For Immediate Release

Techsol announces Linux-based Thin Client Development Kit for embedded applications.
www.techsol.ca

Delta, BC – 6 March 2002 – Techsol is proud to announce the availability of the first of many **Medallion™** development kits. The **Thin-Client Device – Mini-Development Kit** is targeted at developers of thin-client desktop devices and also wearable computing devices. It features a 60 MHz ARM-720T-based **RISC computer** with Techsol's proprietary **boot-loader/debugger in FLASH**, Lineo's **Embedix** Linux distribution pre-installed in the 32-mega-byte **Disk-On-Chip** module, and 32 mega-bytes of **SDRAM** for program execution. Additional software will include TrollTech's **QT-Embedded GUI** plus their **Qtopia** palm-top OS. There will also be a choice of **JAVA** virtual machines available in the near future.

This development kit also features:
•   **SVGA video** (via a standard 15-pin VGA connector)
•   **USB host** ports x 2 (for KBD, mouse, or other peripherals)
•   **USB device** port (for connection to a PC or Laptop) for hi-speed debugging
•   **10BaseT Ethernet** port (for connection to a server or broadband Internet)
•   **MultiMedia Card** (MMC) for removable storage
•   **Stereo Audio Out** for playing your favorite MP3s while you work
•   **Stereo Audio In** for audio or data-logging applications
•   **Mono Headset Jack** for VOIP development (perfect for call-centers)
•   **Power Jack** that connects to the supplied 5-volt, 1amp AC adapter
•   **Serial Debug Port** that connects via the supplied adapter cable to a PC serial port.
•   A **Rugged Aluminum Enclosure** with clear labelling for all connectors.
In addition, there are connectors inside the case for:
•   **Another Serial Port** with modem control line support (for dial-up connectivity)
•   **LCD Connectors** x 2 for development of handheld products
•   **JTAG Connector** for debugging via the On Chip Emulator features
•   **Boot Configuration Jumpers** that allow the user to boot from an SRAM IC instead of FLASH (for low-level SOFTWARE development)
•   **Audio Configuration Jumpers** to select between Line Out or Amplifier Out
There are also instructions for disassembling the kit, along with schematics to facilitate development of custom products based on **Medallion™** CPU modules.

Techsol's **Medallion™** CPU modules are the embodiment of 15 years of embedded product development. By carefully integrating the best of open-source and off-the-shelf software with the latest in portable computing power, Techsol takes the technology used by the world's largest high-volume manufacturers and makes it available to low- to mid-volume manufacturers. The tiny (4 sq.inch), low-power **Medallion™** modules are pre-loaded with Linux, device-drivers, graphics and communications software. Plus, we support industry standards to simplify the connection of **Medallion™** based products to both enterprise systems and other portable devices. New modules based on ARM-7, ARM-9, Intel X-Scale, and PowerPC processors will appear monthly over the next year, ensuring that you always have access to the latest technology!

Techsol's **Medallion™** system is unique in the embedded computer world. Over time, the product line will encompass dozens of CPUs. However, the pin-out and form-factor will remain the same. There will always be a **Medallion™** module that is almost perfect for 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 from scratch! Plus, the interchangeable modules extend product life-cycle times.

Following our mission of delivering **maximum value** to our customers, this development kit is offered at only US$500.00 complete with a CD of free development tools. See the website for details www.techsol.ca or call 888 TECHSOL (888.832.4765 or 604.946.8324) for more details.

Techsol is a private company head-quartered in Delta, BC, where the Fraser River meets the Pacific Ocean.

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