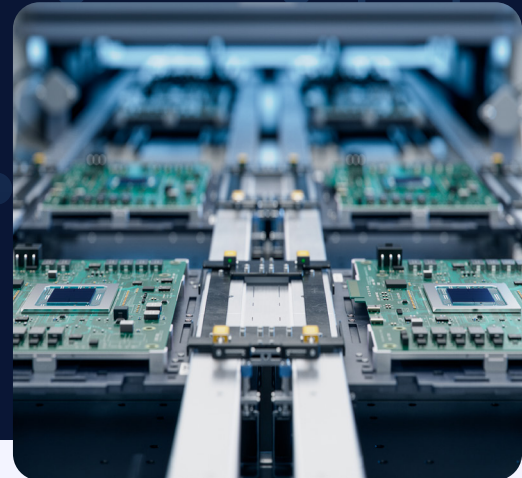PRO-ACTIVE ENGINEERING

Pro-Active Engineering

Capabilities Overview

PCBA experts focused on scalability, efficiency, and speed, providing cutting-edge electronics and a flexible workflow.

CORE COMPETENCIES

Engineering

- PCB Layout
- Software & Firmware Development
- Embedded Control Design
- Test Fixture Design
- Bluetooth Design
- Electronic Troubleshooting
- Analog and Digital Design
- Programming
- Industry Standard I/O (WiFi, Zigbee, Ethernet and more)
- Mechanical Design

Finishing & Testing

- Test Procedure Development
- Functional Testing
- Potting, Conformal Coating
- Box Builds
- Packaging Design
- Specialty Packaging

Manufacturing

- Printed Circuit Board Assembly
- High Mix, Leading Edge Technology
- Surface-Mount Technology
- Plated Through Hole
- High-Speed Automation
- Quick Turn Prototyping (SpeedShop)
- Prototype to Production

Support

- Accurate cross-platform analytics powered by Manex to track, manage and optimize resources
- Customer-focused methodology
- Compliant to Counterfeit Avoidance SAE AS5553B
- BOM Scrubbing & Risk Mitigation Documentation Control
- SiliconExpert software helps avoid obsolescence risk

About Us

Pro-Active Engineering brings nearly three decades of expertise in the PCB industry, streamlining design engineering and mass production processes. Our comprehensive services allow our customers to centralize manufacturing and engineering, eliminating the complexity of multiple vendors and supply chains.

Company Information

Founded in 1996
45,000 sq. ft. facility
120+ employees
CAGE code: 7R4Q2
DUNS: 040697646

Quality Registrations

ISO 9001:2015
Certified to all Navy & Army specifications
JCP Certified DD Form 2345
ITAR compliant

NAICS Information

334418 - Printed Circuit Assembly
334419 - Other Electronic Component Manufacturing
335999 - All Other Electrical Equipment & Component Manufacturing
541330 - Engineering Services
541512 - Computer Systems Design Services

DIFFERENTIATORS

EXPERIENCE Proven expertise in both engineering and manufacturing

INTEGRITY Committed to respect and professionalism

SERVICE Exceptional customer support and fast quote turnaround times

QUALITY Consistently superior in performance and reliability

VALUE Elevating client success through innovative and effective solutions

INDUSTRIES SERVED

Aerospace
Military & Defense
Medical Device
Pharmaceutical
Industrial Equipment
Unmanned Systems
Energy Systems
LED Lighting
Scientific & Research Equipment