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Products Showcase

You're Invited

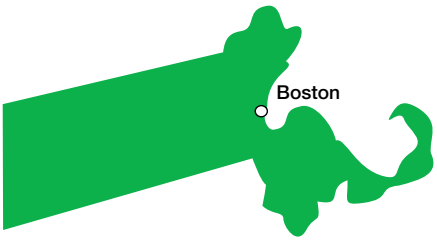
# Boston, MA

April 27, 2006

Real-Time & Embedded
computing conference

# Location

## bringing an essential resource to you




**Boston, MA**
April 27, 2006

### Sheraton Framingham Hotel

1657 Worcester Road
Framingham, MA 01701
508-879-7200
www.rtecc.com/boston

**8:00–3:30 pm / Exhibit Hours**

**8:30–2:00 pm / Conference Hours**

Register now at www.rtecc.com or call 800-755-7380

*To view future dates and locations online, go to www.rtecc.com*

# The Event

## Real-Time & Embedded Computing Conference

**Your Essential Resource.** This single-day event is specially designed for people developing computer systems and time-critical applications serving multiple industries, such as: military and aerospace, industrial control, data communication and telephony, instrumentation, consumer electronics, image processing, process control, medical instrumentation, vehicular control and maintenance, embedded appliances and more.

**Technology Knows No Borders**. Around the globe thousands of your peers attend the Real-Time & Embedded Computing Conference every year. Join us and be a part of an event that offers what you need to get ahead.

**This invitation is your FULL COMPLIMENTARY PASS**

**Exhibition. Your Resource Opportunity**
**8:00 – 3:30 pm**

**Open-door Technical Sessions**
**8:30 – 2:00 pm**

**Walk-ins Welcome**

**Pre-register by April 20th and we'll have a badge waiting for you.**
**Register Online at www.rtecc.com**
or call The RTC Group at 800-755-7380


Real-Time & Embedded computing conference

# Open-door Technical Sessions

## Technical Session Hours: 8:30 am–2:00 pm

**8:30 – 9:15 am**

### Model-Driven Design for Embedded Systems
presented by Accelerated Technology

Getting quality product to market on time is the name of the game. You owe it to yourself to understand the software development tools that can dramatically increase your productivity. This talk will introduce a proven approach to collaborative development which will reshape software development as much as the discovery of high-level languages.

### Windows® XP Embedded Technical Seminar
presented by Arrow Electronics

Come hear about the embedded operating system that enables you to rapidly build powerful devices using the power of the Windows operating system in componentized form. Once you've completed this session, you'll be ready to build your own devices using the Windows Embedded Studio set of tools.

### Physical Layer Switches Replace Manual Patch Panels
presented by Curtiss-Wright Controls

Physical layer switches can replace manual patch panels in any communication lab or video center. By automating the connections, these switches can lower capital equipment and operation costs, decrease configuration and reconfiguration times by wiring once and decrease time-to-market on products/projects. Join us as we discuss how physical layer switches can make interop and test labs more efficient and cost effective.

### Managing Development Environments
presented by DDC-I

The choices faced by software teams today are overwhelming - languages, IDEs, operating systems, mixing legacy code and new development, to name a few. Now vendors are making choices that enable managers to choose a road on which choices may be deferred or mixed. POSIX makes it possible to plug code into a number of RTOS's, and the Eclipse IDE integrates many tools into a common IDE. The SCORE Eclipse Plugin gives mixed language capability to real-time embedded systems with or without a full RTOS.

### Moving from 8-bit to 32-bit MCUs
presented by Keil Software

Experienced 8-bit developers are always looking for a more powerful MCU. With per-chip costs dropping rapidly, 32-bit ARM-powered devices are now a logical, attractive choice for many embedded applications. However, the complexities of 32-bit hardware and software development may seem monumental and answers elusive. This seminar addresses these issues while demonstrating the ease with which new ARM developers can quickly begin to develop and test applications using the Keil Development Tools for ARM.

