One Stop Fills Need for Even Greater Speeds in Computing

TECH: Co. Meets Constant Demand For Updated Systems
By RAY HUARD

One Stop Systems may not yet be a household name in San Diego County, but it may be soon. The company has won awards for its technology, but the manufacturing award from the San Diego Business Journal was a first, said One Stop President and CEO Steve Cooper.

“We’ve never really been acknowledged for the fact that we’re a great manufacturing company,” Cooper said. “Half of our employees are in the manufacturing side of it, and they work really hard.”

Founded in 1999, One Stop Systems makes high performance computing systems — some of which are used by CERN, the European Organization for Nuclear Research, in its large Hadron Collider — the world’s largest and most powerful atom-smashing particle accelerator.

The company’s systems also are used to store images from NASA’s SOFIA (Stratospheric Observatory for Infrared Astronomy) telescope, the largest airborne observatory in the world with a reflective telescope mounted in a modified Boeing 747.

With a workforce of about 75, One Stop Systems’ operation is split between Escondido and Miramar, but the company is growing so fast that it will soon be looking for a new location along the Interstate 15 corridor that will consolidate its business, Cooper said.

Earlier this year, One Stop Systems was named by the Business Journal as one of San Diego’s 100 fastest growing privately-held companies.

“We’re medium-sized, but growing nicely, and really excited,” Cooper said. “It’s kind of exciting that we’re able to do all this here in San Diego County.”

Customized Computing Systems
The company designs and makes customized computing systems for other companies and the military.

It’s products, including computing accelerators which allow computers to sort and analyze data at far greater speeds than they would ordinarily, are used in a wide-range of fields, including the oil and gas industry, health care, the financial industry, the media, and by credit card companies.

“There always seems to be an insatiable appetite for more computer power,” Cooper said. “The amount of data being collected, just the sheer amount of data being collected is growing exponentially now.”

The technology and demand for faster and better computing is changing so fast that, “You have to redesign the hardware usually every six to 12 months,” Cooper said.

“Our whole company is oriented toward changing rapidly, and that suits us very well,” Cooper said. “We’re really pushing the state-of-the-art with our designs, and it filters into our manufacturing technology as well.”

U.S. Manufacturing
His company’s success is proof that top quality manufacturing can be done in the United States, Cooper said.

“I hear things like, ‘You can’t manufacture things in the U.S. anymore.’ Well, we are and you can and it’s top quality,” Cooper said. “We’re certainly an example that you are able to do manufacturing right here in San Diego and not go offshore.”

As an energy conscious company, One Stop Systems has worked with San Diego Gas & Electric to switch to energy efficient lighting. The company also has received environmental certifications for programs to reduce costs, keep the company cleaner and serve as an example to its workers.

One Stop Systems Inc.

Founded: 1999
CEO: Steve Cooper
Local employees: 75
Headquarters: Escondido, CA