PLEXUS ®
The Product Realization Company

End-to-end solutions for
Defense, Security and Aerospace products.

Conceptualize
Design
Commercialize
Manufacture
Fulfill
Sustain

Established in 1979, Plexus is a leader in providing electronics design, manufacturing and aftermarket services to companies with mid-to-low volume, higher complexity products. We have been delivering comprehensive Product Realization solutions to our customers for more than 35 years.

Our seamless value stream services model offers the flexibility your products require, while meeting or exceeding all technological, quality and regulatory requirements demanded by the defense, security and aerospace industries. When you partner with Plexus, you gain an accountable, single-source partner across the entire Product Realization Value Stream with a commitment to Customer Service Excellence and Operational Excellence.

Bringing innovative products to life.

Defense, security and aerospace programs depend on comprehensive solutions to support highly complex, sensitive products from design to production and beyond. Our dedicated team of experts understands these mission-critical demands, and will work closely with your team to improve competitiveness, increase market share, and reduce time to market.

Most importantly, Plexus is a trusted partner. We provide the level of quality and security essential to your highly regulated industry.

Product experience and expertise.

Defense Solutions
+ Missile systems
+ Thermal imaging/infrared
+ Electronic counter measures
+ C4ISR
+ Radar/sonar/optical sensors
+ Electronic sub-systems for unmanned vehicles

Security Solutions
+ Security point screening systems
+ Chemical analysis
+ Personal identification applications
+ Fingerprint recognition
+ Iris and facial recognition
+ Threat detection

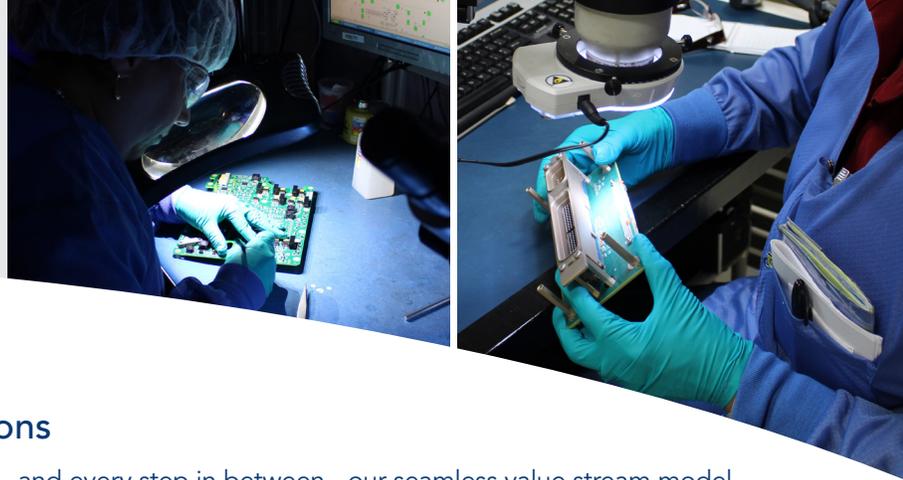### Aerospace Solutions
+ Avionics
+ Engine controls
+ Environmental controls
+ Emergency locator transmitters
+ Flight control processors
+ Collision avoidance

Regulatory Expertise and Compliance
+ AS9100 for design
+ AS9100 for manufacturing
+ CAS compliance
+ ANSI/ESD S20.20
+ Nadcap
+ FAR 145
+ ITAR
+ ISO 9001:2000
+ ISO 14001
+ IPC – 610 – Class II and III
+ IPC J-STD-001
+ IPC J-STD-001ES
+ DoD Trusted Source Accreditation

Innovative, reliable solutions for your critical products.

Optimized Product Realization Solutions

From product conceptualization to sustaining services - and every step in between - our seamless value stream model enables you to choose any combination of our Product Realization solutions to realize your go-to-market strategies.

Conceptualize - Collaborating with your team to capture a new concept and clarify requirements

+ Initial concepts evaluated and prototypes developed
+ Focus on ergonomics, case research, user interface and aesthetics
+ Dedicated design team to help transition your products from concept to reality

Design - Delivering innovative, high quality product designs that meet your industry's security standards and regulatory requirements

+ Expert project management with a focus on quality, reliability, time-to-market and total cost of ownership
+ Design assurance/design services team with full AS9100 accreditation
+ Product miniaturization solutions for cSWAP initiatives
+ Full obsolescence management with a focus on Design for Excellence and Value Engineering methodology

Commercialize - Transforming product designs into manufacturable products while providing peace of mind

+ Industry leading transition management enabling products to move seamlessly from NPI to LRIP and FRP
+ Up to Manufacturing Readiness Level 8 documentation support
+ Rapid prototyping and robust test strategies for manufacturability
+ Global supply chain solutions assess variability, flexibility and service level requirements

Manufacture - Providing globally integrated processes to ensure the highest quality products

+ Flexible, scalable, cost-effective solutions including full turn-key manufacturing and test for LRU or HLA
+ Global AS9100 facilities, including two dedicated Aerospace Manufacturing Centers of Excellence
+ Microelectronics Center of Excellence featuring DoD Trusted Source Accreditation
+ Experts on product quality planning and post-SMT build processes

Fulfill - Offering the expertise and resources to help you save on warehousing, material handling and inventory management

+ Direct order fulfillment, build-to-order and configure-to-order
+ Common, globally integrated IT toolset
+ Worldwide logistics network

Sustain - Supporting you and your product long after its release to the marketplace

+ Global Aftermarket Services solutions supporting your MRO requirements including FAR 145 capability
+ Proactive obsolescence engineering, end-of-life and alternate component sourcing management
+ Product redesign, technical refresh, modernization and enhancement with regulatory compliance support
+ Life cycle support for long-term BOM management

GLOBAL HEADQUARTERS

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