### Developing Device Drivers for Microsoft Windows CE
presented by Logic Product Development

Basing new products on the Microsoft Windows CE Operating System allows developers to leverage an entire industry worth of software tools, applications, and libraries. Despite all of this pre-built software, embedded engineers will often find themselves developing one or more custom device drivers for their Windows CE platform. This session will feature what this development effort entails. Topics will include the Windows CE device driver model, using existing drivers, documentation, debugging, and launching your new device driver.

### Mastering MDA Composable Systems Bouillabaisse
presented by Objective Interface Systems

Bring your requirements and tools and together we'll create a savory real-time dish, steeped in technology yet palatable to management. Using the Finest Ingredients: 2C Real-time CORBA base, 2C Data Distribution Services. 1 Part Partitioning Communications System, and 1 Dash communications stack of your choice. Directions: Fold together CORBA and DDS until well composed. Add PCS security to accreditors taste. Simmer with DO-178B seasoning. When certified, top with Common Criteria Sauce, and serve up the profits.

**9:45 – 10:30 am**

### Decision Criteria for Choosing Windows vs. Linux for Real Time Development
presented by Ardence

Gain an in-depth understanding of the benefits and pitfalls of choosing Linux vs. Windows-based solutions. How 'free' is Linux? Can Windows provide hard real time performance? We will test the myths and share the facts about both platforms with respect to features, support, licensing, debugging, costs, and development tools.

### uTCA - A System Architecture for All Industries
presented by Motorola

Advance Telecom Communications Architecture is an emerging standard that was developed to target telephony applications. Engineers have been investigating other non-telecom applications specifically military and aerospace and are finding a far-reaching and open foundation. A new mezzanine standard, AMC developed to supply I/O to highly reliable ATCA applications, will be the foundation for a new type of system architecture, MicroTCA.

### Avoiding the Most Common Software Development Goofs
presented by Coverity

As embedded software becomes larger and more complex, developers are increasingly challenged to deliver better-quality code. Having worked with thousands of developers and scanned hundreds of millions of lines of code, we will present the most common embedded software coding errors. We'll also show developers how to avoid these mistakes with good coding practices.

### The Role of an OS & Network Stack in Designed High Reliability Networked Devices
presented by Green Hills Software

Join us for a technical discussion on the role of an operating system and network stack in designed high reliability networked devices. We'll discuss networking requirements as well as implementation details to provide performance, uptime, and response time guarantees for embedded systems.

### Linux for Embedded Systems
presented by LynuxWorks

We will demonstrate how you can develop with Linux in all your embedded designs, from general purpose, to hard real-time, to safety critical and secure systems. You will learn how to develop multiple applications using the same API and with the same tools regardless of the operating systems requirements for the end product.

### Utilizing PCI Express Technology
presented by One Stop Systems

New PCI Express technology offers tremendous performance and architectural benefits for industrial, instrumentation, communication and military applications. This session will describe the key features of PCIe, and provide an overview of the many form-factors the new technology is being used in. Particular focus will be paid to the new capabilities of PCIe over a cable, network architectures and system configurations utilizing CompactPCI Express board-level products.

### Strategies for High Speed Data Acquisition
presented by Pentek

We'll discuss how FPGAs, switched fabrics and high-speed A/D technologies are being exploited in next generation COTS real-time systems. Topics include the implementation of the new industry standard VXS switched fabric backplane; streamlined synchronization capabilities for beamforming and direction finding systems and more.

### The Transition to Multi-Core: Is your Software Ready?
presented by QNX Software Systems

We will explore the benefits of multi-core processors, such as increasing performance, reducing MIPS per watt and reducing system footprint. Dual-core processors are already available and future generations will move beyond two processing cores. While multi-core processors are rapidly becoming a reality, is your software ready to handle the transition? To date the majority of software has been developed for uni-processor systems. Learn how the innovative features of our Momentics Multi-Core Edition helps you preserve your existing software base while migrating to multi-core processing environments.

