



## OZTEK INTRODUCES NEW DIGITAL SCR CONTROL SOLUTION

**MERRIMACK, NH – 08/11/2011** – [Oztek Corp.](#) a leader in developing and manufacturing technologically advanced inverter, DC/DC converter, and motor drive controls, introduces the OZSCR1000, a state of the art, digitally controlled, SCR firing and control board. The single board OZSCR1000 has been designed to address numerous SCR power system challenges, allowing fast and economical OEM product development. Features include:

- Systems operating from AC mains voltages up to 1000VAC are supported using the integrated, transformer isolated, “picket fence” firing circuitry.
- Dedicated high voltage and current measurement interfaces are provided to support closed loop digital control of both current and voltage.
- A digital PLL synchronizes to the AC line voltage, and can quickly report and respond to abnormal line conditions while intelligent fault handling minimizes down time and protects the system from damage.
- For complex systems requiring control of more than six SCRs multiple OZ SCR1000 boards can easily be combined using the expansion interface.

“We’ve applied over a decade of experience in digitally controlled power electronics to the development of a completely digital SCR control solution” said Dave Zendzian, Oztek CTO “All of our SCR based products are completely configurable using our OZSCR Configuration Tool, a Microsoft Windows graphical user interface (GUI), that provides a simple means to configure the products during installation, setup, operation, and trouble shooting.”

Configuration, operating parameters, and pre-designed control algorithms can quickly be selected and configured using the PC based tool. With the ability to configure every system parameter, implementation possibilities are endless.



### ***About Oztek Corp.***

Oztek was recently ranked No. 16 in INC. magazine's fastest growing Computer & Electronics Companies. Located in Merrimack, NH, Oztek has been a leader in developing and manufacturing technologically advanced power control solutions for over a decade. Oztek's standard product offering includes control boards and power assemblies for Grid Tie Inverters,

Voltage Mode Inverters, DC/DC Converters, Motor Drives, and [SCR control](#) applications. In addition to off-the-shelf options, Oztek provides complete custom OEM solutions, leveraging expertise in electrical, software, PCB, thermal, and packaging design.

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