



Strategic DMSMS sourcing, counterfeit mitigation and component authentication testing

[smtcorp.com](http://smtcorp.com)



# Strategic sourcing and authentication of electronics components



SMT Corp. drives the standards and techniques to ensure that counterfeit, cloned, substandard and modified electronics do not enter the critical infrastructure supply chain.

Over ½ billion components in stock from more than 120 leading original component manufacturers (OCMs), providing a safe source for end-of-life, obsolete and hard to find components.

## Single source distribution and testing

Industry leader in strategic DMSMS sourcing, counterfeit mitigation and component authentication testing.

### Benefits of choosing SMT Corp.

- Industry leader in development of counterfeit identification techniques
- AS6171 and AS6081 accredited authentication lab
- AS6171/7 and AS6081 accredited electrical testing
- DMSMS global sourcing specialist
- Approved supplier to the top US aerospace and defence primes
- Continuous investment in MIL-STD testing methods

Contact our experts:

[www.smtcorp.com](http://www.smtcorp.com)



# Full authentication testing services

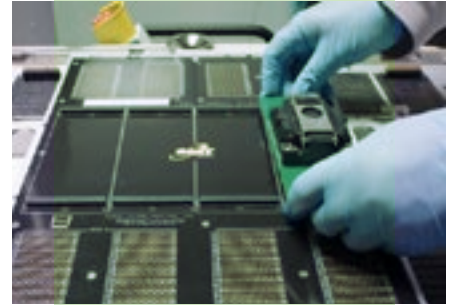
SMT Corp. was one of the first US facilities to become an AS6171 accredited lab. We have continued to operate at the cutting-edge of testing facilities, making SMT Corp. a global leader in counterfeit mitigation.

SMT Corp. continuously invests in the latest equipment and processes to identify and mitigate cloned, altered and counterfeit components for use in critical infrastructure applications across aerospace, defence, transportation, energy, medical, telecommunications and more.

SMT Corp. is ISO/IEC 17025:2017 certified to provide comprehensive electrical and environmental testing services including: DLA test methods, testing at temperature, analogue, digital and RF.

## DLA certified testing capabilities include:

- MIL-STD-750 methods for MOS field-effect transistors
- MIL-STD-750 methods for diodes and thyristors
- Testing of FSC 5961 devices at temperature and temperature cycling
- Certified to test all FSC 5962 devices
- Testing to FSC 5962 devices at temperature and temperature cycling



# In-house electrical testing

SMT Corp. engineers perform a wide array of basic, core and value-added electrical and environmental test services:

## PCB Design (NRE)

SMT Corp. designs PCBs using both off-the-shelf and custom sockets. This enables repeatable test conditions and minimises future NRE costs to customers who have recurring test needs for component sockets that have already been created.

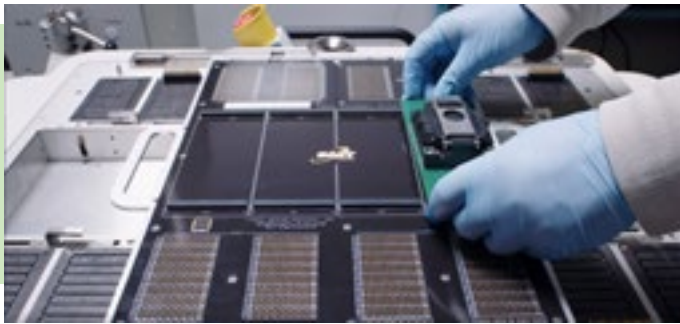
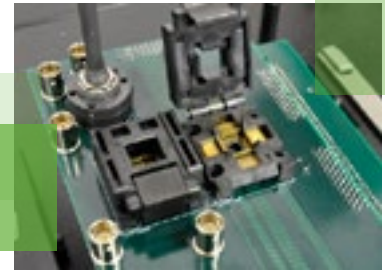
## Software Design (NRE)

Our engineers write the software for our electrical testing, resulting in:

- Improved throughput and repeatability
- Reliable replication of testing in the future

## Component Testing

SMT Corp. tests a wide range of components to verify compliance with specifications.



## Value added services

- Re-packaging including tape and reel
- Bake and seal/dry pack
- Excess inventory program
- Purchase, consignment or revenue-share programs
- Material stored at SMT Corp's US facility
- Storage, advertising, sale and invoicing
- Secure web-portal access 24/7/365
- No material storage fees
- Quick, clean transactions and monthly payments on material sales

# Custom-built 'gold standard' facilities



## AS6171/AS6081 Accredited Lab

- Secure, purpose-built facility in Connecticut
- 72,000 ft<sup>2</sup> of state-of-the-art facilities
- Facility-wide HVAC and humidity-control
- ESD controlled work surfaces and floors
- Fully secure complex
  - Video monitored surveillance
  - Controlled entrance/exit with vehicle registration monitoring
  - Staff facial recognition entry system and unique key fob access to sensitive areas

## Accreditations

### Defense Logistics Agency

- DLA QSLD and QTSL Supplier
- DLA MIL-STD-750 Electrical Test

### Counterfeit Mitigation Standards

- AS6171 - ISO17025
- AS6081
- AS5553

### Quality Standards

- ISO9001:2015
- AS9120B
- ANSI/ESD-20.20:2014
- ISO14001:2015
- R2v3
- ISO45001:2018
- ITAR registered

# About SMT Corp.

As the first company to invest heavily in counterfeit mitigation tools and techniques for counterfeit and clone detection, SMT Corp. remains the industry leader.

SMT Corp. is the only US-based business that offers aerospace and defence customers an accredited one-stop-shop for strategic sourcing, authentication and testing - ensuring no break in the chain of custody.

In January 2022, the US Defense Logistics Agency mandated that all electronic components purchased outside of franchised distribution or direct from OCM must be tested in accordance with AS6171 requirements.

## **SMT Corp. provide:**

- State-of-the-art AS6081/AS6171 counterfeit mitigation testing
- ISO 17025/AS6171 electrical testing services
- ISO 17025 accredited electrical testing as part of a component authentication process or as a stand-alone test service

**For more information about SMT Corp's capabilities  
visit [smtcorp.com](http://smtcorp.com) or speak to a member of our team.**

## Contact Us

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