

Cerium Laboratories, LLC

Cerium is a leading analytics company based in Austin, Texas. Though the majority of Cerium revenue comes from the semiconductor industry, this company has a number of exciting research and development endeavors relevant to border security. Chiefly among these is development of a miniature, rugged, and mass-producible neutron detector on a chip which avoids the need for external power, data acquisition, or maintenance. Owing to industry standard packaging and interface, this Neutron Intercepting System on a Chip (NISoC) may provide the nuclear border security industry with unprecedented scalability. Cerium is further exploring additional research and development opportunities relating to nuclear instrumentation and advanced materials.