



## ***RoweBots' DSPnano© Operating System Targets Signal Processing***

### ***DSPnano Offers Perfect Signal Processing Components***

**Waterloo, Canada, April 3, 2007** – RoweBots Research Inc., a Waterloo supplier of software tools and embedded system consulting, today announced the launch of DSPnano Version 2. This disruptive software product increases small embedded signal processing system development productivity and reliability, enabling OEM users to meet stretch market goals and more effectively manage lean product development.

DSPnano is ideally suited for small signal processing development by engineers who need stringent control over their environment and revel in simplicity. It is intended for use in OEM environments where time to market and multiple products using the same software platform is a requirement. Users benefit from tried and proven components, an integrated IDE, open source technologies, architectural flexibility, exceptional quality and integral signal processing features.

DSPnano, perfectly complements the distributed multiprocessor and multi-core version – Unison System. The combined version provides an integrated solution for end to end signal processing systems which include everything from tiny DSPs to large multi-core processors. The Eclipse based IDE comes with optimization to suit development for the processors in question.

DSPnano offers flexibility which allows developers to quickly change processor sizes or even entire processor families. This flexibility is exactly what is required for lean product development. “The ability to reuse tried and proven components and port to new signal processing hardware easily cuts time to market, dramatically improves quality and substantially reduces risk.” said Jim Falasco, Embedded Multiprocessor Manager at a very large military equipment supplier.

With the explosion of ubiquitous computing and demands to put more intelligence in each product, the time has come for products like DSPnano which offers signal processing system designers the flexibility to tune their systems to meet very stringent cost and performance goals. Ultimately systems like DSPnano which deliver on price, performance and reliability will allow OEM vendors to succeed in the marketplace.

[../more](#)



Lost time to market, customers disappointed with product quality and missed product price points are the three biggest problems OEM developers must overcome. DSPnano directly solves these problems. “DSPnano gives project managers, product marketing managers, developers and engineering managers the tools they need to quickly adapt to new market demands without sacrificing quality or time to market” stated Kim Rowe, a founder of RoweBots, “and organizations can include it quickly and easily at low cost, getting immediate return on investment for many projects.”

DSPnano V2 is hosted on Windows XP and Vista, Solaris 10 on Sparc and on Linux for x86 platforms. Support for a broad set of DSPs and micro-controllers with multiply capabilities is available.

DSPnano V2 will begin shipping in Q2, 2007. It is priced from \$499 US for a single user. Royalty free licenses start at \$3999 US. All purchases can be made from [www.rowebots.com](http://www.rowebots.com).

RoweBots Research Inc. was founded in 1987 and has developed signal processing products throughout its history. Since 2005, RoweBots has been focused on the development of the next generation of modular signal processing software for embedded OEM applications in the areas of communications, robotics, military and aerospace and consumer electronics. RoweBots' iZoom!© tools, DSPnano© Operating System and Unison® solutions provide tools and components that allow users to effectively develop tomorrow's signal processing systems today. The company is based in Waterloo, Canada's software hub and high-tech center.

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