

SUSANA RODRIGUEZ CARDONA

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SENIOR PROJECT MANAGER

Over 12 years of experience in Project Management, Risk Management, Process Improvement, Systems Engineering, Verification and Validation. Highly experienced working with customers and suppliers. Excellent communication and interpersonal skills, as well as strong leadership, coaching and mentoring abilities. Results oriented professional with outstanding organizational, analytical and problem solving skills.

Certifications: Green Belt Design for Six Sigma and Earned Value Management

Languages: English, Spanish, American Sign Language

Education: University of Puerto Rico, Mayaguez Campus; Bachelor Degree in **Electrical Engineering**

WORK EXPERIENCE

Honeywell Aerospace, Aguadilla, PR (Oct 2008 – Present)

Sensing, Guidance & Navigation – Senior Project Manager and Systems Engineer

Responsible for Development and Obsolescence projects on Navigation Systems from planning to production phases.

- Managed development and production delivery project budgets up to \$12M.
- Supported business development efforts by creating program Proposals and Basis of Estimates for multiple defense and commercial aircraft platforms.
- Effective setting and altering priorities to meet business needs.
- Created and managed aggressive integrated master schedules in MS Project.
- Set up structures and budget work plans for different projects.
- Controlled cost and schedule, maintaining metrics above standard for multiple efforts simultaneously: Cost Performance Index average = 1.03, Schedule Performance Index average = 0.99.
- Maintained target dates with milestone fidelity of 100%, ensuring timely completion of tasks.
- Updated forecast plans, action registers, and identified risks and opportunities periodically.
- Lead engineering teams of up to 20 resources from multiple disciplines including contractors.
- Provided program status reports and briefings to internal management, senior leadership and external customers.
- Responsible for leading and coordinating customer meetings, internal team meetings, design reviews and audits.
- Focal point for resolving internal & external customer issues creating mitigation plans and Root Cause Corrective Actions.
- Conducted obsolescence components assessments, transitions to new parts and overall Supply Chain coordination for production deployment.
- Created and managed system requirements using DOORS databases.
- Generated design specification documents and interface control documents.
- Generated test procedures, test cases and test reports to verify and validate the system requirements during integration activities.
- Experienced with Document Control Management.
- Interviewed candidates for Systems Engineer positions, mentored new team members and coordinated learning activities.

Production Support Engineering – Senior Project Manager

Project manager accountable for the engineering strategy and execution phases on sourcing and transition activities affecting the company footprint.

- Served as the interface between the Global Strategy & Integration group and the different engineering teams to ensure project requirements were met.
- Managed a portfolio size up to 14 projects at a time, some of them consisting of transitioning over 300 electrical parts.
- Created engineering estimates and identified validation test plans to support reposition and transition projects.
- Led team efforts that improved forecasting accuracy by over 50%.
- Managed the clearance of 237 non-conformity supplier parts, without impacting customer deliverables.
- Coordinated between several teams, special processes certifications, for external suppliers and internal factories.

Raytheon, Tewksbury, MA (Aug 2007 – Aug 2008)

Antennas & Microwaves - Electrical Engineer

- Designed and simulated various antenna configurations i.e. Antenna Feed Dual-band Diplexer.
- Performed Antenna Side Lobe Level Analysis, Tolerance Analysis, Design of Experiments, and Near Field Reflector Antenna Measurements.