



## COMPLIANCE

- ISO 9001
- ISO 13485
- ITAR
- IPC-A-610

## ABOUT EMERALD NPI

Emerald's industry-leading **New Product Introduction (NPI)** Centers feature the most advanced prototyping capabilities and, just as important, an attitude that fosters **speed, flexibility, quality** and **customer satisfaction**.

Our dedicated Emerald NPI team operates outside the constraints of a production environment—working diligently to support your every need.

Extension of Your Team

Seamless Transition to Production

State-of-the-Art Equipment

## CAPABILITIES

- Quick-Turn / Prototyping Services
- On-Site Process Development
- Design For Manufacturing (DFM)
- Full Rework & Repair Services
- Engineering Lab Space
- Thermal Cycle Testing On-Site
- Automated X-Ray Inspection (AXI)

sq ft  
**550,000+** EMS  
**15,000+** NPI

team members  
**1,300+** EMS  
**35+** NPI





DVT



NPI /  
EVT



PVT /  
Pre-Pilot



Pilot



Production

WE OFFER

### DEDICATED NPI OPERATIONS

- Full-time procurement professionals
- Dedicated engineering resources
- On-site workstations for customers

### COMPONENT ENGINEERING SERVICES

- BOM Risk Analysis
- Obsolescence Management
- Second Sourcing Support
- Compliance Services

### QUICK-TURN SERVICES

(with support of customer's Design Engineers)

- 48-hour turns on consignment kits  
(with full DFM/DFT reporting)
- 5-day turn on full turnkey orders  
(with full DFM/DFT reporting)

## ABOUT EMERALD EMS

Emerald EMS is a global company with over 40 years of experience, offering advanced high mix, low- to medium-volume manufacturing capabilities for high-reliability end markets, including **Aerospace & Defense, Industrial Markets, Life Sciences,** and **Networking & Communications.**

Emerald EMS provides its customers experienced engineering and a full suite of manufacturing services throughout a product's lifecycle—from **design assistance, prototyping & assembly** through **functional test, distribution,** and **supply chain management**—all under the supervision of your dedicated **Customer Success Team.**

*The combination of speed, flexibility, and quality execution enables our valued customers to get their products to market faster and more cost effectively*