



Corporate Backgrounder

Business Summary

Stretch[®], a fabless semiconductor company, provides software configurable processors and software development tools for compute-intensive applications. Design engineers can automatically configure Stretch's off-the-shelf processors to achieve extraordinary performance by using standard C/C++ programming methods and Stretch software development tools. The company's solutions help designers accelerate their performance-hungry applications, such as those in the video and wireless markets, and achieve significant cost savings.

Market Need/Opportunity

In today's highly competitive market, design cycles are shorter and pricing pressure has reduced margins. With increasingly complex design requirements and new process technologies making the design of Application Specific Integrated Circuits (ASICs) prohibitively expensive, companies are turning towards software defined architectures to speed up development and reduce costs. Approaches that use traditional microprocessors and digital signal processors, however, often fall short of the performance levels needed. Stretch software configurable processors bridge the gap and provide the performance of a hardware solution with the time-to-market and cost advantages of a software approach.

Stretch Differentiation: Software Configurable Processing

Software configurable processors offer the time-to-market advantages and development ease traditionally associated with a general-purpose processor or a DSP-based system, with the performance boost of programmable logic. By offering a way to combine software programmability with programmable logic—embedding the logic inside the processor architecture and programming this fabric using a conventional, standard C/C++ software-only environment—Stretch products make software configurability accessible. Key advantages of Stretch's processors and development environment include:

- * Accelerated performance
- * Shortened development time and time-to-market
- * Lowered system costs

Products

Stretch S7000 family software configurable processors use third generation SCP technology to deliver unprecedented power and flexibility to video processing applications. Stretch S7000 processors are highly integrated, have a rich complement of I/O interfaces and can be used in a wide variety of hybrid DVRs, IP network cameras, video servers, and video decode appliances. Stretch offers a state-of-the-art development environment, multiple development platforms, and reference designs, as well as production-ready OEM solutions that leverage the power of its processors.

Stretch's comprehensive development environment includes software development tools and a full range of support, including training courses and Partner Programs.

Application Focus

Stretch processors can accelerate the toughest compute-intensive applications in virtually any market, including, but not limited to:

- *Security and Surveillance
- *Broadcast Video
- *Wireless Communications (WiMAX)
- *Industrial Imaging

Partners

Stretch creates alliances with industry leaders to bring customers an ecosystem of development platforms, software products, and design services.

Funding

Founded in March 2002, the company has received \$130 million from tier-one venture capital firms, including Worldview Technology Partners, Oak Investment Partners, and Menlo Ventures.

Executive Management Team

- ❖ Craig Lytle, President & Chief Executive Officer
- ❖ Robert K. Beachler, Vice President of Marketing, Operations, Systems Design
- ❖ Sammy Cheung, Vice President of IC Engineering
- ❖ Thomas Daniel, Vice President of Software Engineering
- ❖ Thomas Stengel, Vice President of Sales

Board of Directors

- ❖ James Wei, General Partner & Co-Founder, Worldview Technology Investment Partners
- ❖ Bandel Carano, General Partner, Oak Investment Partners
- ❖ Mark Siegel, Managing Director, Menlo Ventures
- ❖ Craig Lytle, President & CEO, Stretch Inc.

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