochemical Producer) | LSS Deployment Assessment and Review
- Abbott (Pharmaceutical, Medical, and Nutritionals) | Lead Sales and Marketing Operational Transformation
- UBS (Swiss Global Investment Bank) | Operational Improvement and FA Attrition Modeling
- Essilor (Ophthalmic Lens Producer) | Provided assistance resolving coating issues in FL plant
- Chevron / TJ Cross Engineering (Petrochemical) | Provided assistance with LSS Deployment Plan
- California State University (Eng. Dept. CSU Chico) | Developed LSS certification courses
- Westgate Hardwoods (Global Wood Products) | Lean (Green) Transformation, Business Operating Model

ACHIEVEMENTS

Global Media Company: Established the operational model and integration plan for the Joint Venture of two major media organizations, leading to the successful launch of a brand new \$100MM television and social media network. Working with C-level and staff, execute working sessions, strategy development, process design and improvement, implementation and change management efforts across the parent companies and the JV.

Regional Medical Center: Developed the 5 year Strategy and Operating Plan for a \$2B Level 2 Trauma Regional Medical Center. Working with the Board of Directors and the CEO and his staff, execute planning and working sessions to assess past performance, changes in the healthcare environment including impacts of the ACA, and operational goals of the trustees and senior leaders to develop the high level strategy and operational models to achieve the best patient-centered care.

Global Network Product and Services Corporation: Led over 50 engagements to transform almost all divisions of corporation over 5 years. Examples include design of new Corporate Portfolio Management and Governance Process, a new Supply Chain Operating Model for Global Procurement, and a new Global Accounting Model. Trained, Coached, and Led a project and transformation portfolio with financial impact > \$2 billion over three years enabled by deep Lean Six Sigma and Business Process Management capabilities.

Major Financial Institution: Developed a Future State Operating Model and Transformation Roadmap for the Retail Lending Division to yield \$500M in Revenue Growth over the next 5 years, \$30M in quick wins, reduce the cost structure by 30%, and optimize the front and back office.

Major Pharmaceutical Company: Conducted an Operations Strategy and Vision Review for a Marketing and Sales Operations Division, resulting in a new operating model which reduced turn-around time from 4 months to 4 weeks and increased flexibility by creating an additional 50% capacity.

Global Financial Institution: Developed an attrition risk assessment model including comprehensive driver analysis and metrics development for a large, high-volume wealth-management business unit.

Major Financial Institution: Provide overall direction and leadership for deployment of a Lean Six Sigma Program for a \$7 B lending division, including strategic plan development, project selection, training, coaching, and profit growth. Served as the business process engineering executive and lead Master Black Belt. Delivered capability in 12 months with benefits exceeding \$50M over 24 months.

Major US Federal Energy Program: Provided overall direction and leadership for Quality Engineering and Manufacturing Operations for a \$3.5B Department of Energy Program including development, oversight, and implementation of a Lean Six Sigma Quality System in the production and supply chain divisions. Built the infrastructure from the ground up, creating new manufacturing and quality divisions, and served as the lead process Data Scientist.

Major Laser and Optical Products Enterprise: Provided leadership for a team that rapidly grew from 50 to 400 senior managers, chemists, engineers, and technicians to establish and grow an optics manufacturing capability in a new division of a \$100 M optical equipment and products company, completing projects that yielded > \$1.7 M of new revenue in less than 6 months. Served as the Sales and Marketing Product Specialist for optical products.

Functional Expertise

- Manufacturing / Production
- Cleanroom (Class 100)
- Service / Transactions
- Supply Chain
- Engineering / R&D
- Operations
- Finance
- Quality Systems
- Lean Six Sigma/Process/Operational Excellence
- Sales and Marketing
- Executive Management
- Classroom Training
- Event Facilitation
- Online Training

Industry Experience

- Network Products / Services
- Media / Television / News
- Management Consulting
- Financial Services / Online Banking, Insurance
- Hospital / Healthcare Services, Medical Devices
- Federal (Energy)
- Pharmaceutical
- Petrochemical / Construction
- Basic Science, Metallurgy, Ceramics, Composites, Glass
- Lasers, Optics, Photonics, Imaging Systems, Electro-Mechanical Devices
- Thin films, Vapor Deposition / Precision Cleaning
- Electronics, Networking, HW