# Open-door Technical Sessions

**11:15 – 12:00 noon**

### Comprehensive Development Flow Using Eclipse-based Tools
presented by Accelerated Technology

Eclipse-based tools create a comprehensive development flow from design to deployment. This seminar will demonstrate the design-to-deployment flow using the Nucleus RTOS in an Eclipse-based tool that supports plug-ins for design (xtUML) and simulation (EDGE SimTest). See how the embedded developer is supported with a wide variety of processors/cores, tool sets, debug environments, compilers, connections and RTOS.

### Building Very Wide Band Digital Receivers and Energy Detection Systems
presented by Annapolis Micro Systems

Join us for a discussion on using our COTS Family of A/D I/O cards and PCI and/or VME base boards to build Wide Band Digital Receivers and process the entire spectra without decimation or data loss. We will discuss how you can program the FPGAs for energy or Pulse detection at these rates using our Application Development Tool -CoreFire.

### Windows CE Technical Seminar
presented by Arrow Electronics

We will demonstrate why the latest version of Windows CE is an embedded operating system worthy of evaluating for your next device. We will cover the basics behind the platform and application development tools and get everyone up to speed on what scenarios Windows CE enables, what features it supports, and more.

### Using Real-Time Mobile Database Technology for Ubiquitous Networked Robots
presented by Empress Software

Much the same way that computers have revolutionized society, robots are becoming ready candidates to take on an increasingly significant role. Ubiquitous networked robots are collections of heterogeneous types of robots connected through the linkage of ubiquitous networks. This session presents insight into methodologies and techniques using real-time embedded mobile database technology in ubiquitous networked robotic process control.

### Stop Writing Your Own Middleware
presented by Enea Embedded Technology

Join us for a technical presentation on Element and learn how you can stop writing your own middleware! Element is an application development framework and high-availability middleware for distributed telecom, datacom, automotive, industrial control and medical instrumentation applications. Element provides instrumentation, fault management, upgrade management, and shelf management services that make it easy to monitor, provision, service, upgrade, and fine tune distributed networks.

### Cell Broadband Engine Architecture in Embedded Computing Applications
presented by Mercury Computer Systems

The IBM Cell Broadband Engine processor is a heterogeneous multiprocessor consisting of a 64-bit Power core, augmented with eight specialized co-processors called SPUs (synergistic processor units), based on a single-instruction multiple-data (SIMD) architecture. Developed for the gaming industry, the 192 GFLOPS, multi-core Cell BE offers more than 10 times the compute power of any other processor currently available. We will provide an overview of the Cell BE architecture and describe examples of how it will alter the landscape in numerically intensive applications.

### Optimize Your Linux & VxWorks 6.0 Development
presented by Wind River

Learn about the technical advantages of using our Eclipse-based Workbench development suite to optimize both Linux and VxWorks 6.0 device software development. We highlight the advantages and the how to of using a common development environment for multiple target applications using multiple operating systems, architectures, processor families, languages and connection types. We will explore such Workbench features as messaging channels and simultaneous debugging capabilities and the ability to extend your development environment with hundreds of tools from the Eclipse community.

**Be Our Guest for Lunch**

**1:15 – 2:00 pm**

### VITA 46
presented by Curtiss-Wright Controls

VME PCI Serial Switched Fabrics breaks out from the traditional connector scheme of VMEbus to merge the latest in connector technology with the latest in bus technology. VITA 46 combines best-in-class technologies to assure a very long technology cycle similar to that of the original VMEbus solutions. Learn the why, what and where of the new VMEbus standard.

### Embedded Networking with CAN & CANopen
presented by esd electronics

Controller Area Network (CAN) is a serial network that has become a popular choice for industrial automation and other applications. It is a two-wire, low-cost and high-speed bus with powerful error control and recovery features that is well suited for real-time control applications using short messages. As one of the more popular higher-layer protocols on top of CAN, CANopen combines all known communication methods and structures in an "open" fashion. Visit this session to learn more about the technology.

