Sustainment Solutions

While other providers may promote a complete end-to-end solution, the reality is a number of third party subcontractors are used to complete the task. Micross is different — from our US-based advanced packaging & assembly, component test & modification and counterfeit mitigation facilities situated in Orlando, Raleigh, Manchester, Round Rock, Clearwater and Milpitas, Micross can provide a complete end-to-end sustainment solution making us uniquely qualified to be your One Source Sustainment Partner.

Complete Portfolio of Capabilities servicing DoD today

Micross is a proven hi-reliability microelectronics provider supplying $100s of millions of products and services annually to the Defense Industrial Base. For the last 40 years, we’ve been providing component and engineering solutions that address obsolescence challenges and keep critical weapons systems in mission-ready condition. Micross provides the broadest portfolio of Sustainment Solutions servicing DoD today to sustain the performance of critical platforms and to eliminate the need for costly re-designs & re-qualifications.
One Source Sustainment Solutions

to keep mission-critical systems & platforms operational

Micross can tailor any facet of the sustainment process to fit customer’s unique requirements or entire program management for broader lifecycle management solutions.

**Comprehensive Sustainment Management**
- Program Management
- BOM Analysis/Monitoring for Obsolescence Risk
- Development of Tailored Sustainment Solutions

**Material Solutions**
- Die and Package Sourcing
- Die Banking and Long-term Wafer Storage
- EOL Component Planning and Sourcing
- “Commercial Grade” Part Identification & Sourcing
- Long-term Component Storage per GEIA-STD-0003
- Inventory Management
- VMI Kitting and Delivery to Point of Use

**Engineered Solutions**
- Die Characterization
- FPGA/ASIC Redesign
- Wafer Bumping
- Component Upscreening (including PEMS)
- Packaging & Assembly
- Component Testing - Electrical, Mechanical & Environmental
- Component Modification Services
- Counterfeit Mitigation Testing

Integrate Weapons Systems  Battelfield Communications  Air-to-Air & Strategic Missile Systems  Aircraft
Broadest franchised line card for die and wafer products

- Legal franchise agreements with TI, Microchip, ADI, ON Semi, Renesas & others
- All die/wafer products come with original manufacturer’s Certificate of Compliance
- In-house/on-shore wafer processing including saw, probe, sort and inspection

Packaging and Assembly across multiple facilities

- Micross has been building, certifying and supplying components to the SMD datasheets and customer SCD for 30+ years
- Assembly capabilities in Orlando, Raleigh and Milpitas

Leading-edge electrical and environmental test capabilities

- Characterization & qualification to MIL-STD certs. or customer-defined requirements
- Broad portfolio of test platforms & methodologies in Milpitas and Orlando
- Complete array of IC Counterfeit Detection & Mitigation Test Services in Clearwater

Built-to-stock portfolio of up-screened components, including 5962 products

Centers of Excellence for component modification capabilities

- Robotic Hot Solder Dip, Lead Attach and Forming, BGA De-ball/Re-ball

All US-sites are ITAR-Registered

- DMEA Trusted Source in Raleigh and San Jose locations
- COMSEC Processing in Manchester facility

One Source. One Solution.™ | www.micross.com