

College Park, MD – 10 May 2011. Maxion has been selected by the Department of Homeland Security to develop and demonstrate multi-section, monolithically-tunable Quantum Cascade Lasers (QCL's). Based on related technologies used in near-IR telecommunication diode lasers, these QCL's will be electronically tunable over 10% of their central wavelength region with no moving parts or external cavity geometries. The devices will be available for sale to research and commercial customers developing in-situ and stand-off sensor technologies.

About Maxion – Maxion technologies, a wholly-owned subsidiary of Physical Sciences Inc. (www.psicorp.com), is a leading developer of advanced technology for infrared materials, lasers, and detectors. Quantum cascade lasers are available at a variety of power levels, and spectral characteristics, and packaging options from 4.0 to 12 μm . Interband cascade lasers are also available from 3 – 4 μm . Research and development activities are supported by available MBE, wafer-scale processing, device fabrication, and sophisticated solid-state physics modeling tools.