**Application Engineer/Sr Application Engineer – Orlando FL office**

As an Applications Engineer (AE), you will be contributing to the success of the existing AE team and Account Managers by introducing new technology to Mentor Graphics' customers and driving deployment of Mentor software. The primary focus will be on Mentor tools that support system design including schematic capture, signal integrity, power integrity, constraint management and physical PCB layout.

**As an AE you will:**
- Enable customers to deploy and use Mentor Graphics' family of PCB design and analysis/simulation software in pre and post sales situations to optimize and streamline their design process
- Assist Account Managers to determine sales execution strategies by identifying and qualifying the match-up between customer needs and Mentor Graphics' software products
- Develop and present papers and workshops to increase customer technical and process knowledge
- Assist customers with technical problem resolution
- 30% travel will be involved, mainly within the Eastern United States and Canada.

**Job Requirements:**
- US Citizenship is required due to work at mil/aero customer sites
- BS/EE required, MS/EE preferred
- Ten years hands on experience in system design including, schematic capture, constraint management, high speed digital design, circuit analysis and physical board layout
- Specific industry experience in advance technologies such as DDR2/DDR3, Fiber Channel, XAUI, PCIe, and other Multi-Gbps technologies
- Understanding of fundamental Signal Integrity and Power Integrity theory and applications, HDI and PCB transmission line structure
- Demonstrated ability to build strong rapport and credibility with customer organizations
- Strong written and verbal skills are required, published technical papers and presentations a plus
- HSPICE, mechatronic modeling, FPGA design, 3D EM/RF, Verilog/VHDL, a plus
- Strong understanding of managing and/or defining engineering design processes, including project milestones and metrics from concept to manufacturing handoffs, a plus
- Experience with associated flows such as library management and data management, a plus