

Nils D. LaVine, PMP, CSPO

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VISIONARY OPERATIONS MANAGER – Business Transformation, Systems Engineering and Program Management

Exceed cost, quality, and timing targets | Creative & effective solutions to difficult problems

Customer and solution focused problem solver who leverages program management, business development & operations, technical expertise, collaboration, analysis, and leadership in achieving strategic and tactical objectives. Expert in resolving inefficiencies and developing clear, understandable action plans. Thrives leading cross-functional teams. Effective communicator at all levels. Expertise in:

- Business Process Analysis & Optimization
- Organizational Leadership
- Business Operations
- Operations Management
- Project and Program Management
- System Engineering & Technology Integration

PROFESSIONAL EXPERIENCE

PIVOT INDUSTRIES, Denver, CO

2015 – Present

Reduces the cost of supplying maintenance and operations items to construction, mining and energy industries.

Director – Customer Process Analysis

Leads the analysis of how Pivot Industries incident management tools will positively impact organizations' maintenance and logistics operations.

- Worked with internal executive leadership to build use/business cases for Pivot Industries tools for major farm and constructions equipment manufacturers. My use cases have been successfully presented to executives within Fortune 100 companies and they have helped develop strategic partnerships between Pivot Industries and these organizations.
- Developed process analysis models of customer's existing maintenance & logistics operations and then modified these to include the impact of using Pivot Industries Customer Relationship Management software and incident management tool. These process models have helped identify resource requirements, process bottlenecks and inefficiencies within customer's current maintenance & logistics operations. This analysis also supports Pivot's mission: the mitigation of financial, technical, operational and legal risk of these industry leading Fortune 100 companies.

ALION SCIENCE AND TECHNOLOGY, Boulder, CO

2006 – 2015

Delivers advanced engineering, IT and operational solutions to strengthen national security.

Company Director - Operations Manager

(2007 – 2015)

Directed a geographically distributed, best in class, Research & Development focused, Systems Engineering and Human Systems Integration business unit of 4 managers and 80 associated personnel. Responsible for the business unit's profit and loss, program management, budgeting, contractual action, vendor management, business development and resource management. Provided technical and project management expertise for government and commercial software development and technical services programs with an emphasis on end customer experience and operationally integrating people with technology/systems.

- Led a successful \$20M profit/loss center. Worked over 50 captures/proposals annually. Increased revenue by 17%. Top Net Income producing organization. Increased Net Income by over \$400K annually.
- Conducted a systems focused business transformation analysis of that allowed a major healthcare delivery customer to guide their facility development process and save over \$100M in operational costs.
- Saved a customer over \$15M on a \$100K investment by conducting a continuous process improvement analysis for a real-time, GIS focused operations center.
- Conducted Portfolio, Program and Project Management to coordinate and successfully execute over 50 projects and 8 software products totaling over \$100M.

Director - Division Manager**(2006 – 2007)**

Led an industry recognized team of 24 individuals focused on conducting Human Systems Integration activities associated with DoD acquisitions and optimization of commercial processes. Responsible for profit/loss, program management, budgeting, resource control and new business development. Responsible technically and financially for the execution of numerous DoD, Government and Commercial Human Systems Integration tool development and analysis programs.

- Reduced NASA launch personnel by 50% by executing a tool development and analysis program for NASA's Kennedy Space Center to investigate transition from a personnel heavy Shuttle Launch Program to the next generation Crew Exploration Vehicle.
- Reduced NYSE trading floor personnel by 66% and sped up order execution by over 2 orders of magnitude for the New York Stock Exchange that allowed the NYSE to validate their trading rules to transition from a specialist-broker transaction model to an automated approach for conducting stock transactions.
- Led a \$4M profit/loss center that met goals in revenue generation and exceeded its net income goal by over 100%.

MICRO ANALYSIS & DESIGN, Boulder, CO**1990 – 2006**

(Acquired by Alion Science and Technology in 2006)

Manager, Systems Engineering Group**(1997 – 2006)**

Led a cross-functional team that incorporated the impacts of human performance models into constructive simulations. Developed and applied advanced human performance modeling techniques to both military and non-military systems analyses. Conducted a variety of activities from basic and applied level research to the application of techniques to determine the environmental impact upon various military activities such as combat operations and shipping port operations.

- Acted as Principle Investigator/Technical Lead on 12 projects involving Distributed Simulation (DIS) and human performance effects. This was the first time that constructive simulations (war games) incorporated the effect of human performance and opened up a whole new analysis approach for system development.
- Developed a methodology and technical approach for linking human performance models and human-in-the-loop simulators. This program received the USAF's Modeling & Simulation Award for Acquisition in 2000.
- Conducted an analysis that included human performance, which allowed for the evaluation of tactic, techniques and procedures for the Joint Strike Fighter program. Our analyses allowed pilots, in simulators, to increase their effectiveness on Time Critical Targeting tasks from rarely engaging a target to finding and successfully engaging over 97%.

MILITARY EXPERIENCE**UNITED STATES ARMY – Lieutenant Colonel (Retired)****(1983 – 2004)**

Held various command and staff positions in units ranging from active cavalry platoon to training groups. Served as a Platoon Leader, Company Commander, Logistics Officer, Operations Officer, and Training Officer.

EDUCATION

Master of Science, Civil Engineering Colorado State University Ft. Collins, CO

Bachelor of Science, General Engineering United States Military Academy West Point, NY

CERTIFICATIONS

Top Secret Security Clearance – SSBI (Through August 2018)

Program Management Professional – (Through June 2018)

Certified Scrum Product Owner – (Through October 2017)

Lean Management – (April 2016)