



“Moog Albuquerque is a division of the East Aurora, New York company that specializes in precision actuation applications. Traditionally, Moog actuation systems have been electro-hydraulic (EH) based. In the past decade, significant attention has been given to electro-mechanical (EM) actuation systems which employ brushless DC motors as the power source and gearing as the transmission medium for the power. This move toward EM actuation has opened opportunities within the Albuquerque group to design avionics which control the newer EM as well as the traditional EH actuation systems. Being located in the Sandia Science & Technology Park adjacent to CSA Engineering, which we acquired in 2008, makes partnering to develop and build the systems that are employed in launch vehicles, satellite payloads, aircraft and other high reliability applications much easier and more efficient.”

*Jim Baughman, Moog Albuquerque
Engineering Site Manager*

SS&TP Success Metrics: 29 Tenants, 2111 Employees, \$311.1 Million of Investment

Tenant News

- **AEgis Leads Team** - AEGIS Technologies Group announced that they will lead a multidisciplinary team that is identifying promising instrumentation to measure high-energy laser (HEL) and high-power microwave (HPM) energy. AEGIS will coordinate with the Air Armament Center at Eglin Air Force Base, Florida, to create a suite of low-cost instrumentation that provides accurate, high speed measurement of HEL and HPM energies.
- **CINT Proposals Accepted** - The Center for Integrated Nano-Technologies (CINT) has accepted 107 proposals in response to their Fall 2008 “Call for User Proposals”. Of those, 39 are continuations of ongoing projects at CINT and 68 are new proposals. The approved projects involve researchers in 25 states and seven foreign countries.
- **Heel Names New CEO** - Heel USA, the U.S. subsidiary of Heel GmbH headquartered in Baden-Baden, Germany and one of the world’s largest homeopathic pharmaceutical manufacturers with distribution in over 50 countries, announced recently that Thierry Montfort is their new Chief Executive Officer of Heel USA headquartered in the SS&TP.
- **Lease Space Available** - Several buildings in the SS&TP have readily available lease space. The Ktech/Poly-Flow building has 11,500 sf of office and light lab space, and the Materials Processing and Coatings Laboratory (MPCL) has 7,000 sf of office, light lab, and high-bay lab space. The Sandia Synergy

Center has 4,500 sf of office space. Call Jim Clinch at 844-1017 for more information about the space.

Recent Events

- **Congressman Heinrich’s Staff Visit** - Antonio Sandoval and Matthew Zidovsky, staff members for Congressman Martin Heinrich, visited the SS&TP on February 2 and were given an overview of Sandia National Laboratories and its economic impact on New Mexico. Jackie Kerby Moore also briefed them on the Park, the New Mexico Small Business Assistance Program, and the Entrepreneurial Separation to Transfer Technology Program. After a tour of the Park, they met with Hong Hou, EMCORE CEO, and were given a briefing and tour of the solar test field operating at EMCORE’s site.



Congressional Staff Visit - (l to r) Jackie Kerby Moore, SS&TP Executive Director; Matt Zidovsky and Antonio Sandoval, Congressional Staff for Congressman Martin Heinrich; Matt O’Brien, Sandia CFO & Vice President of Business Operations; and Carol Yarnall, Director of the Sandia Supply Chain Management Center, all participated in the February 2 meeting.

- **Blood Drive Results** - SS&TP tenants donated 30 units of blood at the February 23 United Blood Services

Blood Drive. A total of 826 units of blood have been donated by tenants since Blood Drives started in the Park in April 2002.

Calendar

- March 19 Tenant Leadership Luncheon at National Museum of Nuclear Science and History
- April 4 Museum Grand Opening

The Sandia Science & Technology Park is a proud member of the Association of University Research Parks and the New Mexico Science and Technology Parks Alliance.

10 Years of Economic Growth

The SS&TP is celebrating 10 Years of Economic Growth. In honor of this milestone, we are featuring stories monthly on SS&TP tenants. This month we are highlighting the AEgis Technologies Group.

