



Value is the Difference

Northeast Operations

Methuen, Massachusetts

Suntron's Open System Solutions Group is located in a state-of-the-art 41,000 square foot facility in Methuen, Massachusetts. The Open System Solutions Group provides system design, integration, new product introduction, direct fulfillment, product life cycle management, and supply chain management services based on COTS technology (Commercial off the Shelf Technology solutions) for OEMs and large end-users in the Networking, Military, Medical Instrumentation, and Industrial control markets. The groups unique "Level 5" integration program allows customers to outsource non-core functions to improve overall efficiency and reduce the costs associated with the supply chain and manufacturing process.

Northeast Express

Methuen, Massachusetts

Suntron's record of accomplishment in bringing products to market on time, within budget, and to specification is exceptional. The fundamental force behind our success is our focus on customer requirements and our flexibility to accommodate their needs.

Suntron Express Services provides engineering services and manufacturing solutions that require high velocity responses for printed circuit board assemblies, test solutions, high-level integration, and front-end prototype development. The Express centers serve customers in the aerospace / defense, communications, medical, instrumentation, and computer-related industries.

Suntron Express Services supports product progressing from design to prototype, Low Rate Initial Production (LRIP) product life cycle phases, as well as end-of-life product phases.

The critical components required in a successful New Product Introduction (NPI) process originate at Suntron Express Services. These components include: engineering services, quick-turn manufacturing, materials management, test development, and a flexible workforce dedicated to meeting all commitments.

Market Segment Supported

- Aerospace & Defense
- Industrial
- Semiconductor Capital Equipment
- Networking & Telecommunications
- Medical Equipment
- Military & Homeland Security

Certifications

- AS9100
- ITAR Registered
- ISO 9001 : 2000
- J-STD-001
- IPC-A-610 Class II, III
- IPC 620A
- TUV
- Mil-Q-9858 Compliant
- Certified for Lead-free Manufacturing for both SMT and PTH (RoHS)

Scope of Services

- Product design capabilities
- Printed Circuit Board Layout
DFM / DFT
- Highly experienced New Product Introduction resources. Comprehensive detailed processes committed to smooth transition of new products into production
- Dedicated NPI line for low volume prototype capability
- Quick turn prototype services, either turnkey or consigned materials
- Highly skilled workforce: assembly personnel receive IPC-A-610 and J-STD training and periodic refresher training by internal IPC certified trainers
- Focus on high mix, low to medium volume manufacturing
- PTH Automation – DIP/Axial and Radial
- SMT-0201
- PCB assembly: PTH, SMT, and mixed technology down to 10 Mills
- BGA and Micro-BGA:
 - Over 1700+ Pin Ball Count
 - Down to .25 mm
- Complex electronic and electro mechanical assemblies
- Integration of electrical and mechanical sub-components into the final system or product
- Box Build, system integration, configure to order, and direct delivery to end user
- Manufacturing capability to build complex back plane assemblies
- Test engineering: design for testability (DFT) analysis, in-circuit and functional test development
- Custom manufacturing tests including: electrical, vibration, thermal performance
- Production test capabilities: in-circuit, flying probe, boundary scan and functional
- Continuity, diagnostic, and hi-pot testing
- Automated optical / automated x-ray inspection & Manual 3D x-ray
- Environmental Test Screening
- BGA Re-Ball / Rework (Micro & Standard)
- Conformal coating capabilities: acrylic, silicon and urethane coatings, potting, and bonding
- Warranty Repair Services
- Depot Repair (out of warranty repair)
- Field service repair and spares management
- Supply chain management – EDI with all major suppliers
- Turnkey / Bonded Inventory
- Material Obsolescence Reviews
- Oracle MRP System with APS Kinaxis Simulation Capability
- Spare part inventory management
- Low cost region product and process transfer capabilities
- Direct Order Fulfillment

Require more information?

If you have questions or would like to obtain further information, please call 888.520.3382 or email us at: sales@suntroncorp.com