### How to Debug ARM Applications Using uVision3
presented by Keil Software

We are conducting this seminar on How to Debug ARM Applications using the Keil µVision Simulator and the ULINK USB-JTAG Adapter. This introduction to µVision3 features the simulation of many on-chip peripherals including interrupts, timers, serial, and CAN controllers. This seminar shows how the compiler catches syntax errors and the debugger helps catch programming logic errors.

### Optimizing Windows CE for your hardware architecture
presented by Logic Product Development

The efficiency of an embedded system is determined in large part by the integration of hardware and software. Logic will present on some of the underlying architectural features of Windows CE that enable the developer to make the most of a CE based design. Careful attention to interrupt architecture and scheduler parameters can yield the benefits of a fast RTOS in a CE design, while taking advantage of the rich feature set that CE offers.

### Linux Advances in the 2.6 Kernel
presented by LynuxWorks

We will discuss the advances in the 2.6 Linux kernel and how these kernel advances are better suited to embedded systems, particularly those systems requiring some degree of determinism and predictable performance. We will also address why POSIX conformance is important for embedded developers.

### In-Memory Database Systems: Strategies For High Availability And Durability
presented by McObject

Embedded systems put requirements on databases that are not well served by conventional DBMS. In-memory databases have emerged as a popular solution for embedded systems, offering efficient CPU utilization and superior predictability and performance. However, an in-memory database is vulnerable. We will explore strategies to overcome vulnerability, specifically High Availability and Transaction Logging of McObject's in-memory embedded database, eXtremeDB.

### Building Graphical User Interfaces
presented by Tilcon Software

Learn how to save time developing you next Graphical User Interface. Find out how you can create stunning graphic user interfaces that can be moved across operating systems like VxWorks, QNX, WinCE, XP and Linux without code change. And learn how to prototype a multi-screen user interface without the need to write any C code.

Visit www.rtecc.com/boston for updates and added technical sessions

# Exhibitors

*as of April 5, 2006*

### AAEON Electronics
www.aaeon.com

AAEON designs and manufactures single board computers, in form factors from PC/104 to full-size CPU cards; plus ETX SOM modules. We feature domestic hardware application and OS support.

### Abatron
www.abatron.ch

Develops and produces high-quality, high-speed BDM and JTAG Debug tools.

### Absolute Analysis
www.absoluteanalysis.com

We are a leading provider of computer bus analyzer equipment through its Explorer Series of analyzers and traffic generators.

### Accelerated Technology
www.acceleratedtechnology.com

A leading provider of real-time & embedded systems development software, spearheading Mentor Graphic's expanded Embedded Systems Division.

### Acromag
www.acromag.com

Providing measurement and control solutions; Embedded I/O boards including VME, PCI, CompactPCI, Industry Pack, and PMC I/O modules.

### ACT/Technico
www.acttechnico.com

Certified to ISO 9001:2000, ACT/Technico provides system architecture, hardware and software design, and products from market leaders to deliver complete solutions.

### Advantech Embedded Computing
www.advantech.com/epc

We specialize in multi-form factor, semi-custom, and custom embedded product development, along with integrated software services, to drive the most dynamic applications across various industries.

### Aitech Defense Systems
www.rugged.com

Offering military and space-qualified COTS products, including VMEbus and Compact PCI boards, power subsystems, mass memory, enclosure, hardware subsystem integration and more.

### American Arium
www.arium.com

A leading supplier of JTAG-based emulators and debuggers supporting ARM and Intel processors including ARM7/9, XScale, Itanium, Xeon, Pentium II/III/4 and Celeron.

### Analogue Micro
www.analogue-micro.com

Supplies electronic design services for 32-bit embedded systems.

### Annapolis Micro Systems
www.annapmicro.com

A world leader in High Performance COTS FPGA Based Processing Products for radar, sonar, SIGINT, ELINT, Digital Signal Processing, FFTs, and much more.

### Ardence
www.ardence.com

Ardence is a leading provider of software and services that capitalize on the Microsoft Windows form factor.