AEgis Technologies Group - Microsystems Group

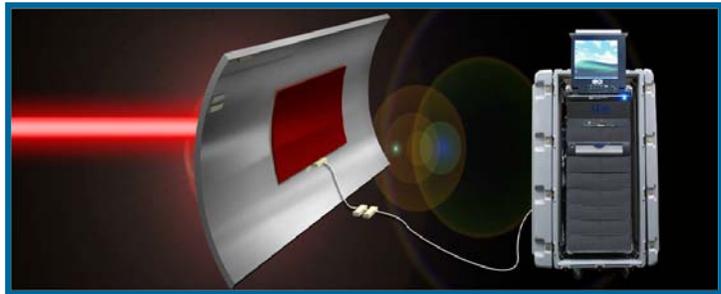


Temperature and Irradiance Sensor Matrix (TISM) – Direct measurement of laser irradiance and target temperature; AEgis is designing and testing the sensor mesh.

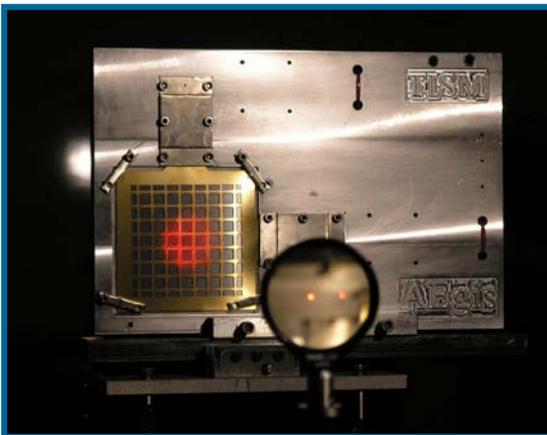
Founded in 1989, the **AEgis Technologies Group** is the world's leading provider of modeling and simulation (M&S) products and services in the areas of Simulation Systems; Geospatial Programs; Warfighter Exercise Support; Systems Engineering and Analysis; Verification, Validation, and Accreditation (VV&A); Test and Evaluation; M&S Training; Simulation Products; and Microsystems and Nanotechnology. AEgis has enjoyed steady growth with revenues increasing to \$33 million in sales and average employment growth of 20% per year to their current employment of 185+ professionals nationwide.



AEgis is an established developer of micro electro-mechanical systems (MEMS), microelectronics, and nanoscale materials and detectors for application areas that range from hardware-in-the-loop simulation to biosensors for point-of-care diagnostics. The Microsystems Group is comprised of a multi-disciplinary team of scientists, engineers, and technical staff, co-located at AEgis corporate headquarters in Huntsville, Alabama, AEgis Albuquerque, and Redstone Arsenal. This group specializes in micro-sensors, photonics, electro-optics, and directed energy sensors.



Inversion-derived Resistive Temperature Sensor (IRTS) – Modeling front-surface temperature and heat flux based on rear-surface measurements; AEgis is designing and testing the entire system of sensors, computer model, electronics, and visualization.



AEgis Laser Lab in Albuquerque – Measuring Temperature and Irradiance Sensor Matrix (TISM) performance using their 200 W CW laser.

AEgis has two offices in Albuquerque: the Uptown office (6565 Americas Parkway NE, Suite 825) houses staff that support the Airborne Laser Program, Missile Defense Agency, and Air Force Research Laboratory Directed Energy Directorate, as well as rapid test and non-traditional assessments and other DoD/commercial customers; the Laser Laboratory in the SS&TP (10501 Research Road SE, Suite D) is a 1700 sf facility that includes two lasers (a 200 W CW laser at 980 nm and a pulsed laser that provides 1 Joule/pulse at 1064 nm), full instrumentation for laser experiments, and a CNC milling machine. AEgis is looking for opportunities to extend current research and development efforts for MEMS, directed energy sensors, and other nanotechnology devices, as well as establishing partnerships in Modeling and Simulation and Verification, Validation, and Accreditation activities.

More information on AEgis Technologies Group is available at: www.aegistg.com