TECHSOL DESIGN WIN: SMART ROBOTS

Delta, BC – May 6, 2003 – Techsol's HY7201 Medallion CPU module powers Wireless/JAVA robot controller

Technical Solutions Inc.(Techsol) announces a recent public demonstration of the first Techsol **Medallion™** Embedded CPU module powered autonomous mobile robot.

At the 10th annual Trinity College **Fire-Fighting Robot Contest**, held in April at Trinity College in Hartford, Connecticut, Smart Robots, Inc. of Dalton, Massachusetts, demonstrated their latest educational/commercial robot platform. A **Medallion™** HY7201 embedded **CPU Module manufactured by Technical Solutions Inc powers the unit**.

The first production units of Smart Robots' Medallion powered systems will be shipping in May.

In choosing the Medallion CPU Module, **Joe Bosworth, President and CEO of Smart Robots Inc. explained that they were able to**:

- **Develop their robot in less time** because they didn't have to design their system from scratch. The Medallion included CPU, RAM, Flash and Disc on Chip as well as IO for RS-232, USB Host, IIC, and Ethernet.
- The Medallion was preloaded with Linux and Java allowing Smart Robots to **concentrate on developing software functionality** instead of tedious device-driver development.
- **The Medallion is low power**, consuming less than 1 Watt, which means that the robot will run longer on a single battery charge.

"We chose the Techsol Medallion to power our new robot line because it has an excellent price to performance ratio and includes the key interfaces we require, allowing us to concentrate on our core competencies and get to market more quickly," said Joe Bosworth. "Techsol's engineers and support team were very helpful and quickly dealt with our questions and support requirements."

"We are pleased that Smart Robots, Inc. chose the Medallion CPU Module for their latest Professional Robot platform," said Brian Empey, President & CEO of Technical Solutions Inc. "The Medallion is ideally suited for embedded applications where initial production runs begin at modest rates. This allows the customer to build more software features and get to market more quickly when compared to developing the entire platform from scratch. Joe Bosworth is typical of our customers – his needs look simple at first, but when you combine low-power plus small size and low-cost with the needs of various serial interfaces; wireless Ethernet; DiskOnChip®; and J2ME/CDC there probably isn't another product out there that meets his needs. Plus, he required some additional engineering for a soft shut-down feature, which we provided as part of our normal support package."

"By choosing Medallion CPU Modules to power their embedded applications our customers can reduce development costs and get to market more quickly" explains Brian Empey. "In this competitive market, time-to-market is key. Our customers can quickly develop new applications with the Development Kit, which features our ARM based RISC CPU Modules, pre-loaded with the Linux OS"

The Medallion HY7201 CPU module is ideally suited for applications such as:

*   Low power embedded controllers
*   Handheld or portable embedded devices
*   Rugged remote sensors.

The Medallion HY7201 CPU Module is now available in quantities.

Smart Robots, Inc., is an educational products manufacturer located in western Massachusetts. They can be reached at (413) 684-0850 or through their web site address at www.smartrobots.com.

Techsol's **Medallion™** system is unique in the embedded computer world. Over time, the **Medallion™** Single-board computer product line will encompass several CPUs. However, the pin-out and form-factor will remain the same. There will be one **Medallion™** module that is best matched to your application.

By designing with the **Medallion™** system, you are effectively **out-sourcing** your CPU design and Linux porting **with no up-front NRE fees!** That lets your team concentrate on the hardware and software portions of your product that your customers see. The result is that **you can create a higher-quality product in a fraction of the time (and cost) of designing everything yourself** from scratch! Plus, the **interchangeable modules extend product life-cycle times**.

See the website for details www.techsol.ca or call 888 TECHSOL (888.832.4765 or 604.946.8324) for more details.

Techsol is head-quartered in Delta, British Columbia, where the mighty Fraser River meets the Pacific Ocean.