

## Senior Electrical Hardware Engineer

Seeking a full-time Senior EE to join our team in Albuquerque NM to assist in the support of product development of sensors and intranets in the areas of condition-based monitoring, situational awareness, signal intelligence, AI, safety, and embedded systems.

### Requirements

Bachelor's Degree in Electrical Engineering or equivalent.

### Experience

Strong CAD design of circuits, modules, and processors is required.

Design experience involving A/D, D/A, and microcontrollers is required.

Small electronics "widget" manufacturing is a plus

Configuration Management experience is preferred

FPGA is beneficial and preferred but not required

Prior DOD procurement experience process is a plus

Design experience involving microcontrollers, SPI, I2C, UART, GPIO, Ethernet, WiFi a plus with mixed-signal product design and development for military aircraft, ground vehicles, and support equipment is a huge plus

FPGA design experience with Altera and Xilinx FPGA's in both VHDL and schematic design flows is highly desired but not required.

Successful design of a variety of products for environmental, FCC and CE compliance would be beneficial but not is required.

Understanding Aerodynamics, Fluid Mechanics & Thermodynamics Concepts is good to have but is not required

Any military environment, commercial aircraft, or military aircraft, ground vehicles, and support equipment is a huge plus

## Performance Expectations

A strong EE, hand on contributor, to lead projects around electrical design of microprocessor-based circuits, integration of SOC on PCB's, and some mixed signal and digital interfaces. The ideal candidate will lead a small team of junior Engineers, PCB Layout, and Lab Techs on some projects.

The ability to take a concept to design manufacturing.

Experience in R&D to manufacturing strongly preferred.

Design, test, and validate prototypes

Configuration Management

Quality Control and Quality Assurance

Interface with suppliers of components

Proposals, scheduling, and cost estimating using PC tools

Experience in CAD design of circuits, modules, and processors

FPGA is beneficial

Accomplishments (Success patterns we are looking for):

Problem solving

Good managerial skills

Personal Characteristics (strengths):

Strong leadership skills

Responsible

Attention to planning and details

People skills

Good communication skills

Travel in burst throughout the USA, rarely overseas at least up to 10%-15% of the time on average

Military experience, flight experience is a plus

Management Sciences conducts a pre-employment background review that includes checks of personal references, credit, law enforcement records, and employment/ education verifications. Management Sciences is a federal contractor and participates in E-Verify for employment eligibility verification. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability, or veteran status and any other protected class under state or federal law.