

Are you looking for an exciting career in Defense and Aerospace? TREALITY® Simulation Visual Systems welcomes people who share our determination and high standards to join us in doing work that moves the world forward and saves lives. TREALITY® SVS has a diverse culture that celebrates autonomy and inspires leadership at every level of our organization.

TREALITY® SVS is looking for a Sr. Mechanical Engineer to join our team and make a difference.

To design a system-level work independently, according to common guidelines and best practices. To ensure a fully tested, documented, and integrated complete system the specifications of which meet its detailed market requirements.

To generate new, original approaches, processes, tools and technology.

### **Main Accountabilites:**

1. Ensure that the design, implementation and testing/verification of the system is within the constraints: time, cost, specification & quality targets.
2. Ensure that the implementation confirms to the common guidelines and best practices.
3. Evaluate & assure that the required specific client needs (market requirements) are being understood and form part of project (specification, verification). System design from marketing requirements into functional specifications in order to partition the product design into realizable assemblies.
4. Develop component/complex module level specifications from higher level specifications.
5. Specify test cases to verify the implementation against the specifications.
6. Find and analyze available information for working out and proposing solutions to the problems; analyze test results and test plans with regard to functional coverage.
7. Interact with the team to achieve the consistency of the work with the overall design and to share knowledge; Guide team members with regard to engineering practices, processes, tools and technology in order to achieve the desired result within specified budget.
8. Collect/prepare the documents (documentation and reports) of the related design/module/sub-assembly in time as per the project plan.
9. Lead team members in planning practices. To ensure that the given milestones are being achieved. Review test plans and quality reports, report problems on time if goals cannot be reached.
10. System design from marketing requirements into functional specifications in order to partition the product design into realizable assemblies.
11. Decide about design alternatives.
12. Manage a technology or technology platform.
13. Up to 10% travel, including international.

**Education:**

- Bachelor's degree (Master's degree a plus)

**Experience:**

- 10+ years related engineering experience

**Competencies:**

- Advanced technical skills
- High level of intellectual affectivity and flexibility
- Analytical skills
- Problem solving skills
- Good communication skills
- Initiative
- Must be US Person