

Certifications & Compliance

At SCI we believe quality is a result of consistency. That's why we promote the most rigorous of industry standards, providing service and value that meet and exceed our customers' expectations.

Current Certifications include:

- › ISO 9001:2008
- › ISO14001 (Environmental)
- › AS 9100C (Aerospace)
- › NADCAP 7120
- › ESD System: S20.20, CLASS 0
- › ANSI-J-STD 001
- › ANSI-J-STD 001 FS
- › ANSI-J-STD Certified Trainers and Operators
- › IPC-A-610, Class 3
- › IPC-A-600, Class 3
- › CMMI, Maturity Level 3
- › ITAR Registered & Compliant
- › 100% Security Verifications (Visitor / Employee)

Services List

SCI provides a comprehensive range of contract manufacturing solutions for the Defense & Aerospace sector. As a trailblazer in contract manufacturing, SCI has all the experience and expertise needed to meet any contract manufacturing need.

Services offered (non-exhaustive):

- › **Manufacturing**
- › Electronic manufacturing and integration
- › Prototyping
- › Printed Circuit Board Assembly
- › Ball Grid Array (BGA - High IO Count)
- › Part-on-Part (PoP)

- › Micro BGA assembly, inspection
- › CSP, BTC, Flip-chip
- › Low-volume, high-mix to high-volume, low-mix
- › Box Build/Line Replaceable Unit (LRU)/system integration
- › Box Build/LRU/system testing
- › Surface-Mount Technology (SMT)
- › Pin-Thru-Hole (PTH) technology
- › Aqueous clean for water soluble and no-clean
- › Ruggedization (automated and robotic dispense)
- › Flex, rigid flex, and semi-rigid assembly
- › Lamination
- › AOI, SPI
- › Conformal coat (in-house)
 - › Robotic spray coating/curing
 - › Hand coating/curing
 - › Parylene, Urethane, and Acrylic coatings
- › **Logistics**
- › Order fulfillment
- › Full product life cycle
- › Built-to-Stock, Ship-to-Customer
- › Customer-direct fulfillment
- › Warehousing and Vendor Managed Inventory (VMI)
- › **Testing Services**
- › Flying probe, In-Circuit Test (ICT), Functional Test (FCT)
- › ESS
- › HALT/HASS
- › EMI and altitude
- › **Process Value-Add**
- › RoHS and Leaded Processes
- › Design for Excellence (DFx)
- › Depot/logistics/sustainment
- › 2D X-Ray w/ built-in Computed Tomography (CT)
- › 3D Laminography X-Ray
- › EMI



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Scan for more info

A large, semi-transparent globe showing the Americas, set against a dark red background.

INTEGRATED MANUFACTURING SERVICES



END-TO-END CAPABILITIES. ONE LOCATION.

SCI provides comprehensive contract manufacturing of ruggedized electronics to meet and exceed the unique needs of the Defense & Aerospace sector.

Our Integrated Manufacturing Services team offers end-to-end capabilities in-house to include NPI, qualification testing, conformal coating, and end-of-life services.

From NPI to full-rate production, our Integrated Manufacturing team handles it all.
What can SCI build for you?

680,000

Size, in sq. ft., of our facility in Huntsville, AL

1

Point of Contact with end-to-end support

60+

Years of experience in Defense & Aerospace



CERTIFIED & COMPLIANT

SCI is fully CAS compliant and maintains a complete range of certifications for Defense & Aerospace work.



CAPACITY ON-SITE

Our 100-acre campus and 680,000-sq.ft. facility provide all the space needed for on-site testing and repairs.



CONFORMAL COATINGS

We have extensive in-house coating capabilities to include parylene, urethane, ruggedization, and more.



TESTING CAPABILITIES

We maintain a wide range of in-house testing capabilities to include ESS, HALT/HASS, flying probe, and more.



COMPLETE SUPPORT

We offer full product life cycle support from NPI to obsolescence refresh. Plus, we're vertically integrated with Sanmina, our parent company.



STRATEGIC LOCATION

SCI is located in Huntsville, AL, a low-cost region and technology hub next to the U.S. Army's Redstone Arsenal.

Vertically Integrated

As a Sanmina company, SCI can combine our own strengths with those of our corporate parent. This means we're able to manage every segment of a product's life cycle, from design and development to production and support to post-delivery depot repair plus obsolescence management. This level of Vertical Integration sets us apart from the competition.

At SCI, we've been crafting innovative products for more than half a century. With Sanmina, we have the backing of a global Fortune 500 company. Thanks to this strategically advantageous relationship, we're capable of completing virtually any contract manufacturing job.

On Time, On Budget

Many of our customers have been with SCI for decades—and it's no wonder why. We offer a vast array of manufacturing services including Circuit Card Assembly (CCA), Printed Circuit Board Assembly (PCBA), box build, configure to order, obsolescence mitigation and management, engineering services, supply-chain management and comprehensive testing.

But quantity isn't everything. Delivering quality-conforming products on time, every time is our goal, whether you have a new program or one suffering from high costs and low yields at another manufacturer. We're knowledgeable, accessible, and responsive, and we take pride in every customer's success.

New Product Introduction

When partnering with customers to launch new products, SCI provides the engineering, technological, and manufacturing expertise necessary to turn vision into reality.

Utilizing our proven NPI process, we leverage our organic resources to rapidly develop a

custom solution for bringing a product to market. We also offer valuable guidance throughout development to increase throughput, enhance design, and ensure manufacturability.

Life Cycle Services

SCI offers a full range of services for managing products through their entire life cycle. With build-to-print, repair and end-of-life solutions, SCI is fully engaged in the entire life cycle of our products and our customers' products. Additionally, SCI can provide component engineering, reverse engineering and obsolescence refresh services for more mature products and next-generation products. Some of the services SCI offers include managing last-time buys, designing and performing form/fit/function interface updates, and accomplishing full product redesigns.

Whether it is outsourcing of engineering services or finding solutions to critical component issues, SCI has the skills and capabilities to solve problems that can threaten your ability to meet your demands now or in the future.

Supply Chain

SCI's Supply Chain organization comprises seasoned materials professionals who are committed to providing our customers with world-class service. Through long-standing strategic supplier relationships, tactical execution, and advanced systems, we provide a full range of supply chain solutions that meet or exceed our customers' expectations.

Our supply-chain teams deliver a complete solution supporting:

- › Design development
- › Prototyping
- › Test-system development
- › PCB fabrication
- › Enclosures, die casting, plastics
- › System assembly