Techsol New Product Announcement: TSCM Medallion CPU Module

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Technical Solutions Inc. (Techsol) releases a new, modular touch-screen computer product line. In 3 simple steps, choose your LCD screen (with matching adapter board), computer module, and I/O module and you have the guts of a touch-screen terminal customized exactly to your needs!

Why just 2? Why not all 3?

When you tell your engineers that you're finally pulling the trigger on that long overdue update to your product line, replacing character displays with color touch-screens, or modems with Ethernet and Cloud-computing they give you the same old story:
"Your options are:

- High-performance
- High-quality
- Low-cost

Pick any 2!
Because everyone knows you can only have 2."

What if you demand all 3? Why not? You didn't get where you are by following the crowd. What if "common wisdom" is really "urban myth"? Tell them you want all 3 or they're all fired! Then, after they catch their breath, give them this link: http://medallionsystem.com/cpu-modules/tscm/

"What's there?" they say. How about the world's first low-cost, high-performance, modular touch-screen computer system based on the highest quality components and built in North America!. You get all 3 in 3 simple steps:

1. pick your display (it comes with a matching display interface board supporting LCD, touch, backlight, plus some optional extras)
2. pick your computer power, from 500 to 1000 MIPS, with or without on-board Ethernet
3. pick your mix of I/O and power-supply. From POE to a super-low-cost 2-board option powered by USB, there's a range of boards coming.

And then when you get them, just stack them together and turn on the power!

That's it.

Using the latest i.MX processors from FreeScale Semiconductor of Austin Texas, we've applied 1/4 century of experience designing low-power CMOS computer systems for commercial, industrial, medical, automotive, and defense applications to the long-standing challenge of "why not all 3". Plus, all TSCM products run Techsol's Medallion Linux, one

of the oldest and most stable Linux distributions exclusively targeting ARM processors (for over 10 years).

Display options currently supported include 3.5", 4.3", 5" WVGA, 7" WVGA, 7" Hi-Brite, and 10.4" SVGA LVDS with more coming.

Conceived in 2007, designed starting in 2009 (there was a recession giving us time :), optimized in 2010, and now rolling out in 2011, the Touch Screen Computer Module (TSCM) simplifies the creation of your next product at low-cost, with low-risk, and with fast time-to-market. Plus, we still offer custom design services should you require a unique mix of interfaces or power-supplies on your I/O board or support for a new display.

We've done the work. And you reap the rewards! Call us now to get started on that new design.

Embedded Engineering is the same all over the world. Engineers face the same challenges of having too much to do, and not enough time or money to do it with. Techsol's **Medallion** Classic and TSC 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.

Techsol's **Medallion** system is unique in the embedded computer world. The **Medallion** Single-board computer product line encompasses multiple CPUs, and different configurations with the same CPU. However, the pin-out and form-factor remain the same, even after 10 years. And the TSCM will also have a similar long availability for "planned NON-obsolesence". There is 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**.

For more details, or to request further information, please visit our Web site at <medallionsystem.com>, call 888 TECHSOL (888 832 4765) or 604 946 8324, or e-mail <sales@techsol.ca>.

Techsol is headquartered in Delta, British Columbia, Canada, where the mighty Fraser River meets the Pacific Ocean.

See also

- TSCM product page
- DevKits