

# About Techsol

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## 1 Message from the CEO

<a href="#">2012#01#04</a>	<p>Well, 2011 was a blur! Medallion Systems released the new <a href="#">Touch Screen Computer Modules</a> (TSCM), offering 3× the performance of our existing <a href="#">Medallion Classic</a> modules. The TSCMs enable lower-cost touch screens for those same building automation and smart grid apps, as well as other HMI applications. Besides the usual USA customer projects, we are designing products powered by TSC modules for clients in Europe, the UK, and even one in Canada! There are a bunch of associated boards for the TSCM computers as well. Watch for news on those later this month. G2G!</p>
2011#07#15	<p>Well, 2011 continues its relentless pace! <a href="#">zPoint Products</a> is working with large players in both the building controls and smart grid space. And was included in Rocket Builders's <a href="#">2011 Cleantech Emerging Rockets List</a>! <a href="#">zPoint Products</a>'s Web site has been updated to a modern look to better communicate the solutions and benefits. Meanwhile, Medallion Systems booked more business in the first 2 months of 2011 than in all of 2010. Most of the new products are powered by our <a href="#">Touch Screen Computer Modules</a> (TSCM), offering 3× the performance of our existing "<a href="#">Medallion Classic</a>" modules. The <a href="#">TSCMs</a> enable lower-cost touch screens for those same building automation and smart grid apps, as well as other HMI applications.</p>
2011-06-27	<p>Well, 2011 continues its relentless pace! <a href="#">zPoint Products</a> is working with large players in both the building controls and smart grid space. And was included in Rocket Builders's <a href="#">2011 Cleantech Emerging Rockets List</a>! <a href="#">zPoint Products</a>'s Web site has been updated to a modern look to better communicate the solutions and benefits. Meanwhile, Medallion Systems has booked more business in the first 2 months of 2011 than in all of 2010. Most of the new products are powered by our <a href="#">Touch Screen Computer Modules</a> (TSCM), offering 3× the performance of our existing "<a href="#">Medallion Classic</a>" modules. These will enable lower-cost touch screens for those same building automation and smart grid apps, as well as other HMI applications. Watch for PR on a slew of new products shortly.</p>

<p>2011#02#24</p>	<p>Well, 2011 is starting with a bang! zPoint Products is working with large players in both the building controls and smart grid space. And was included in Rocket Builders's <a href="#">2011 Cleantech Emerging Rockets List</a>! zPoint Products's Web site is being updated to a modern look to better communicate the solutions and benefits. Meanwhile, Medallion Systems has booked more business in the first 2 months of 2011 than all of 2010. Many of the new products will be powered by our "top-secret" Touch Screen Computer Modules (TSCM), offering 3× the performance of our existing modules. These will enable lower-cost touch screens for those same building automation and smart grid apps, as well as other HMI applications. Watch for PR on a slew of new products shortly.</p>
<p>2010-12-11</p>	<p>As Christmas nears and 2010 closes out, we're happy to report that business has taken off like crazy, and many of our suppliers are seeing similar trends. In Q4 alone we've started new projects in the commercial/office market, energy-efficiency for building automation, and HMIs for defense. Things are going to explode in January as folks get new budgets. Hang on as we ride the rocket in 2011!          --Brian          ~~~~~          Brian Empey, P.Eng.,   Technical Solutions Inc.          Delta, BC Canada          t: 604 946 8324   skype: brian.empey.techsol   w: <a href="http://www.Techsol.ca">www.Techsol.ca</a> <a href="http://www.zPointProducts.com">www.zPointProducts.com</a>          f: 604 946 6445   <a href="http://twitter.com/BrianEmpey">http://twitter.com/BrianEmpey</a>   <a href="http://www.linkedin.com/in/BrianEmpey">http://www.linkedin.com/in/BrianEmpey</a></p>
<p>2010-10-13</p>	<p><b>I'm not sure why the economy is booming here in BC. Coming back from meetings in Vancouver, I counted 4 cranes on the skyline south of False Creek, just between the Cambie and Granville Street bridges. That's 4 more condos going up. And likely more than ½ the units are already pre-sold!</b></p> <p>In Vancouver, a small 50-year-old house on a 33' lot sells for over \$¾ million. Where we are (in the 'burbs) you can still get a new house for \$700,000 but probably not for long. Sales (and prices) keep rising every month. Given the situation in most of the US, and the rest of Canada, it's a bit of a mystery.</p>

Back to the world of embedded computers. We put our [GWX2](#) on the Web site. Soon we'll add a device with a rich mix of I/O (digital, analog, and serial) suitable for process control. But it also has an optional TFT LCD in 5.7" or 7" sizes. Watch for that one soon.

Techsol doesn't put out press releases on our software development. If we did, there'd be 100 releases a year. We support so many protocols, languages, GUIs, and applications that we gave up trying to keep the Web site list current. Our new products (in development) feature Hi-speed USB 2. We've been running UBIFS for a long time. Our [Medallion Linux](#) has incorporated real-time extensions for many years. But we don't slow down.

The software advantages of working with Techsol might be what pushes our value equation well beyond industry norms.

So, please call or e-mail if you have any questions about any software features you're seeking. And call if you have any unique hardware needs. We might have what you need sitting on the shelf, waiting for time to put it on the Web!

And if not, please remember that [cost-effective, custom-designed products](#) are our core business.

--Brian

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## 2 Company Background

Founded in 1996, Technical Solutions grew from the realization that despite dramatic hardware and software advancements over the years, embedded technology had remained essentially (and disappointingly) unchanged. In fact, increasing complexity in both the hardware and software domains resulted in a “technology divide” between the large corporations and the smaller companies who could also benefit from powerful operating systems on 32-bit RISC CPUs.

In response, we offer a proprietary enabling technology that puts smaller companies on par with the big ones — at least in terms of access to technology. This technology is ideally suited to applications where low power and/or small physical size are vital.

The first application of Techsol's breakthrough technology is “Medallion”, a brand of high-performance computer modules, that have been specifically designed to improve and shorten the new product design process. Eclipsing the competition, the “Medallion” possesses interchangeability, allowing ease of multiple configurations and simple upgrades. However, a Medallion CPU Module is not just a small computer. The Medallion System encompasses the operating system, drivers for peripherals, hardware and software designs for additional peripherals including LCDs, Wireless, GPS, keyboards, USB storage, and so on. We offer CPU modules, development kits, plus reference designs that can be used as off-the-shelf products too! The first “ready-to-run” product line is a range of Medallion-powered Internet and network appliances, called [Gateways](#). Future products may include tablet computers, personal digital assistants (PDA), point of sale devices (POS), and industrial terminals, to name a few.

To establish ourselves as a portable technology leader, we know we have to refine and sustain innovative technologies, along with our flagship products and services. Consequently, we've invested heavily in research, design, and engineering. In doing so, the company hopes to fulfill the unmet needs and desires of highly-targeted market segments in various industries.

[Contact Techsol](#) for more information about the company.