



Server Technology, Inc.

JOB ANNOUNCEMENT

April 25, 2016

Title	Mechanical Design Engineer
Reports to	Engineering Project Manager / Engineering Manager
Department	Engineering

JOB SUMMARY

The Mechanical Design Engineer will work closely with the Electrical Design and Manufacturing Teams to develop Electro Mechanical assemblies including sheet metal fabrication drawings, finish drawings, cabling drawings, specification and source control drawings, and assembly drawings using 2D and 3D CAD software. The Mechanical Design Engineer will ensure that all assigned duties are performed quickly, efficiently and according to the established departmental and company policies, procedures and goals.

The Mechanical Designer, as with all members of the Server Technology Team, is expected to promote a positive attitude, demonstrate initiative, professionalism, personal awareness, integrity, and exercise confidentiality.

ESSENTIAL JOB FUNCTIONS

- Design sheet metal enclosures around electromechanical assemblies using CAD software and applying DFM principles
 - Create sheet metal fabrication drawings, assembly drawings, cable/wire drawings, specification and source control drawings using CAD software.
 - Update and generate wiring diagrams using CAD software.
 - Create and modify Bills of Materials (BOM'S) using a Product Lifecycle Document Control System.
 - Develop 3D models of new electrical and mechanical components for use in final assemblies.
 - Export existing 3D models from CAD software to PDF or other formats.
 - Review drawings and BOM's for accuracy and completeness, ensuring engineering drafting standards are met.
 - Assist with developing documented methods for process improvement and control.
 - Understand modern manufacturing processes, including sheet metal fabrication, extrusion, and injection molding.
 - Promote positive company user relations by projecting a courteous, helpful attitude and assisting employees when appropriate.
 - Assist with assembling prototype PDU's
 - Display original thinking and creativity; Meet challenges with resourcefulness; Generate suggestions for improving work; Develop innovative approaches and ideas.
 - Display willingness to make decisions; Exhibit sound and accurate judgment; Support and explain reasoning for decisions; Include appropriate people in decision-making process (specifically Department Managers); Make timely decisions.
 - Perform other duties as assigned.
-

TECHNICAL / PROFESSIONAL KNOWLEDGE

- Bachelor's degree from four-year College or University with emphasis in Mechanical Engineering or comparable experience or related field; or equivalent combination of education and experience.
 - Proficient with sheet metal design and parametric modeling in CAD software. Auto Desk Suite knowledge a plus.
 - Experience with Document Control Systems. Omnify PLM knowledge a plus.
 - Understands document revision (ECO and ECN) process
 - Strong knowledge of drafting standards for mechanical parts and assemblies.
 - Basic understanding of AC power, digital electronics, and PCB design software a plus.
 - Manufacturing experience in an industrial environment a plus
 - Ability to coordinate engineering projects and demonstrate engineering technical expertise to a team.
 - Effective oral and written communication skills with the ability to provide information across multiple groups in the Company including Engineering, Marketing, and Sales.
 - Strong organizational and planning skills and the ability to work independently.
 - Computer proficient with knowledge of Microsoft Office products (Word/Excel/Outlook/Access).
-

Work Environment and Physical Demands

Work environment is fast paced and priorities can shift quickly. All employees are expected to go outside their primary responsibilities when required, and multi-task job duties on a regular basis. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Server Technology, Inc. is an equal opportunity employer. Qualified applicants are considered for employment, and employees are treated during employment without regard to race, color, religion, sex, sexual orientation, national origin, age, disability, veteran status, genetic information or any other legally protected status.

Server Technology, Inc. is committed to working with and providing reasonable accommodation to individuals with disabilities. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the employment process, please contact the Human Resources Department.