RadiSys (Nasdaq: RSYS) is the leading provider of advanced embedded solutions for the commercial, enterprise, and service provider systems markets. Through intimate customer collaboration and combining innovative technologies and industry leading architecture, RadiSys helps OEMs bring better products to market faster and more economically. RadiSys products include embedded boards, platforms and systems, which are used in today’s complex computing, processing and network intensive applications.

RadiSys offers a variety Software solutions, including Microware OS-9. Microware OS-9 is more than just an operating system, it includes development tools, software components, the OS kernel, networking, graphics, power management and more. OS-9 Add-ons are also available for additional networking and functionality. The OS-9 tradition is one of technological leadership, market strength, product excellence, innovation and long-term investment in its customers’ success.

Industry Leading Performance

Source: Microware Customer Study
THOUSANDS OF SATISFIED OEM LICENSEES HAVE DEPLOYED MILLIONS OF COPIES OF MICROWARE OS-9

Superior, Proven OS-9 Foundation
• Secure, reliable, mature
• More finished code—robust
• Field upgradable and scalable
• Fastest time to market
• Reduced cost
• Extensible, modular architecture
• Small kernel footprint—typically 32-64k
• Safe threads within process model

All Popular Processor Families
• ARM • PowerPC • x86/Pentium
• SuperH • IXP1200 • 68k
• MIPS • StrongARM • XScale

Exceeds the toughest communications industry requirements for system availability

Design Wins Reaching Marketplace Double with Microware

Innovation & Leadership
• Developed the world’s first commercial embedded operating system
• Hundreds of years of expertise in developing solutions that get our customers’ products to market first
• Provided the first PersonaJava™ solution, resulting in 250,000+ successful OS-9/Java technology deployments worldwide

Leading-Edge Technology
• Intel® XScale®
• USB SDK
• PersonalJava Solution®
• Microware OS-9 RTOS

Major Markets Served
• Telecom Infrastructure
  – Routers and Switches
  – Multi-Service Switches
  – 3G Wireless Base Station
  – Voice/Data Gateways
• iAppliances
  – Wireless Consumer Devices
  – Smart Phones/Pagers
• Digital Television
  – HDTV Receivers
  – Private Video Networks
• Automotive Navigation & Entertainment
• Industrial Automation/Control

Source: Jerry Krasner, Research Director, Electronic Markets Forecast, 1999
MICROWARE PERSONALJAVA SOLUTION FOR OS-9

MICROWARE SOFTWARE HAS SHIPPED MORE EMBEDDED JAVA SOLUTIONS THAN EVERYONE ELSE

- First to offer Java™ embedded solutions
- Over 14 man-years invested in JVMs for OS-9
  - More time and experience than anyone else
- Smallest memory footprint
- Developed by Microware Java experts from genuine Sun Java technology

Deployed

“...it’s here...it’s available...Microware has deployed over 250,000 units with Java in the embedded space...”

Scott McNealy, Chairman and CEO, Sun Microsystems

Complete & Fast

“Microware’s (PersonalJava) solution was the answer for us. We spent over twelve months attempting to make another vendor’s implementation of PersonalJava technology work with our design. It took Microware only one week to get the application up and running...”

Rene Fischli, Lead Java Architect, NetModule

Reliable

“Some JVMs suffer from defective garbage collection, memory leaks, or crude thread scheduling. Our JVM is implemented and tested to operating system standards.”

Senior Scientist, Microware Software

CaffeineMarks 3.0 for PersonalJava on x86 Platform

Source: Microware Benchmark Study 2000 Performance based on 100 MHz Pentium
Technically Superior Solution
• Maximum performance
• Minimum footprint
• Minimum CPU utilization

One Pre-Integrated SDK Contains a Complete Suite of Fast Ethernet Drivers, Protocols, Routing & Network Management for OS-9
• Plug-in for SoftStax modular framework
• BSD V4.4 TCP/IP
• FTP, Telnet and other applications
• SNMP network management
• IP over ATM
• And much more…

OS-9 Versus VxWorks Throughput Comparison

Source: Independent Benchmark Study Performance based on PowerPC 860TFADS board (100BASE T Ethernet)

Exclusive Product Benefits
• Fastest product development
  – 20 minute install of USB
  – Simple modification without changing underlying software
• Tightly integrated for small memory footprint and low CPU utilization
• Application portability benefits from OS-9 device-independent I/O system
• Low cost of entry and ownership
• Easily expandable and adaptable to support additional devices
• Developed by Microware experts

Product Features Include
• Full USB 1.1 specification compliance
• OHCI and UHCI controller support
• Control, bulk, interrupt, Isochronous data transfers
• Full source and sample driver code written in portable C
• Support for HID, A/V devices, scanners and printers

USB SDK for OS-9
MICROWARE OS-9 COST OF OWNERSHIP

Reduce Your Costs and Risks With Microware OS-9 Complete Embedded Software Solution

Cost of Ownership

<table>
<thead>
<tr>
<th>Units of Production</th>
<th>Software Costs:</th>
<th>Royalties:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Linux</td>
<td>VxWorks</td>
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<tr>
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</tbody>
</table>

Software=Baseline OS+Tools+Networking+Graphics+Power Management+Support

Effort Required to Complete Project

Skill Sets and Application Time

MICROWARE OS-9 CUSTOMERS
To request a FREE Microware OS-9 evaluation CD, go online to www.radisys.com/OS-9 today!