



Cost-effective, reliable solutions for your industrial electronic equipment.

IPS's single-source industrial electronic equipment solutions include repair and field services, remanufacturing, and an extensive inventory of electronic components. Our service technicians are available 24/7 to perform failure analysis, field testing, and diagnostics and repair. They have extensive experience with a wide range of OEM brands and utilize state-of-the-art technologies to extend your equipment life. We back our repair and field services with new product sales and can quickly provide you with the right replacement.

Industrial electronic repair benefits:

- ✓ Single-source repairs for multiple OEM brands
- ✓ Repair and reconditioning for all AC & DC drives, I/O modules, instruments, monitors, operator interfaces, power supplies, PLCs, and servo controls
State-of-the-art test and repair equipment
- ✓ Automated static, dynamic and functional tests for inventory and logistics management
- ✓ ISO-compliant quality assurance
- ✓ Quick turnaround, with special expedited services available
- ✓ Repairs backed by service warranty
- ✓ Guaranteed cost savings

Extensive experience in the following industries:

- ✓ Communications
- ✓ Education
- ✓ Entertainment
- ✓ Food processing
- ✓ Government
- ✓ Manufacturing
- ✓ Military
- ✓ Printing
- ✓ Research
- ✓ Retail
- ✓ Security
- ✓ Transportation

For more information about industrial electronic repair services, scan the code:



ADDITIONAL IPS NETWORK CAPABILITIES

IN-SHOP REPAIR

Motor And Generator Repair

- ✓ In-shop capabilities:
 - ▶ AC up to 15,000 VAC or 80,000 HP
 - ▶ DC up to 1,000 VDC or 10,000 HP
- ✓ On-site capabilities:
 - ▶ AC > 15,000 VAC or 80,000 HP
 - ▶ DC > 1,000 VDC or 10,000 HP
- ✓ 14 ft. VPI—100% solids epoxy resin
- ✓ 145-ton lifting capacity
- ✓ Dynamic balance stand up to 100,000 lbs.
- ✓ UL® and CSA® certification
- ✓ Stator and rotor restacking
- ✓ AC & DC motor redesign

Rewind Technologies

- ✓ VPI Insulation Systems:
 - ▶ MegaSeal™ HV (up to 15 kV) with 5-year warranty
 - ▶ PowerSeal™ MV (up to 7.2 kV) with 5-year warranty
- ✓ IntegraCoil™ B-stage stator coils up to 15 kV

Motor And Generator Testing

- ✓ Full load testing up to 4,500 HP
- ✓ No load testing up to 37,500 HP
- ✓ Run testing up to 15,000 VAC/1,000 VDC
- ✓ Motor Circuit Evaluation (MCE)
- ✓ Doble and Partial Discharge
- ✓ IEEE 1776-2008 Water Immersion
- ✓ IEEE 1043 Voltage Endurance
- ✓ Computerized Core Loss up to 500kVA
- ✓ Electromagnetic Core Imperfection Detection (EL CID)
- ✓ Vibration analysis (Spectral)
- ✓ Thermography
- ✓ Polarization Index Test
- ✓ Resistivity, Hi-Pot (AC & DC), Meggar, Surge test

Authorized Warranty Repair

- ✓ ABB
- ✓ Baldor/Dodge/Reliance
- ✓ Sicmemotori
- ✓ Siemens
- ✓ WEG

FIELD SERVICE

Predictive Maintenance

- ✓ Vibration and modal analysis
- ✓ Motor Circuit Evaluation (MCE)
- ✓ Doble testing
- ✓ Partial discharge testing
- ✓ Electromagnetic Core Imperfection Detection (EL CID)
- ✓ Operational Deflection Mode Shape (ODMS)
- ✓ Finite Element Analysis (FEA) software
- ✓ Synchronous rotor diagnostics
- ✓ Current analysis trending
- ✓ Thermography
- ✓ Ultrasonic testing
- ✓ Oil analysis

Preventive Maintenance

- ✓ Precision laser alignment
- ✓ Cryogenic “dry ice” cleaning
- ✓ On-site balancing
- ✓ Commutator and slip ring service
- ✓ Filter replacements
- ✓ Lubrication programs
- ✓ Equipment inspections
- ✓ On-site Commissioning and Repair
- ✓ Equipment installation/removal
- ✓ Emergency and outage support
- ✓ Mechanical machining and repair
- ✓ AC & DC motor and generator repair
- ✓ Stator and armature rewinding

DISTRIBUTION

CNC Precision Machined Parts

- ✓ Shafts up to 16” dia. and 60” long
- ✓ Milling up to 20” x 40” plate
- ✓ Hole drilling and tapping
- ✓ Flats and hex parts milling
- ✓ Keyways machining
- ✓ Cutting multiple parts in sizes up to 16” dia.
- ✓ Digital bore gauges
- ✓ 3D CAD/CAM

AC & DC Motors—NEMA, Above NEMA

- | | |
|-------------------------|---------------------|
| ✓ ABB | ✓ Siemens |
| ✓ Baldor/Dodge/Reliance | ✓ Toshiba |
| ✓ General Electric | ✓ TECO Westinghouse |
| ✓ Leeson | ✓ U.S. Electric |
| ✓ Marathon Electric | ✓ WEG |

For a complete listing of service center locations, scan the code:



**Respond.
Rethink.
Resolve.**