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## System Engineer Ground Segment

**Company:** RapidEye AG  
**Department:** Operations and Engineering  
**Location:** City of Brandenburg, vicinity of Berlin, Germany  
**Date Posted:** June 2010

If there were a way to use satellite technology to find you, we would do so. If you are an entrepreneurial, interdisciplinary-minded individual who would love to work at a fast-growing company in an international team, read on! We are building an exciting new service team and are looking for a select group of outstanding people.

### Background:

RapidEye AG is a provider of geospatial management information and solutions, customized to the needs of clients in the Agriculture, Forestry, Power & Communication, Environmental and Governmental markets. As its main data source, RapidEye operates a constellation of five identical high-resolution Earth Observation satellites capable of imaging any point on Earth every day. Combining the knowledge and skills of our professional staff with the unique features of our satellite constellation and ground processing facility, we are the only provider who can supply the most up-to-date, customized information to clients around the world.

As a fast growing service and customer oriented company, RapidEye is seeking highly qualified, proactive and reliable team players working from our headquarters in Brandenburg an der Havel, Germany. RapidEye has an immediate opening for a System Engineer Ground Segment f/m to join the Operations and Engineering Team, which is responsible for the entire products processing chain. This is a unique opportunity to be directly involved in the operation of a complex, satellite based remote sensing system. The expertise of the team in combination with a thorough understanding of the system will be used to improve and optimize current operation procedures, resolve issues and develop future enhancements.

### Responsibilities:

- A thorough understanding of the system's design is required to support operation.
- The operation of the Ground Segment requires constant validation and improvement of existing procedures, to obtain the best possible performance.
- Anomalies have to be quickly resolved; this requires from the Ground Segment Team also a good understanding of the overall system, including the satellites.
- Enhancements to the Ground Segment have to be identified, designed, implemented,

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tested and brought on-line.

### **Requirements and Skills:**

- Five or more years of system engineering working experience, preferably with satellite data image processing systems or equivalent.
- Experience with real operational systems, involved in the day-to-day generation of products to service customers
- Design experience of software and hardware systems, involving large storage capabilities (100TByte and more), high data rate interfaces, computational intensive processes and largely automatic operation.
- Experience in taking delivery, verifying and accepting complex systems
- “Hands-on” person – for example enjoys interacting with the operators team, or writing scripts to analyze system behaviour
- Strong skills in hardware and software integration, test and trouble shooting.
- Basic knowledge of the LINUX and Microsoft Windows XP operating systems.
- Self-starter, works on own initiative, but communicates her/his plans, ideas, and concepts to her/his supervisor
- Must enjoy being part of a multi-disciplinary team
- Excellent written and oral communication skills
- Fluent in written and spoken English, German a plus, other languages welcome

### **Desired Specific Experience:**

- Hands-on experience with a SGI Altrix 350 server or comparable
- Knowledge of the QualStar Robot Tape Library environment using LTO-3 tape technology is a plus
- Mature understanding of database technology, preferably hand-on experience on a spatial Oracle 10g and/or PostgreSQL 8.1 database
- Knowledge of generating, maintaining and using ground control points and associated image chips.
- Basic theoretical understanding of the generation process of digital elevation models. Knowledge of the software packets SocetSet and/or PCI Geomatics is a plus.

### **Compensation:**

We offer an attractive compensation package with strong emphasis on success-driven elements with rewards being based on the long-term success of the company. RapidEye is an equal opportunity employer.

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**Contact:**

If you think you can contribute to the overall success of our company, please send us your electronic application with a CV and cover letter in English or contact us directly at:

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We look forward to hearing from you soon!