

Ground System Analyst/Systems Administrator

Come join Calian's Satellite Operations team as we fly unique space missions that benefit Canadians and international partners. We conduct our operations in a pioneering yet sustainable fashion and are proud to have flown RADARSAT-1 more than triple its original design life. Our existing responsibilities consist of SCISat (18 years and counting), NEOSat (more than 9 years), RADARSAT-2 (more than 15 years) and recently the RADARSAT Constellation Mission (RCM). With decades of flight heritage and an exciting future of cutting-edge missions, you can join the Calian team that ensures great ideas translate to great results.

Calian is a Canadian-based, publicly traded company with an international reputation for excellence and stability. To learn more about who we are visit our website and explore the Advanced Technologies section – www.calian.com

Position:

The **Ground Systems Analyst** works hand-in-hand with the rest of the operations team, which is based in Saint-Hubert Quebec and ensures a healthy fleet of spacecraft. From observing ozone particulates to imaging natural disasters to hunting comets, each mission is unique with different needs and support requirements. The Ground Systems Analyst ensures terrestrial systems are maintained for successful mission operations, from the data links and network security through to the hardware processing the various application layers. The nature of the operational environment requires support of mission procedures, troubleshooting tightly integrated and complex systems, while contributing to a 24/7 on-call schedule. Participating in the Launch and Early Orbit (LEOP) phase, Commissioning and Routine phases and the Decommissioning phase, the Ground Systems Analyst is a challenging position that helps ensure all mission deliverables. The GSA position contains four different levels depending on employee qualifications and responsibilities: Entry, Intermediate, Senior and Lead.

Responsibilities:

- You have a strong technical background with an inquisitive and curious mindset, able to investigate sometimes very complex scenarios to understand, explain and recommend solutions to both technical and non-technical audiences
- You are comfortable expressing your opinions and can provide expert advice. We continually foster our team culture in an inclusive and professional fashion
- You will perform network and systems administration functions, such as:
 - assess the performance of all systems
 - identify any system level issues
 - upgrade and develop new functions
 - maintain or improve the system hardware and software to increase system availability or performance

- You will support to future mission operations development, LEOP and commissioning
- You will work to ensure operational issues are resolved in a timely manner and provide support on an on-call basis
- You will support internal staff training (including cross-training) to ensure that existing and new personnel are able to perform assigned tasks

Qualifications:

- Post-secondary technical education, either
 - a D.E.C. or equivalent as a minimum
 - University Degree in Computer Science, Engineering, or equivalent
- Fluent knowledge of both spoken and written English is required and French is an asset
- Experience with one or more of the following elements would be an asset:
 - Languages; C/C++, SQL, Unix Shell Script, Matlab, Labview, Perl, Python, PHP, Java
 - Operating systems; UNIX, Microsoft Windows products, Linux
 - Database Management Systems; PostgreSQL, MySQL, Microsoft SQL server
 - Software development and documentation
 - Best practices around management, control, and monitoring of server infrastructure
 - Network troubleshooting and problem resolution
 - Ability to set up and configure server hardware and virtualized systems
 - Backup and recovery software and methodologies
- This position requires qualities such as autonomy, team spirit, adaptability, stability, analytical skills, sense of responsibility and a willingness to learn

Why Work for Calian Advanced Technologies?

- Opportunity to make an impact by building and supporting projects that millions of people depend on daily
- A team-oriented work environment that promotes learning, collaboration, and skill improvement
- Annual salary and performance reviews, with one-on-one sessions to support career development
- Robust company paid benefit plan with the option to participate in the employee stock purchase plan

The ability to meet the requirements outlined in the Canadian Controlled Goods Program is mandatory. All employees are required to apply for and receive a Government Security Clearance.

The successful application will be required to work on site at our Saint-Hubert facility while adhering to all Federal, Provincial and company COVID-19 measures and guidelines.

Thank you for your interest in Calian!