

**Position Title:** Field Applications Engineer-JC:0620-00055

**Position Location:** Santa Clara, California

**Relocation:** Not Available

**Travel Req:** up to 50% to Customer Sites

PDF Solutions, Inc. (NASDAQ: PDFS) is a leading provider of yield improvement technologies, services, systems and analytics for the IC manufacturing process life cycle. Headquartered in San Jose, Calif., PDF Solutions operates worldwide with additional offices in China, Europe, Japan, Korea and Taiwan.

**Position Summary:** PDF is seeking an experienced Field Applications Engineer to join the Exensio® team, to serve serves as the primary contact for end-users of the software. Customers include both external and internal (consultant teams). End users of the Exensio® client software are typically Yield, Product, Test, Assembly, Process and Defect Engineers.

### **Responsibilities:**

- Support Exensio® product deployment for new and existing clients at customer sites. Tasks include design, architect and ensure specification completeness in agreement with end customer.
- Partner with the PDF marketing and product teams to define requirements for Exensio® product development.
- Partner with PDF software development to drive and test software development activities.
- Work closely with sales team in all pre and post sales activities at customer sites.
- Drive presales activities including software demonstrations and analysis.
- Coordinate / manage data integration activities between the integration teams and customers / presales.
- Drive value with customers by helping them use Exensio® to identify and solve yield problems, analyze data.
- Assist customers in the creation of analyses and reports using Exensio®.
- Build and execute project plans for all of the above activities.
- Create detailed Software Requirements Specifications to describe new functionality and user interfaces.
- Participate in software design reviews and help drive strategic direction of the Exensio platform.
- Develop case studies and custom training material based on customer data.
- Conduct Exensio® training for the end user community.
- Create and present software demonstrations at seminars, trade shows and for potential customers.

## Field Applications Engineer

### Qualifications and Skills

- Master's degree or higher in Engineering, Physics, or Micro-Electronics
- Previous experience with PDF software such as Exensio®, dataPOWER®, or Maestria tools or Tibco Spotfire is highly desired
- Software programming experience, prefer scripting languages (R / S-Plus, Python, Perl, JAVA, .NET, etc.)
- Relational database knowledge (Oracle, Informix)
- Big Data experience strongly desired (Cassandra, Hadoop, etc)
- Machine Learning Experience preferred
- 7+ Years in Semiconductor Yield, Product or Process Engineering
- Statistical analysis of semiconductor data using a Yield Management System (dataPOWER®, Exensio, Klarity-ACE, Yield Explorer, YDI Genesis, Data Conductor, etc.) or a Statistical software package (JMP, Splus, SAS, etc.)
- Strong semiconductor Yield, Product, Process or Defect Engineering background.
- Knowledge of advanced statistical techniques (Regression /modeling, DOE, data mining, etc.)
- Teaching or training experience
- Excellent oral and written communications skills
- Highly professional, self-motivated and self-managed individual