Position Specification for  
Sr. Embedded Linux Software Engineer

Job Description
We are seeking a strong Sr. Embedded Linux Software Engineer to join the core product R&D group. This is a highly influential position and the individual will play a critical role in driving the next generation architecture for Vertical core Unified Communications appliance platform and application delivery architecture.

What you will be doing:

• Own core Linux environment including boot loader, HW support packages and tools.

• Expand, evolve and optimize Vertical’s Linux based embedded architecture to accommodate and interface with higher level call processing and UC applications.

• Evangelize Linux, embedded platform, frameworks and tools within the product engineering organization and mentor other engineers to better utilize OS and embedded capabilities.

• Work with a group of talented engineers to design and develop firmware, drivers, diagnostics tools and new services to support core call processing infrastructure, networking, DSPs and various telephony interface modules.

• Investigate new technologies, frameworks and help with architecture, design and implementation of product enhancements to support CPE, Cloud and Hybrid deployment models.

Job Requirements & Qualifications

• Experience developing and supporting real-time embedded systems in a Linux environment.

• Minimum of 5+ years designing, developing & debugging drivers, firmware, and software in embedded Linux environment.

• Excellent coding skills in C/C++.

• Experience with Linux Tool chains and tools. Experience with Autoconf and Ptxdist is highly desirable.

• Experience working with boot loaders such as Redboot & Barebox.

• Expertise in shell scripting.

• Development experience in embedded hardware systems involving embedded processors (Intel IXP, Mindspeed etc), PCI, IP, DSPs is highly desired.

• Development experience in VM environment not required but is a plus.

Education Requirements

• BS in Computer Science or Engineering field (or equivalent) is required.