



Corporate Overview

CPU Technology, Inc., develops and supplies Compatible System-on-a-Chip (SoC) based solutions. Our products and services directly address the challenges associated with the transformation of microprocessor-based electronic systems to the SoC / MultiCore era. We are committed to making the transition to SoC technology practical for critical electronic systems in industries such as Automotive, Defense and Aerospace, Industrial Controls and High End Computing.

CPU Tech's Compatible SoC solutions include the company's real time, cycle accurate platform simulator, the SystemLab PS™; the Acalis™ family of Field Programmable Multicore Chips (FPMCs); and the workhorse of the SystemLab™ modeling environment, the SuperQ™ X3 supercomputer.

CPU Tech leads the industry in large scale electronic modeling and simulation.

Mission

Our mission is to be the leading provider of next generation technology to the high-end market by offering extremely cost-effective, highly reliable, Compatible System-on-a-Chip based solutions.

Products

CPU Tech provides the following products and services:

SYSTEM INTEGRATION AND MODERNIZATION

Includes custom ASICs/SoC devices; boards, boxes and kits; full turnkey system development; development support services.

SYSTEM TEST AND MEASUREMENT

Includes SystemLab PS real time platform simulator; SystemLab IntegrationStation system design tool suite

SYSTEM IP

Includes system-level architecture, models and design

Industry Firsts

Our steadfast commitment to continuous R&D has resulted in many patents in computer architecture, including single-chip parallel processing, that have allowed us to lead in:

- ❑ The creation of system-level design automation technology
- ❑ Making System-on-a-Chip practical for low volume applications
- ❑ Solving complex electronics obsolescence problems
- ❑ Applying System-on-a-Chip to parallel computing

Core Competencies

The company has extensive experience in:

- ❑ SoC design and development - digital and analog over various technology nodes
- ❑ Complex, large systems modeling, simulation and design
- ❑ Obsolescence replacement systems, with enhanced performance/functionality, using state-of-the-art technology while maintaining 100% software compatibility
- ❑ Embedded system design and development - including mission critical applications
- ❑ Microprocessor design, development and validation
- ❑ System architecture
- ❑ IP cores - processors, I/Os, communications, etc.
- ❑ Software development - real time O/S, applications, middleware
- ❑ Mechanical design
- ❑ Software development tools - including "soft" logic analyzer capabilities
- ❑ Design of test stations and systems analyzers with large data-set capabilities
- ❑ Power subsystem design

Sales and Support

CPU Tech's business development activities are conducted through a direct sales force and external consulting groups.

Founded

October 1989

Corporate Officers and Executives

Edward King, CEO, Board Chairman
Alan Smith, Chief Technical Officer, Board Member
Susan King, Co-Founder, Board Member
Gail Walters, Chief Scientist, Corporate Officer
Mark Scheitrum, VP Research and Development
Stephen Gillis, Vice President of Corporate Services
Richard Kessinger, Vice President, Advanced Systems
Brad Dyer, Vice President of Operations
Robert Mauer, Vice President of Business Development
Robert Beanland, Vice President of Marketing

Board of Directors

Edward King, Board Chairman
Susan King, Director
L. William Krause, Director
Peter Malone, Director
Todd Newnam, Director
N. Price Paschall, Director
Alan Smith, Director
Claudius E. Watts (Bud), Director

Ownership

CPU Technology, Inc., is a privately held company incorporated in the state of Delaware. The Carlyle Group is an equity participant in CPU Tech.

Locations

The company is headquartered in Pleasanton, California, with offices in Reston, Virginia.

Contact Info

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