

**Optima, Technology Associates is a complete electronic contract manufacturing service company providing design, SMT & Thru-hole electronic assembly, box build/final assembly, test packaging, and order-fulfillment. We are a Small Business Enterprise (SBE), providing cost-effective, world-class assembly services, local support and dedicated to helping our customers successfully deliver products to their markets and customers.**

## Products Supplied

- Printed Circuit Board Assemblies (PCBAs)
- Printed Circuit & Metal Core Boards (PCBs, MCBs)
- Mechanical Assemblies
- Cable & Wire Harness Assemblies
- Metal & Plastic Enclosures

## Benefits & Advantages

- Local support, close to you, your markets and customers
- Cost-effective, world-class assembly facility in New Delhi, India
- Responsive and flexible to meet unique customer needs

## Quick Facts

- 50,000 ft<sup>2</sup> manufacturing facility
- 250+ employees
- Located in Lewisberry, PA and New Delhi, India
- Specializing in integrated, electronic contract manufacturing from design, PCB fabrication, PCB assembly, test, unit assembly and shipment
- PCBA capacity greater than 1 million assemblies per year
- PCB Fabrication capacity 100,000 m<sup>2</sup>

## Qualifications & Memberships

- ISO9001:2000
- UL
- RoHS per EU Directive 2002/95/EC
- Indian Printed Circuit Board Association (INBA)
- Future Lighting Solutions (FLS) & Osram LED Light For You (LLFY) Program Partners
- SAP Enabled (Customized ERP)

## Services Offered

- Contract / Turnkey Manufacturing
- Engineering Design Services
- Product Design & Prototyping

## 2011 Customer Satisfaction Ratings

⇒ Overall	<b>93.2%</b>
⇒ Quality	<b>92.5%</b>
⇒ Delivery	<b>94.7%</b>
⇒ Response	<b>93.4%</b>
⇒ Systems	<b>92.0%</b>
⇒ Service	<b>94.9%</b>



Check out our website at [www.optimatech.net](http://www.optimatech.net)

For our latest company information

We provide local support with cost-effective pricing via off-shore manufacturing through our ISO Approved facility located in the Noida Special Economic Zone, outside New Delhi, India (Sahasra Electronics, Pvt. Ltd.). In 2006 we completed a facility and infrastructure expansion enabling us to relocate to our own 50K ft<sup>2</sup>, building. We are about 150 people strong with 3 fully automated SMT lines, TH capability, AOI, ICT and capacity for over 1 million assemblies annually. If interested, more information can be found at [www.sahasraelectronics.com](http://www.sahasraelectronics.com).



In addition, we've have our own, internal PCB fabrication operation and related custom magnetic company. These capabilities allow us to support new product design, prototyping, engineering development, and early production implementation needs of our customers.

### SMT Assembly

- ◆ Fuji-CP-IV high Speed Chip Shooter
- ◆ Fuji-IP-II High Speed Fine Pitch Placer
- ◆ In-Line Auto Vision Screen Printers
- ◆ SMT 300/3.0 Multi-Zone Reflow Oven

### Process Quality & Test

- ◆ Agilent AOI System
- ◆ ERSA BGA Inspection Station
- ◆ BGA Rework System
- ◆ IC Testers (Koyoritsu and Booster)

### Thru-Hole & Other Equipment

- ◆ Time Eng Manual Insertion Rail Platform
- ◆ Estovir Manual Insertion Conveyor Platform
- ◆ Time Eng Insertion / Solder Fixtures
- ◆ High Lo System Universal Programmer
- ◆ Multi-stage Ultrasonic Cleaners
- ◆ IC Programmers



We look forward to the opportunity to discuss or quote your assemblies (printed circuit board, or box-build), printed circuit boards, or engineering services!