### ArmorLink
www.armorlink.com

Exceeding your product specifications by getting products to you fast with our knowledgeable R&D, technical support engineers, build-to-order capabilities & more.

### Arrow Electronics
www.arrow.com

Powers the supply chain with services, products and information meeting the needs of customers and suppliers worldwide.

### Avid Technology
www.avid.com

A world leader in digital media creation tools for film, video, audio, animation, games, and broadcast professionals.

### Balanced Dynamics Computing LLC
www.balanceddynamics.com

Providing innovative products and services to North American embedded community. Communication products from C²I² and integration services from Systems Integration Plus.

### Birdstep Technology
www.birdstep.com

A provider of enabling software technologies for the embedded and wireless marketplace.

### BittWare
www.bittware.com

Signal processing solutions on AdvancedTCA Mezzanine Cards (AMC); delivering embedded solutions based on TigerSHARC DSP processors and FPGAs.

### Blackhawk
www.blackhawk-dsp.com

The first to introduce a USB JTAG Emulator for TI's DSP's.

### Capitol Automation
www.capitolautomation.com

Providing designers, OEMs and IT professionals with embedded, wired, network and wireless connectivity Solutions.

### Carlo Gavazzi Computing Solutions
www.gavazzi-computing.com

Designs and manufactures off-the-shelf & custom products based on AdvancedTCA, CompactPCI, PCI/ISA, and VME technologies.

### CompuRep
www.compurep.com

A manufacturers rep firm offering complete solutions from leading embedded technology experts.

### Concurrent Computer
www.ccur.com

Technology solutions provider serving a diverse customer base in the telecommunications, cable government, military, aerospace and industrial markets.

### Condor Engineering
www.condoreng.com

Manufacturer of a wide range of interface boards for MIL-STD-1553, ARINC 429, AFDX and other avionic databus protocols.

### Connect Tech
www.connecttech.com

We add new options for your embedded communications: the Xtreme/104-Plus with 4 or 8 PC/104-Plus serial ports; Xtreme/104-Isolated offering 12 electrically isolated ports and more.

# Exhibitors

### Cornet Technology
www.cornet.com

A manufacturing & services company that delivers video, voice, and data communication products and services.

### Coverity
www.coverity.com

Automates the detection of software defects and security vulnerabilities for complex software at compile time.

### Curtiss-Wright Controls
www.cwcembedded.com

Providing a single company for application engineering, sales and technical support for commercial and rugged board and system customers.

### Data Device Corporation
www.ddc-web.com

Your solution for high reliability data networking technology, Commercial-Off-The-Shelf (COTS) products and subsystems.

### DDC-I
www.ddci.com

International supplier of industry leading compilers & debuggers, offering mixed language support for real-time embedded applications.

### Delkin Devices
www.delkin.com

A premier designer and manufacturer of memory solutions for embedded applications.

### Diversified Technology
www.dtims.com

Designer/manufacturer of single board computers, embedded platforms, and rackmount systems in the industrial computing market for over 30 years.

### ELMA Electronic
www.elma.com

We are a global mfg. of products for housing electronic systems, providing everything from components such as modular enclosures, cabinets & backplanes, and much more.

### Embedded Toolsmiths
www.etoolsmiths.com

Powerful, cost-effective, easy to use ON-CHIP debug tools for the PowerPC, XScale, ARM, MIPS and more.

### Empress Software
www.empress.com

A leading provider of embedded database software that allows application developers & system integrators to provide lower cost, richer functionality products with accelerated time-to-market.

### ENCIRQ
www.encirq.com

Provides high performance data management solutions optimized for embedded systems.

### Enea Embedded Technology
www.enea.com

A leading provider of real-time operating systems, development tools and services for fault-tolerant, high-availability and safety-critical applications.

### esd electronics
www.esd-electronics.us

A leading supplier of CAN modules, and interfaces to other systems such as PLC, VME, PC and CompactPCI.

