

# Company Background

## Solutions without compromise serving the most demanding applications

### Overview

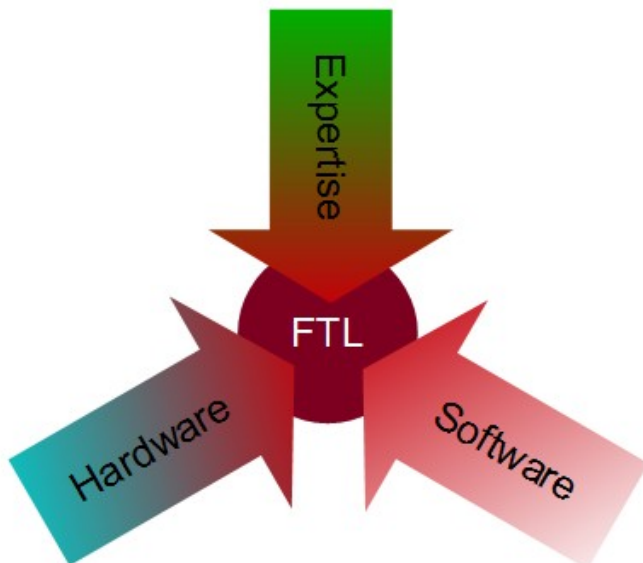
Faster Technology (FTL) supplies products and services based on Field Programmable Gate Array (FPGA) devices. Our focus is on solutions that maximize throughput while minimizing latency. Founded in 2002 by experts in communications processing and FPGA product design, the company continues to expand our solutions that process complex information streams at the point where they enter a system. Using the latest in FPGA capabilities coupled with low latency I/O enables our Network Attached Processing solutions to provide superior performance in demanding applications such as financial trading, video aggregation and processing, network traffic analysis and security processing. In addition to being a Xilinx certified ATP, the company is also a Xilinx Alliance Program Partner, and a member of both the Xilinx SignOnce IP License and SignOnce Services Agreement Programs.

### Products and Services (cont'd)

- System Solutions - high performance hardware combined with unique software and Intellectual Property (IP) modules, delivered with design services to provide maximum performance with minimum customer effort.
- Design services - a wide range of engineering capabilities centered on FPGA expertise. Services are utilized by customers purchasing other FTL products or those who are developing their own FPGA based solutions.
- Training services are focused on the set of courses offered by Xilinx for their FPGA devices and supporting tools. In addition, FTL provides specialized training on specific design topics or can develop training sessions focused on specific customer requirements.

### Systems Solutions

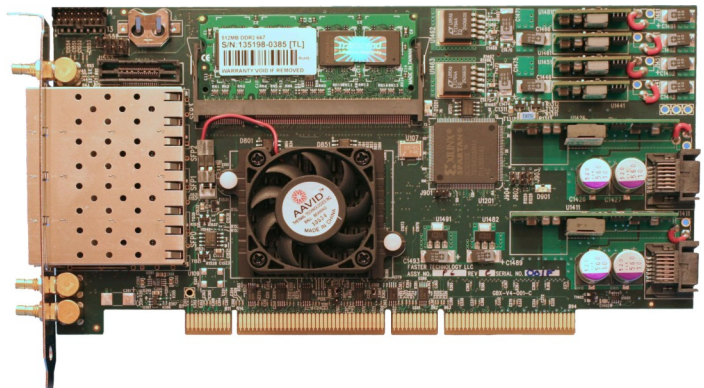
### Products and Services



FTL addresses customer requirements with a complete set of capabilities that assure customer success with minimum time to market. These leverage our unique combination of systems expertise, hardware resources and software skills. We provide:

System solutions are focused on providing hardware, embedded software and IP modules that enable customers to achieve the highest throughput and minimum latency for complex information stream processing. The combination of these elements enables customers to implement the most demanding applications with the minimum time to market. System solutions currently include:

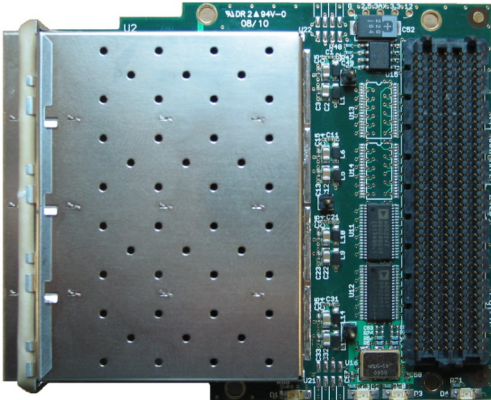
- P-Series acceleration cards - A family of Xilinx Virtex based PCI plug in cards with direct network connections using standard SFP modules. This provides a low latency connection from standard network systems to the Virtex device on the card. For more infor-



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### Systems Solutions (cont'd)

- mation on the P-Series, visit [www.fastertechnology.com/p-series.html](http://www.fastertechnology.com/p-series.html)
- FMC modules - FTL produces a family of FPGA Mezzanine Card (FMC) modules. These modules provide high speed low latency connections from network standards such as 10 Gigabit Ethernet, infiniband, Sonet, and Fiber-Channel directly to the FPGA on compatible carrier cards. For more information on our



FMC offering, visit [www.fastertechnology.com/fmc.html](http://www.fastertechnology.com/fmc.html).

- Falcon family PCI Express cards - Faster Technology's latest product family uses the latest high performance FPGAs from Xilinx with FMC modules to

### Design Services (cont'd)

- Firmware and application level software utilizing a combination of embedded Linux and hardware based functions

Some customers utilize FTL design services capabilities for complete turnkey design of boards and systems. Contact FTL headquarters for more information or a quote on a turnkey design.

### Training

Training has been proven to be a cost effective means of accelerating a design team's ability to meet ever increasing pressures to produce more complex designs in less time! Training is critical to successfully developing complex, high-performance designs. Faster Technology utilizes our extensive experience designing high-performance FPGA-based systems to provide the most relevant and applicable training possible. FTL is the Xilinx Authorized Training Provider for Arkansas, Colorado, Louisiana, Montana, Oklahoma, Texas, Utah and Wyoming and can provide classes locally, either in private (single company) or public facilities. FTL provides workstations equipped with the latest Xilinx tools for student use during the class related labs. Students also benefit from the extensive design experience of the FTL training staff. For more information visit [www.fastertechnology.com/training.html](http://www.fastertechnology.com/training.html).

### Design Services

Design services enable customers to leverage FTL expertise in system and FPGA design in conjunction with their end application understanding to accelerate development of their product or service offerings. While design services are normally part of the deployment of FTL Systems Solutions, they are available to customers developing their own solutions that are based on Xilinx FPGA devices. FTL capabilities include the following:

- FPGA logic and system design encompassing both the architecture and detailed design
- Embedded Linux based applications based on FTL Systems Solutions or other standard Xilinx based systems
- Board design and layout including all fabrication and testing services to deliver completed boards

