TECHSOL EMBEDDED DESIGN WIN

Delta, BC – October 8, 2003 – Techsol announces another design win for its Medallion Embedded CPU Module.

An unnamed customer has chosen the Medallion CPU module to power their AVL (Automatic Vehicle Location) application. Using the Medallion Development Kit the customer was able to quickly develop a proof of concept prototype for demonstration of their AVL application. Next, the customer designed their application platform: a custom IO board powered by the Medallion CPU module. The IO board integrates a GPS receiver module, a cellular radio module, sensors, plus the Medallion CPU module onto a single circuit board. The customer estimates that they saved over 6 months and thousands of dollars just in HW development costs using this approach. It also enabled them to develop a lower cost 4 layer circuit board rather than the costly 8 layer board that a fully custom solution would demand.

"The key reasons that this customer chose the Medallion was the fact that it's a low-cost, feature-rich, high processing-power platform to which they could easily add their custom sensors and applications," stated Brian Empey, Techsol's President and CEO. "The reduction in complexity allowed the customer to concentrate on porting & developing software features, such as text-to-speech." In addition Medallion modules are delivered with the Linux OS pre-loaded, saving the customer more time and money. The customer developed their applications on Linux workstations, then cross-compiled for the target Medallion processor (using Techsol's free tools) and downloaded the new code to the target device.

"Whether your application is in a vehicle, in your hand, or on your desk, we have all the technologies to do the job" says Brian Empey, P.Eng., founder and CEO of Techsol. "In addition, we can design, customize, and manufacture your product to the strictest quality standards. Techsol is one of the few companies who can take your product from concept to production, using open-source tools and applications. Plus, we do it quickly and efficiently with the experience of many industrial, medical, and consumer products behind us."

"Embedded Engineering is the same all over the world. Engineers face the same challenges of too much to do, and not enough time or money to do it with. Techsol's Medallion™ CPU modules address this issue and provide a solution that extends into the production stages of a product, not just the "proof-of-concept" stage like most SBCs. We optimize performance through the tight integration of software and hardware to provide the highest value Linux computing hardware – competing even with custom designs. It's a challenge, but we're providing ROI from 100 units to 100,000 per year."

Techsol's **Medallion™** system is unique in the embedded computer world. Over time, the **Medallion™** Single-board computer product line will encompass dozens of 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 where the mighty Fraser Ocean.

in Delta, British Columbia, River meets the Pacific