### ESI Computing
www.esicomputing.com

Manufacturers' reps specializing in high-perf. real-time embedded computing products for the Engineering, Scientific, Industrial & Communications markets.

### Evalue Technology
www.evalue-tech.com

Designs and manufactures a complete line of single board computers to meet your embedded computing requirements.

### GE Fanuc Embedded Systems
www.gefanuc.com/embedded

Focused on providing solutions for today and intent on driving the technology of the future, a company of experts ready to meet and exceed your requirements.

### General Software
www.gensw.com

A leading supplier of embedded firmware, enabling specialized devices in telecommunications, data communications, and consumer electronics market segments.

### Green Hills Software
www.ghs.com

A market-leading provider of high performance compilers, software development tools and real-time operating systems (RTOS) for developers of embedded systems.

### Hagiwara Sys-Com
www.hsc-us.com

Focused on design and development of computer related products and memory applications; flash memory cards, PCMCIA adapters, and LAN and Bluetooth solutions.

### Hybricon
www.hybricon.com

Integrated system solutions to the telecommunications, military, industrial, medical imaging, and semiconductor equipment manufacturing industries.

### IBT Technologies
www.ibt.ca

We offer complete design, engineering and manufacturing services to computer makers, kiosk vendors, airline industry, medical equipment manufactures, industrial control, and automobile industry.

### ICP Electronics
www.computex.com.tx

Expert in Industrial Computer Manufacturer and System integrator.

### IEI Technology
www.ieiworld.com

One of the world's leading industrial computer providers.

### Interpeak
www.interpeak.com

We provide state-of-the-art security software products that allow embedded systems to realize the full potential of the Internet.

### Keil Software
www.keil.com

Keil Software, founded in 1986, is the recognized industry leader in development tool suites for ARM, x16x/ST10, and 8051 microcontroller families.

# Exhibitors

### Kinetic Systems
www.kscorp.com

We are a leading supplier of cPCI/PXI, VXI, PCI and CAMAC data acquisition & control hardware, software and systems.

### Kontron
www.kontron.com

Our products include PCI, CompactPCI, AdvancedTCA, and COM Express solutions, open platform communications servers, industrial-grade rackmount solutions, and more.

### Lab Microsystems
www.labmicrosystems.com

Specializing in DSP hardware development tools.

### Lauterbach
www.lauterbach.com

Everything that is required for emulation, debugging, real-time trace and logic analysis in embedded designs can be supplied by Lauterbach.

### LDRA Technology
www.ldra.com

The world's leading provider of automated software code analysis and testing tools.

### Logic Product Development
www.logicpd.com

A world class fully-integrated product development services and embedded product solutions provider.

### LynuxWorks
www.lynuxworks.com

Our products include the open-source BlueCat Linux and the scalable, Linux-compatible LynxOS real-time operating system.

### McObject
www.mcobject.com

Develops and markets eXtremeDB, the tiny footprint in-memory embedded database system for real-time and embedded sysytems.

### Mercury Computer Systems
www.mc.com

We are a leading supplier of high-performance digital signal and image processing systems with principal areas of business to defense electronics, medical imaging, and commercial OEM solutions.

### Microsoft
www.microsoft.com/embedded

Windows Embedded is an innovative suite of OS, tools and technologies specifically designed for today's advanced embedded devices.

### Mid-Eastern Industries
www.mideastind.com

One of the world's leaders in Linear Power Supply design.

### Motorola
www.motorola.com

Enables leading equipment manufacturers in telecomm, defense / aerospace & industrial automation to develop the communications computing infrastructure.

### Mountain Optech
www.mountainoptech.com

Creating cost-effective, reliable mass memory storage systems for harsh environments since our inception in 1985.

### ARC International
www.mqxembedded.com

MQX Embedded is the embedded software division of ARC International, focused on the software needs of embedded system developers.

### M-Systems
www.m-sys.com

Develops, manufactures and markets flash memory solutions to a variety of markets.

