



Advanced Technical Support Engineers/Developers (R&D)

- **You are an expert in your field**
- **You thrive on challenge and solving difficult technical problems**
- **You are uniquely suited to support Vecima's world class vendors and customers.**

Vecima Networks Inc. (TSE: VCM) is a world-class designer and manufacturer of advanced broadband products, employing over 900 people. Our products are shipped around the world and are used by major international companies to deliver Digital TV, Video-on-Demand, and Broadband Internet service in over 30 countries.

The role of the Advanced Technical Support Engineers and Developers is to troubleshoot and debug issues raised by Vecima's data-over-cable and digital video customers. Working under the umbrella of Vecima's Research & Development group, the successful candidates will be responsible to provide solutions to issues raised by Vecima's customers after they are escalated from Vecima's first-line support group.

The successful candidates will work as developers in new product development teams to gain a deep knowledge of Vecima's products, and will use this knowledge base to debug and solve complex bugs and technical issues when necessary. They will possess an Electrical or Computer Engineering Degree, Computer Science degree, or equivalent along with a strong background of industry experience and customer liaison.

These positions are located in our main Research and Development center in Saskatoon, Saskatchewan.

Qualifications:

- Electrical or Computer Engineering Degree, Computer Science degree, or equivalent
- 5 years industry experience in a product development environment
- Experience with customer liaison, troubleshooting and issue resolution

Candidates in the following fields of expertise will be considered:

- Embedded applications software development
- Digital and RF circuit design
- FPGA development
- Embedded microcontroller software development

Duties to include (but not limited to):

- Recreate and verify issues raised by customers
- Troubleshoot issues and solve them
- Contribute as new product developers in R&D teams to gain accurate product knowledge

The successful candidate will have skills, interests and/or experience in several of the following areas:

- General electronics hardware and/or embedded software design. Specialized knowledge in design, test, integration and maintenance of CATV headend equipment is desirable.
 - Embedded applications software - Networking protocol implementation and analysis, software architecture and design, software testing methods and automation, userland C programming in a Linux/Unix environment
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- Microcontroller software - ARM microcontrollers using C/C++ and/or Assembly, I2C, SPI, RS232, and USB buses
 - Visual Basic .NET programming
 - TCP/IP, UDP/IP, SNMP, HTTP
 - Digital design - high speed ADC/DACs, DDR/QDR memory, gigabit ethernet, bus interfaces
 - RF design - upconverters, digital modulators, digital demodulators, transceivers (primarily in frequency ranges between 10 MHz and 6 GHz), broadband matching (ie: 50 MHz to 1 GHz), CATV line equipment (nodes, amplifiers, etc.)
 - FPGA development – Verilog or VHDL, packet processing, signal processing, modulation/demodulation, logic gates, memory/latches, synchronous and asynchronous design and reduction strategies, finite-state machines, closed-loop responses and stability
 - Experimental verification and debugging of high speed digital and RF circuits using equipment such as logic analyzers, spectrum/signal analyzers and pattern generators
 - Customer liaison

Ability to work in a team and individually, plus ability to manage and coordinate multiple priorities and meet tight deadlines are essential. Successful applicants for this position will participate in shared on-call responsibilities.

Vecima Networks Inc. has a competitive compensation and benefits package, and strives to provide a challenging work environment that can foster skill development and personal career growth for all employees.

If you are looking for a challenging career move in test software development, we want to hear from you! To apply, please direct your cover letter and resume, including salary expectations, to the contact below.

Apply Now

Applicants are requested to forward the following information with their application:

- resume
- salary expectations

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