Real–Time Operating Systems

Real–Time OS Suppliers

Accelerated Technologies,Inc.

JMI Software Systems, Inc.

KADAK

Lynx Real–Time Systems, Inc.

Wind River Systems, Inc.

Real–Time Operating Systems

Nucleus

Accelerated Technologies, Inc.

Nucleus

Features:

- Full Source code Available, Designed for Embedded Applications
- Standard No Royalty Licensing
- No Restrictions on the number of Workstations
- Nucleus Products can be purchased individually
- Ported to Major MIPS™ Products
- All Development Environments supported

Includes:

- Nucleus RTX – Basic Real–Time Kernel
- Nucleus PLUS – Full Featured Real–Time Kernel
- Nucleus NET – TCP/IP Networking Protocols
- Nucleus FILE – MS–DOS Compatible File System
- Nucleus DBUG – Multi–Tasking Debugger
- Nucleus LWT – SUN Solaris I & II Development Environment
- Nucleus PC – PC Development Environment

Contact:

James E. Little II or Sales Department
P.O. Box 850245, Mobile, AL 36685
(205) 661–5770 or (800) 468–NUKE FAX (205) 661–5788

Real–Time Operating Systems

C Executive

JMI Software Systems, Inc.

C Executive®

Features:

- Real–Time Kernel implemented as C function calls
- C language Device Drivers
- Optimized for C language applications
- Standard I/O and redirection
- Highly portable
- R3000®, R4000® – 32 bit Mode Support
- Available for MIPS® ANSI C, Green Hills C, IDT C

Includes:

- CD–DOSFILE™, DOS compatible file system
- CE–VIEW™, System level debugger/analyzer
- CE–TCP™, TCP/IP communications

Contact:

JMI Software Systems, Inc.
P.O Box 481, 904 Sheble Lane,
Spring House, PA 19477
(215) 628–0840
(215) 628–0353 FAX

Real–Time Operating Systems

AMX 3000

KADAK Products Ltd.

AMX 3000

Features:

- Full–featured, compact, ROMable kernel
- Fast interrupt response
- Preemptive, priority scheduling, Optional Time–Slicing
- Separate message, semaphore, synchronization, allocation, list manipulation, and memory managers.
- Configuration Builder utility to ease system construction
- InSight Debugger views system internals and gathers execution statistics
- No binary royalties, Source Code included
- One price for all applications

Contact:

Douglas Seymour
206–1847 West Broadway, Vancouver, BC, Canada, V6J 1Y5
(604) 734–2796

Real–Time Operating Systems

LynxOS

Lynx Real–Time Systems, Inc.

LynxOS

Features:

- Fast, predictable real–time Performance
- Compact, ROMable kernel
- Application Programming Interfaces to UNIX System V.3, BSD 4.3, and POSIX allow developers to easily port POSIX and UNIX software to LynxOS
- True multi–process OS – provides memory protection between processes while allowing multiple threads per process
- Implements POSIX.4 (real–time extensions) and POSIX.4a (threads extensions)

Includes/Options:

- Operating system source code with development tools
- Optional TCP/IP, NFS, STREAMS, X Window System, Motif

Contact:

Lynx Real–Time Systems
16780 Lark Avenue, Los Gatos, CA 95030
(408) 354–7770, (408) 354–7085 FAX, email: sales@lynx.com

VxWorks

Wind River Systems, Inc.

VxWorks®

Features:

High–performance, multitasking wind™ microkernel
Easily configured for execution environment
Symbolic and source–level debugging
Seamless environment from development to delivery

Includes:

Integrated networking facilities such as TCP/IP, sockets, NFS, & SNMP
Support for industry standards including ANSI–C and POSIX
Optional WindPower™ Tools for enhanced developer productivity

Contact:

Lauren Hartley
1010 Atlantic Avenue, Alameda, CA, 94501
(510) 748–4100