



## Introduction

Digiprotek Inc. is a USA based corporation with a stated mission to make a difference in the value and delivery of ITES (IT Enabled Services). This is accomplished through a unique delivery model combined with a ready access to a global network of domain experts and service partners who embody the right mix of quality, reliability and a history of delivering performance.

We value integrity, commitment, excellence, innovativeness, responsiveness, and transparency in our interactions with customers and solution partners. We serve as an extension of our client's engineering organization and deliver quality services at costs that allow our clients to compete aggressively in their regional and global markets.

What we offer...

- Electronic engineering services and manufacturing at globally competitive prices
- Seamless integration through the use of tools and quality systems that are globally recognized
- A highly responsive project management system that bridges cultural gaps
- Consulting services for partner identification, market research, entry strategy, and in-country start-up opportunities
- Specialized services in shipping and logistics, billing services, sourcing and procurement for the automotive, industrial products and electronics industries.

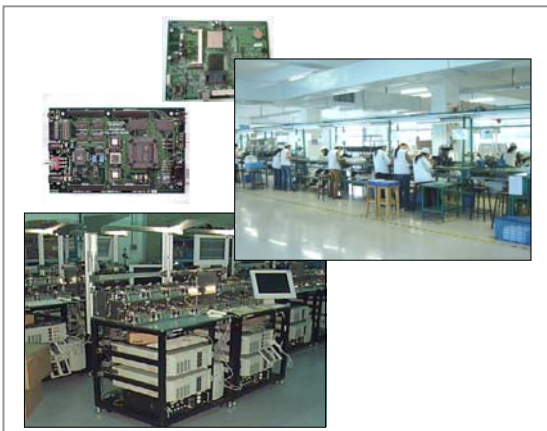
## Electronics & Embedded Systems Development

### Electronic Design and Manufacturing

Our strength in designing electronic boards has been a result of our long association with leading semiconductor vendors such as OKI, Fujitsu and NEC. We undertake complete turnkey solutions in the area of electronic board design and manufacturing. We work with customers to define the specifications and the key deliverables to achieve optimal designs. Our areas of expertise include designing with 8/16/32/64 bit microcontrollers /microprocessors, DSP (Digital Signal Processor), and a combination of discrete logic as well. We can design, test and certify products to meet international safety and technical standards.

Our unique offering in the area of electronic design is the re-engineering of older designs to newer platforms. This results in enhanced product features and capabilities, while leading to significant cost reduction due to reduced board size, and cheaper, more powerful chips and components. The reengineering effort also involves software migration to open platforms as well as feature enhancements.

Through our strategic alliance with CMS (Contract Manufacturing Service) companies in the Far East, we can provide fast turnaround for PCBA manufacturing for low volume; high mix, to high volume low complexity boards.



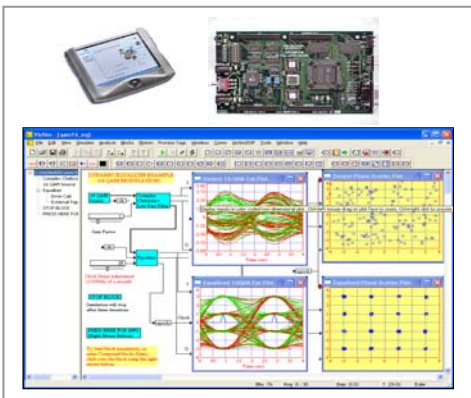
Areas of Engagement	Tools
<ul style="list-style-type: none"> <li>• Hardware Development</li> <li>• Software Design &amp; Development</li> <li>• PCB Design</li> <li>• Enclosure Design</li> <li>• Testing &amp; Certification</li> <li>• Prototype Manufacturing</li> <li>• Product Support &amp; Maintenance</li> </ul>	<p>AutoCAD PCAD</p>



## Embedded Design and Development

Embedded design and development is a natural outgrowth of our expertise in electronic board design and in delivering solutions using DSP (Digital Signal Processor) based systems with embedded software. We use industry leading embedded software platforms such as, WinCE, VxWorks, Linux, PSOS and other Real Time Operating Systems.

Our strength is in developing real time systems complete with electronic boards, embedded software, associated sensors and signal processing. One such example is a solution developed for a defense application. It is based on a FPGA design from Xilinx (SPARTAN chip) involving coding and burning of digital logic using Xilinx Toolkit and VHDL, design and development of a PCI data processing card, writing of firmware and device drivers in Windows NT and Linux.



Areas of Engagement	Tools
<ul style="list-style-type: none"> <li>• Embedded Systems</li> <li>• Embedded Software Development</li> <li>• Real Time Systems Development</li> </ul>	RT Linux RT API Embedded NT VxWorks. Opal-RT VisSim PCAD

## Support & Contact Information

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