### Multi-Tech Systems
www.multitech.com

We are a global manufacturer of award-winning Voice over IP, Internet access, remote access and modem products that allow people to communicate more efficiently and effectively.

### My Cable
www.mycable.de

Consultancy / R&D engineering, development and production services and product development.

### North Atlantic Industries
www.naii.com

Designs and manufactures input/output (I/O) boards, military grade power supplies and instrumentation for the defense & aerospace industries.

### Nova Electric
www.novaelectric.com

A technological leader in power conversion technology acquired through dedication to engineering and manufacturing excellence, and the highest degree of product reliability.

### Objective Interface Systems
www.ois.com

A leader in real-time, embedded, and high-performance communications software, providing advanced real-time connectivity software development tools.

### Oceanserver Technology
www.ocean-server.com

Develops power sub-systems for use in OEM applications requiring portable power and power-efficient packaging.

### One Stop Systems
www.onestopsystems.com

Designs and manufactures custom and semi-custom computing systems and components in CompactPCI, PCI/ISA and PCI Express architectures.

### Pentek
www.pentek.com

The most comprehensive source for COTS digital signal processing, software radio, FPGA, and data acquisition commercial & conduction-cooled system design products.

### Phillips Components
www.phillipscomponents.net

Since 1976, Phillips Components has been a leader in the fabrication of VME, PMC and CPCI panels as well as a large line of ejectors, extractors, pullers and card guides.

### Phoenix International
www.phenxint.com

An ISO 9001:2000 certified SDVOSB offering rugged COTS mass storage systems from multi-terabyte RAID & Fibre Channel SANs to plug-in VME modules.

# Exhibitors

### PHYTEC America
www.phytec.com

Develops and manufactures OEMable Single Board Computers and related hardware/software in support of 8051, C500, C166/ST10, embedded x86, PowerPC, ARM, XScale, and much more.

### PolySpace Technologies
www.polyspace.com

Empowers companies building embedded software applications with a unique solution for the automatic detection of run-time errors at compile time; streamlines conventional white-box testing.

### QNX Software Systems
www.qnx.com

Superior realtime operating system (RTOS) software, development tools, and services for embedded design - for more than 23 years.

### Radstone Embedded Computing
www.radstone.com

Radstone Embedded Computing is a leading independent supplier of rugged, high-performance COTS embedded computer products, subsystems and more.

### R&D Electronics
www.rdelect.com

Manufactures "build to print" mechanical assemblies & electronics, including cables, chassis, printed wiring boards and more.

### Red River
www.red-river.com

Just added a new family of signal recorder/playback products that can continuously store or retrieve up to 20 MHz of signal bandwidth.

### Red Rock Technologies
www.redrocktech.com

Since 1993, Red Rock Technologies has become a leading manufacturer of VMEbus mass storage modules for use in a wide variety of demanding telephony, military and industrial applications.

### SBS Technologies
www.sbs.com

Delivers a rich mix of standard and custom embedded computing solutions backed by our engineering expertise and dedicated OEM support.

### Signum Systems
www.signum.com

Supplies full-featured in-circuit emulators (ICEs) to developers of microcontroller-based systems - conceived, developed and manufactured entirely in the U. S. A.

### Spectro Associates
www.spectrosales.com

Manufacturers' Reps specializing in the sales of Open Standard Bus products and much more.

### SRI Product Development
www.sripd.com

We integrate a highly talented multi-discipline engineering team with experience in Medical, Military, Telecommunication, Manufacturing Test, and Consumer Electronics.

### Synergistic Technologies
www.synergistic.com

VME, CompactPCI, PCI & PMC bus products and packaging solutions.

### Technology Dynamics
www.technologydynamicsinc.com

Designs and manufactures standard and custom power supplies for both commercial and military applications with an extensive line of products.

### TEK Microsystems
www.tekmicro.com

Designs, manufactures and markets a wide range of advanced high-performance I/O products for embedded real-time computing systems.

