

**Position Title:** System Integration Engineer - JC 092000076

**Position Location:** Tokyo, Japan

**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 Integration Engineer to join the Exensio® team. An Exensio® Integration Engineer installs hardware and software, configures system settings, develops data loading modules and scripts and trains customer system administrators and user engineers to use Exensio. The system is used to retrieve data from a proprietary database schema and analyze the data interactively. All types of semiconductor manufacturing and testing data are stored in the database: FDC (equipment log data), WIP, Metrology, Defect, PCM, Wafer Probe and Final Test. This solution drives inline FDC actions using yield relevant data. This is a unique opportunity to contribute to the success of a high value product for our customers.

**Responsibilities:**

- Support Exensio product deployment for new and existing customers. Tasks include design, architect and ensure specification completeness in agreement with end customer.
- Partner with the PDF Marketing Group to define requirements for Exensio product/ system development.
- Partner with PDF Software Development to drive and test software development activities.
- Work with customers to identify and resolve issues with Exensio product/ system.
- Create detailed Software Requirements Specifications to document 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.

# Systems Integration Engineer

## Qualifications and Skills

- MS or PhD in EE, Information E, Statistics, Instrumentation Physics, Computer Science, Electrical E, Physical
- Design and built physical data flow models for ETL applications
- 5+ years processing complex data
- Hands on experience scripting/programming with Perl, Python, shell, and SQL
- 5+ years working on Oracle database basic administrator tasks (install/backup/daily maintenance/troubleshooting)
- Experience with Cassandra database basic operation
- Proven knowledge of Computer Architecture

At least 5 Years working with:

- Linux/Unix server
- Windows server
- Cloud server
- Ability to prioritize tasks and work independently
- Excellent oral and written communications skills
- Excellent self-study ability
- Highly professional, self-motivated and self-managed individual
- Experience with semiconductor is a big plus.