

December 2008

Valtronic View

Volume IV, Issue III

Company Currents

On December 5th Valtronic Technologies was honored to have Congressman Steve Latourette visit us and tour our facility. Congressman Latourette showed great interest in our life changing technologies. He was impressed by the collaborative efforts Valtronic Technologies has made to work with universities, economic development groups and other small companies. Two projects in particular captured his attention; Valtronic in collaboration with several other partners developed a miniaturized photo-biotherapy device for wound healing which is projected to save the state Medicare funding dollars. Additionally Valtronic's development work on a new device to treat presbyopia also has the potential for Medicare cost savings. Both projects have already created new jobs in Ohio and as their markets expand are expected to create more.



Steve LaTourette & Jay Wimer

Steve LaTourette & Jay Wimer

Industry Update

*Michael
Wiklund*

New Human Factors Standard on the Horizon

AAMI is forecasted to announce new human factors standards guidelines for medical devices. The goal of the update standards is to provide improved guidance in the design of medical devices that will make them safer, user friendly while maintaining their effectiveness. The focus of this new updated version will focus on two areas: Good Human Factors Methods and Detailed Design Guidance. Read the article for a view on the changes and how they may affect you.

[New Human Factors Standard on the Horizon](#)

Conference Corner

In October Valtronic Technologies exhibited at MDM Minneapolis where we unveiled our new Laser Technology showing how we apply our expertise in miniaturization technologies to build medical lasers for OEM's.

Don Styblo, VP of Technology, was at Bio Ohio, Cleveland Clinic Innovation Summit, and the NanoMedicine Summit, and Magnet's Innovation Accelerator. Don had the opportunity to meet with the former DHHS Secretary, the Honorable Tommy Thomson, a Keynote Speaker at the Cleveland Clinic Summit. He emphasized the importance of innovations and quicker FDA approval to bring products to market in order to lower ever increasing health care costs. Thomson remarked that \$2.4 trillion or 12% of the nation's GNP goes towards health care and at the current growth rate it is expected to reach \$4.6 trillion in the next 4

years. He expects tax credits in 2009 for biotech companies to speed up innovations.

Rick Elbert, Sales Engineer attended Life Sciences Alley Conference in Minneapolis. Life Science Alley is a Minnesota based trade association serving medical devices, health care, pharmaceutical, biopharma, biotechnology and renewable energy sectors.

Look for Valtronic Technologies Booth at the MD&M West Conference and Exhibition from February 10-12 in Booth 517. **For A Free Exhibition Hall Pass Contact Patricia Klavora At (888)-291-9422 Ext. 18 Who Will Be Happy To Provide You With One.**

Tech Check

Ryan Blume

Valtronic has recently installed a high pressure nitrogen test and evaluation process to supplement the liquid nitrogen system that supplies shielding gas. The high pressure system uses a battery of tanks for testing purposes. This enables us to expose encapsulated chip-on-board product to controlled pressure extremes, which can reveal voids in encapsulation on circuits used in extreme environments such as aerospace components or deep drilling equipment which are both subject to stringent government regulations.

Meet the Staff



Ryan Blume

What is the most important part of your job?

Maintaining communication with customers, if a customer requests a change to a product or process it is important that everyone involved understands what time frame is expected and what changes are to be made.

What is a typical day like for you?

I start my day with a few tasks ranging from sending prints to vendors for quotation, to building a test fixture, and by the end of the day I am working on things that present themselves throughout the day like updating routing card and bill of material changes.

How did you get into Engineering?

I have always been interested in how things work especially when trying to determine why they aren't working, and eventually became interested in how they are made and what to do to make them work better.

What is the most important lesson you have learned in your career?

Keeping track of contacts, many times I am looking for advice on finding or producing a specific part and may need to contact someone I may have met years previously but did not need to use their abilities until recently.

Lastly, what do you look forward to doing that is not work related?

I look forward to showing my daughter new places and things she hasn't seen before, things like airports, construction sites, anything with large equipment.

Academic Relations



Don Styblo is scheduled to speak at the Cuyahoga Valley Career Center Engineering For You - An Engineering Expo on February 21st. The expo is for students in grades 9-12 and their parents. Students will have the opportunity learn about the opportunities and benefits of a career in engineering, explore different types of engineering and meet with engineers from local Cleveland companies. Ohio colleges offering engineering majors will also have counselors

available to answer student's questions. If you know a student who is interested you may [register here](#).

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