



## Stronger Links. Smarter Builds.

From prototyping to full-scale production, XACT Engineered Manufacturing Solutions delivers custom cable assemblies, overmolded connectors, and electromechanical builds that maintain critical connections in the harshest environments.

### We Start With Trusted Brands

**HellermannTyton**

**Glencair**

**Amphenol**

**fischer**  
CONNECTORS

**tyco**

**DEUTSCH**  
CONNECTORS

### We Transform Them Into Custom Solutions

#### ELECTRICAL ENCLOSURES & PANEL BUILDS

- Control boxes, junction enclosures, and panel wiring solutions
- Molded panel mounts and custom poly gaskets for sealing
- Certified builds (NEMA, IEC, CSA) for dependable operation



#### CUSTOM CABLE ASSEMBLIES

- Ruggedized harnesses built for harsh environments
- Copper, coaxial, shielded and unshielded solutions
- IPC Class 3 workmanship and MIL-DTL terminations



#### OVERMOLDED CABLES & INTERCONNECTS

- Circular, rectangular, D-Sub, USB, RJ-45, and specialty geometries
- Rubber, polyurethane, and custom jacketing options
- Hermetic, IP-rated, EMI/RFI-shielded designs



#### MILITARY-GRADE ASSEMBLIES

- Mission-critical cable and interconnect solutions
- Certified to MIL-DTL and other defense standards
- Full-service recertification and restore-to-spec programs



#### ELECTROMECHANICAL BUILDS

- Box builds and integrated assemblies
- Breakout harnesses with 2-15 leg configurations
- System-level wiring for industrial and defense platforms



## We Deliver Application-Ready Performance

XACT adds value far beyond assemblies. Our engineering, testing, and integration expertise ensure every build performs reliably in the world's harshest environments.



### WORKMANSHIP & STANDARDS

- IPC Class 3 workmanship and MIL-DTL terminations
- Builds certified to AS9100D:2016 and ISO 9001:2015
- Compliance with IPC/WHMA-A-620 and J-STD-001



### TESTING & COMPLIANCE

- Electrical, mechanical, and environmental validation — RF (VSWR), insulation resistance, vibration, shock, temperature cycling, humidity, salt fog, and pressure testing
- Compliance to aerospace and defense standards (MIL-STD-810, RTCA DO-160)
- First article inspection, qualification runs, life-cycle stress screening



### VALUE-ADDED SERVICES

- Restore-to-spec recertification and repair programs — including refurbishment of assemblies we didn't originally manufacture
- Kitting and assembly options streamline supply chains and reduce downtime
- Dedicated inventory programs provide responsive delivery for recurring needs
- Options for custom logos, labeling, and branding

## Why XACT

- **Traceability & Quality** — Certified builds with full process documentation to meet aerospace and defense standards
- **Proven Expertise** — Decades of experience delivering ruggedized assemblies and interconnects
- **Scalable Support** — From prototyping to production, including repair, recertification, and inventory programs



## Partnered for Complete Solutions

MATRIX

Ask us about Matrix Technology — delivering EMI shielding, thermal management, gasketing, and labeling solutions for integration with your XACT builds.



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