

Gardien Services USA Inc. (Gardien USA)

Gardien USA is the United States largest provider of independent quality assurance services for the PCB industry and is part of the Gardien Group which serves customers supplying the automotive, defense, telecommunication, aerospace, medical, computer and industrial markets worldwide.

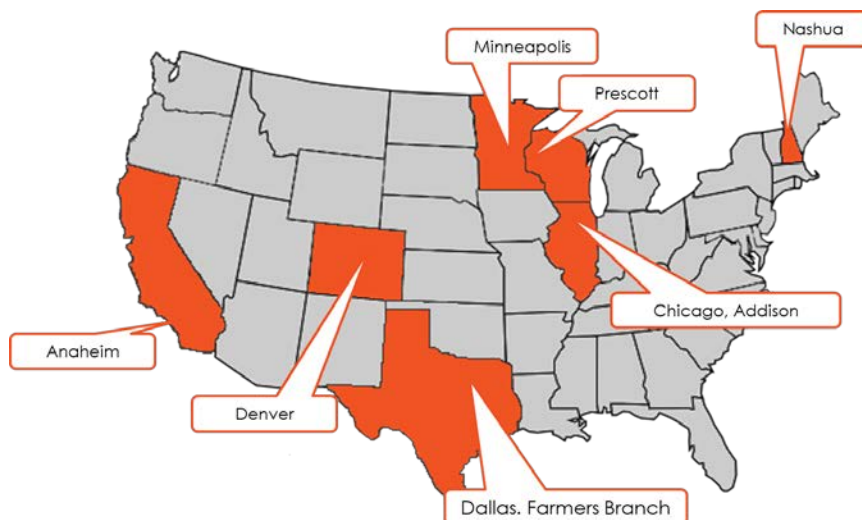
Gardien is the one stop shop for independent testing and quality assurance solutions for PCB manufacturers in the USA. Gardien's quality assurance solutions and process standards are trusted by some of the country's most important industries including US aerospace, defense and medical.

All of our solutions are tailored to our customers' needs and can include:

- ✓ Electrical testing
 - Flying Probe/Fixtureless testing
 - Universal grid testing
 - Dedicated testing *
 - 4 Wire Kelvin (low resistance testing)
 - High Voltage testing
 - Hipot testing
 - Embedded resistance and capacitance testing
- ✓ CAM Services
- ✓ Fixturing (universal grid, dedicated, functional, Hipot)
- ✓ Fault identification and repair
- ✓ Scanning/reconstructing CAD data
- ✓ Automatic Optical Inspection *
- ✓ Automated Visual Inspection and FOA
- ✓ Equipment and customer care
- ✓ Consulting

* Although not currently available at our US facilities, these services are provided elsewhere by the Gardien Group and may be made available according to solution requirements.

Gardien USA locations



Registrations and certifications
 ISO Registered
 USA ITAR
 MIL – 31032,50884,55110

Test specification
 IPC 9252B

Contact us:
 Gardien USA
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 Email: info.na@gardien.com

Go for the Gardien Solution

Gardien provides tailored solutions that are designed to help improve product quality and performance efficiency.

Tailored solutions

Our solutions are flexible to meet customer's business needs, from independent small batch testing to fully integrated quality assurance facilities.

Some examples of how we are working with our customers today include:

- Customer sends overflow and/or complex jobs to their nearest Gardien facility.
- Customer sends electronic data to their local Gardien facility for cleanup and processing.
- Customer employs Gardien as their dedicated quality assurance provider.
- Gardien operates an integrated quality assurance facility within the Customer's own facility.

Benefits

Working with Gardien's global network of experts provides a range of valuable benefits, from increased brand protection to additional capacity during the up turns and cost management during the down turns.

- Independent experts providing valuable quality assurance, protecting your reputation and business through improved quality and reduced customer returns
- Access to new technologies as they develop including the Gardien OnTrack system that provides added efficiency and valuable data capture of production processes
- Flexible throughput, process capacity planning and management, work in progress control and test capabilities
- Flexible costs including removal of the process from Capex.



Technical experts

The Gardien Group has been serving the PCB industry for over 30 years.

Our technical experts developed much of the equipment we use today and are continuing to make developments to help support our customer's evolving needs long into the future.

The Gardien Group

Gardien is the world's largest provider of independent testing and quality assurance solutions to the PCB industry. **Our global footprint is what makes us truly unique.** We operate on an international basis with facilities in Europe, Asia and North America. We cater to a whole range of customers, from small family owned PCB shops to large international fabricators... and everything in-between.

How can we help you? Contact us: info.group@gardien.com or visit us on our website: www.gardien.com