

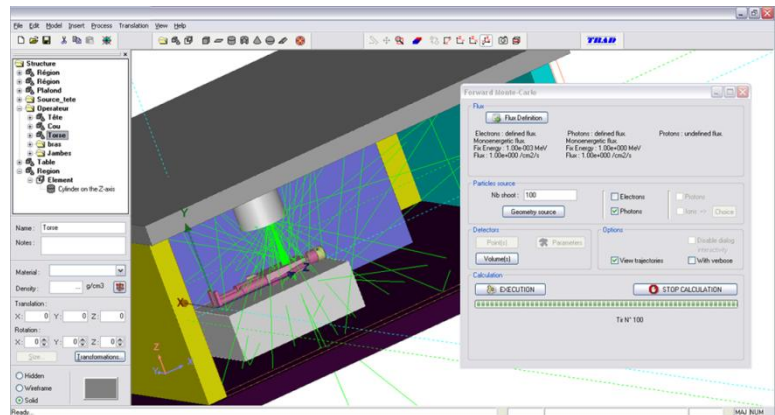
FOR IMMEDIATE RELEASE

Ridgetop Group Launches RadChek™ 3D Radiation Analysis Product

Software Accelerates Shielding Analysis for Wide Range of Radiation-Tolerant Applications

TUCSON, Ariz.— September 26, 2013

Ridgetop Group announced today its new product RadChek™, a 3D software tool for design and shielding optimization of electronic boards and modules exposed to harsh radiation environments. Ridgetop already supplies radiation-hardened integrated circuits (ICs) and radiation characterization and monitoring tools, and the addition of RadChek to Ridgetop's product family expands Ridgetop's rad-hard-related product line.



RadChek is a tool that rapidly computes the radiation effects on electronic boards and modules destined for harsh environments where radiation is found, such as in space, or near equipment such as particle accelerators, nuclear power plants, or medical scanners. RadChek's analysis capability allows engineers to determine the best shielding material to use to avoid the damaging effects of radiation.

RadChek offers a user-friendly design interface for engineers. Design applications for this tool encompass space, medical equipment, high energy physics, defense, and many others. Radiation-tolerant designs allow for lowering maintenance cost, increasing electronics' life, and improving performance in hostile environments. RadChek 3D models have CAD capabilities, but the user does not need to be an expert in CAD to successfully create 3D radiation models. Once the design is generated, the radiation dose and shielding calculation is performed. This is done by an advanced ray-tracing module that combines the data from the radiation model with the data of the radiation environment, thus enabling a more precise environmental assessment and optimizing mechanical and shielding designs for complex systems.

"RadChek provides a bridge between CAD and the radiation transport tools to enable engineers to rapidly explore a broader set of radiation-hard product design configurations, rather than simply resorting to thicker shielding," said Andrew Levy, Ridgetop's VP of Business Development. "The end result is that our customers save money (and weight) by not over-shielding while still maintaining the safety and reliability their systems require. By providing rad-hard by shielding (RHBS), RadChek complements our existing rad-hard by design (RHBD) and rad-hard by process (RHBP) capabilities."

About Ridgetop Group, Inc.

Established in 2000, Ridgetop Group is a Tucson, Arizona-based firm that produces electronic solutions for harsh environments and challenging applications. The firm is qualified as an aerospace supplier under its AS9100C certification, and became a Category 1A Trusted Supplier under the DOD's Trusted Foundry Program in 2010. A privately held firm, Ridgetop operates two divisions in Tucson, and has a related subsidiary firm based in Europe. For further information, please visit our website at www.RidgetopGroup.com or contact information@ridgetopgroup.com.

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