

Nucleus μ PLUS

μ ITRON Standard V4.0-based Interface to Nucleus PLUS

Description:

Accelerated Technology's™ extensive product offering and years of experience have established us as the leader in source code, no royalty solutions in the embedded market. Because of our desire to remain a leader in the industry, we are introducing Nucleus μ PLUS, a real-time operating system for embedded systems that is based on the μ ITRON 4.0 Standard profile. The μ ITRON standard profile defines RTOS architecture for embedded systems, and version 4.0 focuses on productivity, reusability, and portability of embedded software.

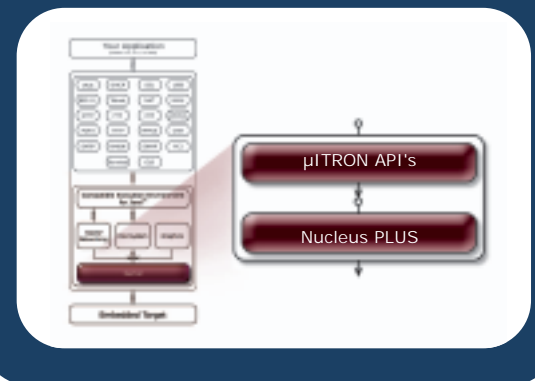
First, by porting our real-time kernel (Nucleus PLUS) to the μ ITRON interface standard, you can freely move your legacy applications to any number of CPU's while gaining the benefits of a source code, no royalty solution. Moreover, with our extensive prototyping and development tools, you will have a state-of-the-art facility for building their embedded systems.

When you use Nucleus μ PLUS, you will also have access to the complete, native Nucleus PLUS interface. This means that all of Accelerated Technology's add-on products such as networking, graphics, file system, and World Wide Web Server will be available immediately.

We believe that Nucleus μ PLUS is the first truly portable embedded μ ITRON software solution that is available on such a wide variety of processors, that includes the source code, and where royalties are not charged for incremental product shipments. Furthermore, with a well-entrenched customer base in the U.S. and Europe, we believe that Accelerated Technology will be a catalyst for the adoption of the μ ITRON standard world-wide.

Features:

- Based on μ ITRON 4.0 Standard profile
- Supports a portion of the Extended profile
- Application can use Nucleus PLUS functions and Nucleus μ PLUS functions
- Supports the widest variety of CPUs in the industry- Uses the same architecture for different CPUs
- Strong development environment, where traditional μ ITRON is weak-Supports test environment on Windows, integrated development environment, and source level multi-task debugger
- Has wide variety of middleware support: TCP/IP, SNMP, Web Server, Graphics Library, File System, DHCPD, FTPD, ISDN, ATM, PPP, PCMCIA, IrDA, JPEG, etc.
- High maintainability by providing source code
- Royalty free - suitable for high volume products



Contact

Sales Department
Accelerated Technology,
Embedded Systems Division of
Mentor Graphics

739 North University Blvd
Mobile, Alabama 36608

Phone: 251.208.3400
Fax: 251.343.7074
Toll free: 800.468.6853
Email: info@acceleratedtechnology.com
Web: AcceleratedTechnology.com