### Tilcon Software, Ltd.
www.tilcon.com

Our Development Suite allows fast, flicker-free interfaces, instrument clusters or complex visualization systems.

### Tri-M Systems
www.tri-m.com

Hardware and turnkey solutions for embedded systems, specializing in PC/104 products.

### Unitronics
www.unitronics.com

Produces PLCs, automation software, and accessory devices.

### Ultimate Solutions
www.ultsol.com

USI offers a wide range of low-cost PowerQuicc™ development platforms and modules, available with Linux and eCos operating systems from Analogue & Micro.

### Vector Electronics & Technology
www.vectorelect.com

Designers, manufacturers and integrators of standard and custom VME and CompactPCI chassis enclosures, VME backplanes & subracks.

### Vector Software
www.vectors.com

A leading independent provider of automated test tools for software developers.

### VersaLogic
www.versalogic.com

A leading provider of rugged single board computers to OEMs for embedded and industrial control applications.

### WDL Systems
www.wdlsystems.com

Distributing a full line of single board computers, Flash solutions, PC Card disk drives, PC Card readers, PC/104 add-on cards, and more.

### Wideband Systems
www.wideband-sys.com

Manufacturer of sophisticated recording instruments for aerospace, communications, and intelligence marketplace.

### Wind River
www.windriver.com

A global leader in device software optimization (DSO) and enable companies to develop and run software faster, better, at a lower cost and more reliably.

### WIN Enterprises
www.win-ent.com

Providing customized electronic design, manufacturing, and fulfillment services to help customers and OEMs bring high-quality embedded systems to market quickly and cost-effectively.

# Sponsors

## Diamond Sponsor

Logic offers embedded product solutions, a line of hardware and software solutions that simplify development and accelerate time to market for embedded products running Windows CE, Linux and other leading RTOS. Logic's EPS products include Application Development Kits, Embedded Computing Solutions (single board computers & System on Modules), and software Board Support Packages (BSPs) based on Intel Xscale, AMD Geode, Freescale ColdFire, Sharp ARM, and Renesas SuperH microprocessors. For more information about Logic Product Development, visit www.logicpd.com

## Gold Sponsors

The business units of Dy4 Systems, VISTA Controls, Synergy Microsystems, Systran, Peritek and Primagraphics have unified into the Embedded Computing organization of Curtiss-Wright Controls. Embedded Computing brings together the leading suppliers of state-of-the-art open systems architecture commercial and rugged boards and chassis for the embedded computing market, each with a heritage of over twenty years of delivering leading edge technology to the COTS industry. www.cwcembedded.com

Keil Software was founded in 1986 to manufacture add-on products for the development tools provided by many of the industry's silicon vendors. It soon became evident that there was a void in the marketplace that must be filled by quality software development tools. It was then that Keil Software implemented the first C compiler designed from the ground-up specifically for the 8051 microcontroller. Today, Keil Software provides a broad range of development tools for the embedded systems marketplace. www.keil.com.

# Directions

**From East:**
Follow the Massachusetts Turnpike (I-90) West to Exit 12 (Route 9 West towards Framingham). Bear Left after the toll. Stay in the right lane. The hotel is the first building on the right.

**From North:**
Take Interstate 93 South to Exit 37B (Interstate 95 South/Route 128 South towards Waltham). Follow to Exit 25 (Interstate 90 West Massachusetts Turnpike). From I-90 West, take Exit 12 (Route 9 West towards Framingham). Bear Left after toll. The hotel is the first building on the right.

**From West:**
Follow the Massachusetts Turnpike (I-90) East to Exit 12 (Route 9 West towards Framingham). Bear Left after toll. Stay in the right lane. The hotel is the first building on the right.

**From South:**
Take Interstate 95 North to Exit 6B (Interstate 495 North towards Worcester). Continue on I-495 North for about 25 miles. Take Exit 22 (Massachusetts Turnpike I-90 East) towards Boston. Take Exit 12 (Route 9 West towards Framingham). Bear Left after toll. Stay in the right lane. The hotel is the first building on the right.