A collection of companies in various technology specialties along with the region's higher education institutions dedicated to research and development in emerging technologies make Gilbert, Arizona an opportunity for expansion or establishment of high technology operations.

American Electronics Association (AeA), the largest technology association in the United States, ranked Arizona fourth in the nation for semiconductor production. Contributing to the statewide movement in next-generation technology solutions, Gilbert is steering advancements in component manufacturing, sensor technology, electronics, computing, and research and development.

## **Gilbert-Based Investment**

One such innovator, **Colnatec. LLC**, designs, develops and manufactures state-of-the-art sensors and electronic instrumentation used in the production of thin film solar cells, OLED displays, optics, high speed electrical devices and semiconductor wafers. In keeping with its rapid growth in the sector, Colnatec credits Gilbert with being able to meet all of the physical, technical and infrastructure requirements for not only their corporate offices, but also for their R&D and manufacturing facilities.

Colnatec is the holder of numerous patents, the recipient of a Department of Energy Phase I and Phase II SBIR Awards for a revolutionary sensor to be used in manufacturing CIGS solar cells, and one of 8 winners of the Arizona Commerce Authority Innovation Challenge Grant Program to promote innovation in the technology sector.

As a high technology contract design and manufacturing organization, **Pure-Logic Industries**, **Inc**. provides a one-stop solution for Original Equipment Manufacturers (O.E.M.'s) seeking to consolidate their vendor base. Pure-Logic will evaluate product features and collaborate with clients on product enhancements and cost management. Focused industries include: medical and semi-conductor equipment, aerospace component, bio-pharmaceutical equipment and commercial products.



## **Educational Assets**

Gilbert-based companies enjoy benefits from decades of investment in local education and workforce development initiatives, as well as access to more than 65,000 manufacturing and service technicians within a 30-minute commute.

The nearby presence of the Chandler-Gilbert Community College, as well as the College of Technology and Innovation at Arizona State University Polytechnic gives Gilbert an added advantage, producing a population of educated and forward-thinking innovators for the future of the high technology sector. The college houses several laboratories offering compelling opportunities for collaboration, research and commercialization of intellectual property, including:

- Applied Cognitive Theory, Usability and Advanced Learning Laboratory
- Imaging and 3D Data Exploitation and Analysis Laboratory
- Advanced Technology Innovation Center
- Human Machine Integration Laboratory
- Human Technology Interaction Lab