

# CHRISTOPHER NEWMAN

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## SENIOR STRATEGY & OPERATIONS IMPROVEMENT EXECUTIVE

Process Excellence • Strategic Planning & Technology Integration • Cost Minimization

**Results-oriented Senior Strategy and Operations Improvement Executive** with extensive experience leading highly successful continuous improvement initiatives. Proficient in digital transformation, supply chain management and logistics strategies, lean and Six Sigma methodologies, root cause analysis, project management, ERP and inventory oversight, workflow analysis, and team management. Proven track record of executing significant operational enhancements and achieving cost savings for organizations. Promote work culture centered around engagement, high performance, and accountability.

### CORE COMPETENCIES

Forecasting | Performance Optimization | Change Management & Innovation

Digital Transformation | Cross-Functional Partnerships | Dynamic Leadership, Mentorship, & Coaching | Business Plans  
Customer Focus | Organizational Development | Website Development

### PROFESSIONAL EXPERIENCE

**R.D. Shell Corporation | Norco, LA**

**2012 – Present**

*Downstream section of Shell PLC that trades and refines crude oil and other feedstocks into a range of products that are moved and marketed around the world for domestic, industrial, and transport use.*

#### Site Integrated Delivery Analyst

Partner with business heads to define and implement technology needs, including procurement, provision, delivery, and maintenance of systems. Serve as communication liaison between refinery operations and IT organization. Hold contractor approval and purchase spend authority.

- **\$4 million in labor costs saved each year** through implementation of end-to-end permitting process that utilized IT-supported software sitewide for maintenance, safety, laboratory, and operational turnaround activities.
- **\$3 million in annual cost savings** achieved by leading iPad implementation and distribution initiative that improved six major refining processes and produced transformational changes across all departments.
- **60% reduction in IT server room square footage and 50% decrease in time to identify and correct situations** accomplished through removal of antiquated and unused IT server equipment.
- **Saved \$350,000 per year** in data storage and management subscription fees by coordinating data governance and mass records disposal and classification efforts across all departments and process areas.
- **\$250,000 decrease in annual support and subscription costs**, reduction in business reliance on one-off software vendors, and optimization of IT application support, digital transformation strategy, and cybersecurity capabilities earned through elimination of site-exclusive, rogue business applications.
- **An average of 500 analytic and investigative work labor hours eliminated per year** by training and advising over 20 business users in use and value of Microsoft Power Platform tools.
- **Aligned cross-functional team members to implement two new servers** that improved data access and accountability for emergency response teams in compliance with federal regulations.
- **Built departmental intranet website** that provided highly efficient form of communication and delivered automated instructions for solutions to common IT space problems.

**Pratt & Whitney/United Technologies Corporation | East Hartford, CT**

**2006 – 2012**

*Business division that designs and manufactures next-generation propulsion technology for domestic and international partners, as well as worldwide maintenance services for military equipment.*

#### Senior Engine Data & Forecasting Analyst – Military Engines | 2007 – 2012

Managed contract staff in development of \$7.5 million forecasting database project to include all jet engines. Analyzed business requirements and served as military engine Subject Matter Expert (SME). Instituted continuous improvement philosophy related to parts demand, sales, engineering, quality control, life limits, and reliability-centered maintenance. Reviewed proof of concept and collaborated with leading contractors, including IBM, Teradata, and HP.

- **\$94 million saved fleet-wide** by contributing to root cause corrective action that ultimately aided in recovery and repair of more than 200 jet engines worldwide.
- **Delivered proof of concept for jet engine maintenance forecasting Enterprise Data Warehouse (EDW)** instrumental in day-to-day operations for 70% of military and commercial engines within seven years of conception.
- **\$500,000 in direct labor costs saved within one year with \$3.2 million in additional savings projected** over four years through development of enterprise-wide forecasting database.
- **Presented reliability-centered maintenance concepts to foreign air force client** that demonstrated how to optimize engine performance and part life expectancy and showed company's commitment to customer's success.

#### **Commercial Airfoil Manufacturing & Production Supervisor | 2006 – 2007**

Oversaw production efforts related to manufacturing of commercial aircraft turbine engine blades. Supervised seven-day, four-shift operation with salaried and hourly operators and \$9 million to \$13 million market value. Managed \$1.3 million annual operating budget. Prepared work schedules to address customer requirements, resource availability, overtime, and other variables to optimize personnel resources.

- **45% machine production quality improvement and 22% production output increase** gained through lean manufacturing concepts inclusive of root cause corrective action analysis, value stream mapping, and kaizen events.

#### **Connecticut Air National Guard | East Granby, CT**

**2001 – 2016**

*Federal military reserve force of United States Air Force and air militia of each U.S. state and territory.*

#### **Production Controller/Performance Data Analyst/Jet Engine Manager**

Directed \$450 million in base inventory and led training for 150 engine mechanics. Served as key contact for supply and maintenance logistics and operations in connection with built engines, spare parts, tooling, and auxiliary equipment. Program managed mission realignment for Air Force base integration. Coordinated due diligence process for acceptance of property, data, and records from other military bases and contact organization.

- **Avoided up to \$1.5 billion in equipment damage** through creation and delivery of accelerated training program centered around data analysis, maintenance planning, and supply logistics.
- **\$2.5 million in parts and labor savings** achieved by leading cleanse, update, and organization of engine maintenance databases for another state's flying unit that recovered total of 400 fly hours.
- **\$250,000 annual cost reduction** realized through introduction and implementation of digital policy and procedure manuals that improved ease of use, policy compliance, mobility, and safety.
- **Established supply logistics and documentation processes and requirements, forecasting, and parts control** for 176 engines and over 15,000 major part assemblies for seven Air National Guard units.
- **Increased preventive maintenance probability for flight safety and maintenance cost savings** by improving diagnostic software using SQL and DOS programming languages.

#### **-OTHER EXPERIENCE-**

#### **Belledanse Orchids | Belle Chase, LA**

*Orchid farm with retail shop and event space.*

#### **Website Developer**

- **Saved start-up company \$6,000 in web development costs** by singlehandedly building E-commerce store.

## **EDUCATION & PROFESSIONAL DEVELOPMENT**

### **Master of Science**

*in Organizational Management*

Eastern Connecticut State University

Bachelor of Science in Mass Communications – University of New Mexico

Associate of Applied Science in Maintenance Production Management – Community College of the Air Force

### **CERTIFICATIONS/LICENSURE**

Project Management Professional (PMP) • MSI Associate Lean Six Sigma Manufacturing • Teradata Master Data Management (MDM) Development • Defense Acquisition University Level 2 Certifications (Information Technologies, Lifecycle Logistics, & Quality Assurance) • Federal Security Clearance – Secret