

## Senior Software Engineer

### Focus:

Responsible for designing, developing, maintaining, and enhancing C/C++ code for RTX, real-time extension for Windows, and ETS, embedded real-time operating system (RTOS).

### General:

- Experience taking projects from concept to completion, including design, prototyping, testing and troubleshooting
- Ability to develop low-level software requirements from high-level system requirements
- Strong inter-personal and communications skills
- Ability to work in a small team environment and independently.
- Ability to mentor junior software engineers

### Requirements:

- Strong working knowledge of x86/x64 architecture
- Experience working on embedded RTOS
- Strong knowledge of C/C++
- Working knowledge of Assembly
- Experience with kernel-level debugging
- Experience developing and debugging multi-process / multi-threaded software
- Experience designing/developing development support tools
- Experience developing device drivers

### Pluses:

- Knowledge of the Windows kernel
- Experience with file systems development
- Experience developing user interfaces for development tools
- NDIS knowledge and mini-port development
- SMP architecture and development experience
- Parallel programming experience

### Qualifications and Educational Requirements:

- BS Computer Science or Electrical Engineering; MS preferred.
- Minimum 5 to 7 years in software/firmware development for embedded systems.