



Where “zero defects” takes on a whole new meaning.



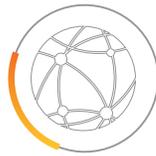
Delivering mission-critical products for the defense industry.

There are few markets where precision and quality mean as much as they do in the defense industry. Where so much is depending on getting your product right. At Plexus, “mission-critical” is not a term we take lightly. From battlefield communications and electronic counter measures to radar or C4ISR systems – we understand that the products you’re creating are more than advanced technologies.

They’re protecting lives – at home and in the field. And we’re dedicated to being your best, most reliable partner in bringing those critical defense products to life.



DESIGN AND DEVELOPMENT



SUPPLY CHAIN SOLUTIONS



NEW PRODUCT INTRODUCTION



MANUFACTURING



AFTERMARKET SERVICES



Regulatory expertise and compliance.

Defense is a specialized industry with unique and demanding requirements. At Plexus, our approach provides the support structure, confidentiality and expertise in regulatory compliance to successfully bring your most complex and sensitive defense products to market.

- AS9100 (design and manufacturing)
- DoD Trusted Source Accreditation
- Nadcap
- ITAR and EAR Compliance
- CAS Compliance
- FAA FAR 145
- EASA
- ISO 9001
- ISO 14001
- ANSI/ESD S20.20
- IPC 610 Class II and III
- IPC J-STD-001
- IPC J-STD-001FS

Your trusted partner for defense product development.

We're committed to being your single-source partner, with all the expertise necessary to make your most complex defense products a reality. That includes fully understanding the unique needs of your customers and all the demands and sensitivity of the defense industry. We maintain active partnerships with key prime contractors and defense consortia across the globe. Our teams stay well-versed in the defense acquisition process, including compliance, regulatory flow downs, end program management and Better Buying Power efficiency initiatives.

At Plexus, we have the global resources to create and maintain your product at lower cost, with the systems to ensure quality, continuity of supply chain and the regulatory compliance the defense industry requires. We'll work closely with your team to create a product solution that improves your competitiveness, increases market share and reduces your time to market. With Plexus, you can trust that your mission-critical products will work the first time. Every time.

At Plexus, we think globally, but act locally.

We've strategically designed our process and infrastructure so we can tailor our solutions to your regional and technical requirements. Our design and manufacturing capabilities support "Made in USA" defense products through our Boise Defense Center of Excellence and Microelectronics Center of Excellence, with Trusted Source accreditation. We can support European defense programs with facilities local to that region. Manufacturing capabilities in the Asia Pacific region allow us to provide non-conflict, cost-down initiatives for defense projects. And we are active members in GIDEP to ensure a healthy, global defense supply chain.

Defense Market Experience

- C4ISR
- Unmanned Aircraft Systems
- Global Positioning Systems
- Sensors: radar / sonar / optical
- Mission-critical network solutions
- Military IR solutions
- Secure communications
- Ballistic and munition systems

Technical Expertise

- Engineering Design and Development
- Enhanced design for excellence (DFX) analysis tools for a reliable solution optimized for manufacturability and reduced lifecycle costs
- Defense-specific Supply Chain Solutions
 - Counterfeit prevention
 - Obsolescence management
 - Conflict material avoidance
 - Trusted Source
 - Modernization
- Microelectronics Center of Excellence featuring DoD Trusted Source Accreditation
- Worst-case circuit analysis (WCCA) to identify and eliminate potential defects or deficiencies
- Dedicated turnkey New Product Introduction support
- Flexible work cell configurations
 - Conformal coating
 - Tinning
 - In-line inspection
- Failure analysis lab
 - Gold mitigation
 - XRF testing
 - High power microscopy
- Product assurance test solutions
 - Environmental
 - HALT
 - HASS
- DoD compliant costing and acquisitions processes
- DoD experience in supporting manufacturing readiness level (MRL) and technology readiness level (TRL) activities
- Aftermarket Services solutions
 - Decontamination
 - Upgrade
 - Repair
 - Overhaul



Ready to get started? Contact our Defense team at plexus.com/contact or by using the appropriate phone number below.

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