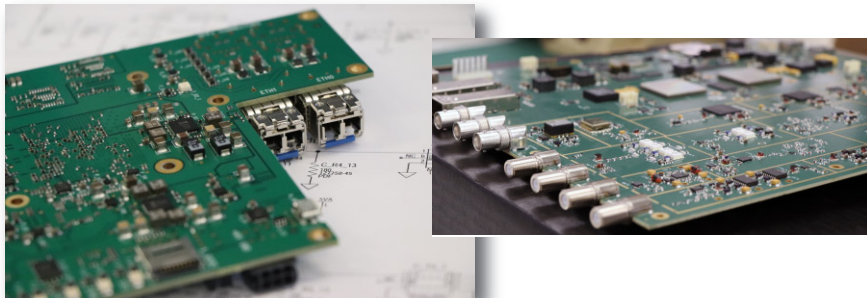




Hardware Engineering Careers



Overview

- Part of the Calian Group Ltd.
- Specializing in Satellite and Cable Communications
- Main location in Saskatoon, SK, second location in Edmonton, AB
- In business for over 55 years
- Diverse Engineering department with 140+ employees, including approximately 40 in Hardware Engineering



Working at Calian, Advanced Technologies

Project Teams

- Teams work together to deliver complex systems and products to customers.
- Key Skills:
 - Embedded Software Development
 - FPGA Logic Development
 - Electronic Circuit and PCB Design
 - DSP Algorithm Development
 - Requirements Analysis and Verification
- Multi-disciplinary teams sit together to foster collaboration.

Modern Development Environment and Practices

- Programming Languages: C++, VHDL, and Python
- The latest development tools:
 - Xilinx Vivado, Matlab, DxDesigner, PADS Power PCB, ADS Simulation, Genesys, git (source control), Bitbucket (git host and code reviews), JIRA (issue and project tracking), Confluence (wiki), Jenkins (continuous integration)
- Modern practices: informal Test Driven Development, code reviews, continuous integration, continuous process evolution
- Best practices for Detailed Design, FPGA Logic Development, Embedded SW Development
- Slack and Confluence used for team communication.

Career Development

- New designers assigned simple tasks that become progressively larger and more complex
- Mentorship - senior to junior pairing
- Employee feedback reviews.

International Customers and Industry Partnerships

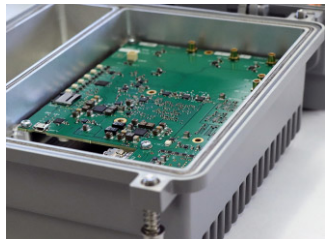


We work on complex, leading edge systems and products like:

Next gen cable network analyzers (Rohde & Schwarz)



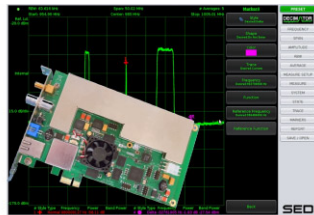
Remote PHY DOCSIS technologies and advanced signal processing algorithms



Deep space antennas for the European Space Agency



High performance, low cost, digital spectrum analyzer product - Decimator



High reliability modulator for Satellite Radio Terrestrial Repeater network



RF Gateways provide links to communications satellites (Hughes, Inmarsat)



Employee Benefits

Our employees enjoy a variety of competitive benefits & perks.

Flexible Work Hours	37.5 hr work week, flex time, overtime paid or banked at 1.5X
Easy Access	Near several bus routes and cycle trails, bike lockup compound, affordable onsite parking \$4/month
Company-paid Benefits	Comprehensive plan including vision, dental, prescription drugs, massage, etc. Life insurance, Accidental Death & Dismemberment (ADD), Employee Assistance Program (EAP), Pension at 5% of salary
Food Options	On-site cafeteria has hot and cold food choices. Several other options within walking distance
Social Activities	Games room, monthly social activities, access to Innovation Place gym, discounted Motion Fitness rates
Environment	Beautiful custom built location with glass-roofed atrium & tropical plants. Located in Innovation Place, adjacent to U of S campus, near the Meewasin trail system.

We are looking for talented and creative people with degrees in:

- Engineering Physics
- Computer Engineering
- Electrical Engineering
- OR above combined with Computer Science

Apply Online Today!

www.sedssystems.ca/careers/current-opportunities



Human Resources
Calian, Advanced Technologies
T: 306-931-3425
18 Innovation Blvd
Saskatoon SK S7N 3R1