

Position Title: Process Control Field Application Engineer JC: 092000082

Position Location: Europe, preferred Munich Germany, Netherlands, Austria or nearby Country.

Office Location: Munich Germany or remote

Travel: up to 50% based on customer requirements in EU

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. For the company's latest news and information, visit <http://www.pdf.com/>.

Position Summary: PDF is seeking a senior systems engineer to join the R&D team, who will serve 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 Semiconductor Equipment, Fault Detection Classification, Yield and Process Engineers and IT departments.

Job Duties

- 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 to:
 - Drive presales activities including software demonstrations and analysis.
 - Coordinate / manage / execute semiconductor equipment data integration activities using Exensio®.
 - Design and development scripts to transform data.
 - Manage, diagnose and resolve Exensio® component, database and data integration issues.
 - Drive value with customers by helping them use Exensio® to implement FDC and reduce scrape and drive value.
 - Assist customers in the creation of analyses and reports using Exensio®.
 - Build and execute project plans for all of the above activities.

Process Control Field Applications Engineer

- 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.

Qualifications and Skills

- BS in Electronics Engineering, Physics, Microelectronics, Computer Engineering, IE, Statistics. MS Preferred.
- 5+ Years in semiconductor factory experience working with fault detection classification and process tools
- MUST HAVE Experience performing semiconductor tool integration with the Maestria platform
- Previous experience with PDF software such as Exensio®, dataPOWER® or Tibco Spotfire desired.
- Experience with a variety of semiconductor manufacturing process tools
- Teaching or training experience
- Software programming experience, prefer scripting languages (R / S-Plus, Python, Perl, JAVA, .NET, etc.)
- Relational database knowledge (Oracle, Informix)
- Operating system administration knowledge (Windows, Linux)
- Big Data experience strongly desired (Cassandra, Hadoop, etc)
- Highly professional, self-motivated and self-managed
- Proven ability to work well with cross-functional teams
- Excellent Communications Skills, both written and verbal.