BLT

BOTTOM LINE TECHNOLOGIES

Excellence by Design

Design • Production • Training • Advice • Support

FPGAs • SoCs • Boards • Software • Systems

Aggressive Schedules • Rock-Solid Service and Quality • High Performance

World-Class Engineering Services Partner

ABOUT BLT

Who We Are

Founded by a pioneer in the FPGA/SoC industry, we are a U.S-owned and operated engineering design services firm with a world-class reputation.

Relied on by commercial, industrial, government, and DoD/IC Clients, BLT has broad expertise with leading-edge technologies and a 30-year track record of high-quality, on-time results.

BLT is a dynamic, fast-paced, engineering company that thrives on solving problems, pushing technology, designing at a higher level, and see the results of our work in action. Our designs are in space, undersea, and everywhere in between.

BLT works with the major device manufacturers. We are an AMD Xilinx Premier Partner and an Intel Alliance Partner.
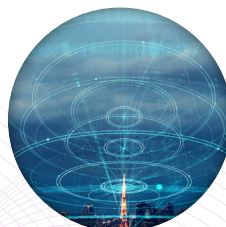
Headquarters

Columbia, MD

ENGINEERING SOLUTIONS

Core Solutions

- ✓ **Engineering Design Services**
- ✓ **Manpower**
- ✓ **Verification**

Industries We Serve

We serve government, aerospace, space and IC Clients whose design needs push technology to its limits.

Whether you're facing a complex design challenge, need to get to market faster, or want to push the limits of programmable chip technology, we have the tools and the technology to help.
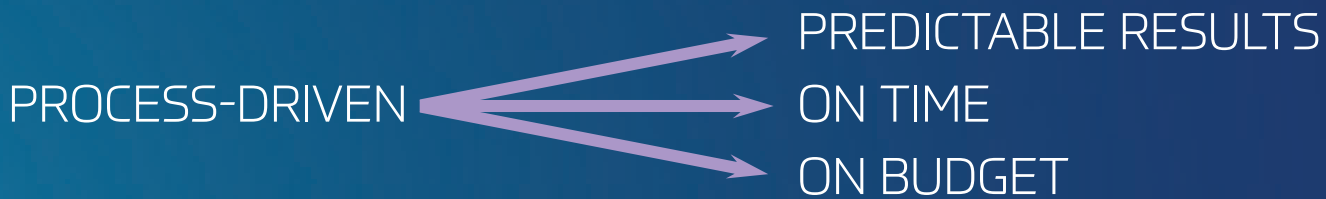
- ✓ **Aerospace & Space**
- ✓ **Defense (Mil/Gov/IC)**
- ✓ **Commercial / Consumer Electronics**
- ✓ **Industrial and Vision**
- ✓ **Embedded Design**

- ✓ **DataCom / Wired and Wireless Communications**
- ✓ **Test and Measurement**
- ✓ **Medical**
- ✓ **Signal Processing / Radar / Software-Defined Radio**
- ✓ **Product Development and Prototyping**

BLT's engineers pass rigorous certification testing, including demonstrated expertise with the latest devices, tools and implementation techniques.

ENGINEERING DESIGN SERVICES

We offer a full range of hardware and embedded software design services, including programmable devices, PCB/CCAs, complete systems and production.

- AMD (Xilinx) devices and tools
- Intel devices and tools
- MicroChip devices and tools
- Lattice devices and tools
- HDL Design
- High-speed Digital Design
- PCB Layout

- Analog Design
- DSP Design (C, HLS, MatLab)
- Design for SWAPC
- AI / ML
- FPGAs, SoCs, front-end ASICs
- Signal and Power Integrity
- RF Design

- Anti-Tamper
- Signal Processing
- Partial Reconfiguration
- Isolated Design Flow (SCC)
- System Architecture
- Debugging
- Embedded Software

PROCESS-DRIVEN → PREDICTABLE RESULTS
→ ON TIME
→ ON BUDGET

AMD AUTHORIZED TRAINING PROVIDER

BLT is the exclusive in-person training provider for the Northeast, Mid-Atlantic and Southeast regions and also offers online training globally. We've been teaching training for more than a decade, with thousands of engineers trained in FPGA/SoC/SOM, Language, Tool, Architecture, Connectivity and DSP. Our classes are taught by our project engineers, bringing their real-world experience into the classroom.

Training Services

- 50+ courses
- Exclusive, custom courses
- Public and private (on-site/off-site) classes
- Boot camps
- Special events
- Management training

888-945-4691
bltinc.com

FPGAS, SOCS & EMBEDDED SOFTWARE
END-USER CUSTOMIZABLE CIRCUITRY AND PROCESSORS

- **Communications Systems**
- **Software Defined Radio**
- **Single Chip Cryptography (NSA Type-1)**
- **Signal Processing (RF/Video/Audio)**
- **Satellite / Space**

- **Embedded Processing**
- **Supercomputing**
- **Reconfigurable computing**
- **Hi Rel/Rad Hard Applications**
- **Vision Systems**

Rely on our expert engineers

- Shave weeks off each FPGA/SoC development schedule.
- Harness the full power of devices and tools and implement with a single command.
- Unlock the full potential of FPGAs/SoCs and achieve breakthrough performance.

Reduce your costs

- Designs that run faster and use fewer silicon resources can use slower, smaller and **less expensive devices.**
- Avoid common mistakes and protracted schedules using BLT's time-proven methodologies.

Up for a challenge? We're hiring!

- Full-time Hardware and Software Engineers
- Must be a U.S. citizen and thrive being essential in a variety of technical challenges
- Contact HR@bltinc.com

"**BLT took the time to understand things up front...** They asked the right questions, understood the answers and delivered quality results."

"I was impressed with BLT's **transparency, integrity and vested interest in my success.** They were very collaborative."

"BLT has the experience and processes to avoid things that can trip you up. **When they give you a schedule, they're going to be able to meet it.**"

"**BLT training cut our design time by months.** Sending our engineers to BLT training is now part of our design cycle."

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