

College Park, MD – 15 February 2012. Maxion and the United States Naval Research Laboratory (NRL) announce the license of NRL-patented technology related to high power, room-temperature Interband Cascade Lasers (ICLs). The license paves the way for Maxion to produce and sell ICL devices that incorporate NRL's technology to provide the highest performance ICLs in the 3 to 6 micron wavelength region.

B. David Green, Maxion's President and CEO notes: "Maxion is pleased to conclude this agreement with NRL, capping a year-long collaboration to incorporate NRL's design improvements into Maxion's ICL growth and fabrication technology. We expect to have devices for sale within the next month at a variety of wavelengths between 3 and 4 microns. These devices will complement Maxion's existing QCL offerings for defense, security, and commercial markets." Dr. Jerry Meyer, Navy Senior Scientist for Quantum Electronics and head of NRL's ICL development team adds: "After six years of focused research by our group at NRL to advance this technology to the point of being the mid-IR technology of choice for many real-world applications, it is extremely gratifying to see this transition to commercialization".

About Maxion – Maxion Technologies ([www.maxion.com](http://www.maxion.com)), a wholly-owned subsidiary of Physical Sciences Inc. ([www.psicorp.com](http://www.psicorp.com)), is a leading manufacturer of QCLs and ICLs. The company's QCLs are available at a variety of power levels, spectral characteristics, and packaging options from 4.0 to 12  $\mu\text{m}$ . ICL's are also available from 3 – 4  $\mu\text{m}$ . Research and development activities are supported by available MBE, wafer-scale processing, device fabrication, and sophisticated solid-state physics modeling tools.