Legrand
https://www.legrand.us/

POSITION TITLE: Mechanical Design Engineer

POSITION LOCATION: Reno, NV

DESCRIPTION:
Legrand is a leading provider in intelligent rack PDUs, KVM switches, and other data center infrastructure monitoring and management solutions. Legrand’s power strategy experts have provided power solutions for labs, data centers, and telecommunications operations for 30 years.

Legrand has an exciting opportunity for a Mechanical Design Engineer to join the Server Technology Team in Reno, NV. The Mechanical Design Engineer will work closely with Design and Manufacturing Teams to develop and finalize product documentation for existing and newly developed products.

Essential duties and responsibilities include, but are not limited to:
- Update, develop and finalize product documentation for existing and newly developed products.
- Perform all sustaining engineering functions to create sheet metal fabrication drawings, assembly drawings, cable/wire drawings, specification and source control drawings using a 3D modeling software package.
- Update and generate wiring diagrams.
- Create and modify Bills of Materials (BOM’S) through an Engineering Change Order (ECO) process.
- Review drawings and BOM’s for accuracy and completeness, ensuring engineering drafting standards are met.
- Research and resolve issues associated to PLM database.
- Perform first article validation and testing; inclusive of thermal analysis, Hipot, and SELV.
- Update PCB designs and schematics, generate gerber files, and update PCB fabrication notes utilizing PCB design software.
- Assist with developing document methods for process improvement and control.
- Perform backup role to System Administrator for Inventor and Vault. Provide regular status updates to management.
- Promote positive company user relations by projecting a courteous, helpful attitude and assisting employees when appropriate.
- 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.

REQUIRED QUALIFICATION:
• Bachelor's degree from four-year College or University with emphasis in Mechanical or Electrical Engineering or comparable experience or related field; or equivalent combination of education and experience.
• Previous experience in an engineering support role with emphasis on sheet metal, harnessing, wiring diagram, PCB schematic, and BOM development.
• Experience with Altium, Inventor, Productstream/Vault and Omnify a plus.
• Strong knowledge of drafting standards for electrical and mechanical assemblies.
• Experience with writing ECO’s using PLM software.
• Experience with PCB design software to perform PCB design, schematic, and fabrication documentation updates.
• Experience with performing Hipot, SELV, and Thermal testing.
• 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.
• Project management skills including planning, organizing, meeting facilitation and coordinating tasks.
• Computer proficient with knowledge of Microsoft Office products (Word/Excel/Outlook/Access)

HOW TO APPLY:
Interested applicants should apply online.