Mechatronic Assembly

Unified Business Technologies, Inc.
Engineering \ Manufacturing Development and Production
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Mechatronic Assembly

Service Details
In support of UBT’s PCB and cable assembly services, we offer comprehensive mechatronic assembly unifying electrical, electronic, and mechanical assembly skills.

Combining mechanical components that are of dissimilar material and manufacturing methods requires understanding of proper handling and assembly methods. Our team has extensive experience in assembly of complex mechanical systems that require knowledge of engineering tolerances and proper use of mechanical tools and gauges.

Mechatronic assembly commonly involves wire and cable interconnection. This can be achieved by way of prefabricated harnesses or point to point wiring. This interconnect often requires critical routing to coexist with mechanically moving parts.

Helping to simplify your complex production needs

Using UBT’s mechatronic assembly capabilities in conjunction with our other manufacturing services can help to simplify your complex acquisition process. Utilizing a single, customer-centric source for turn-key product builds can reduce delivery time, minimize cost, and provide a single point of accountability to your organization.

Types of Assemblies:
- Industrial Automation
- Test Stands
- Computer / Control Systems
- Display Systems
- Sensors
- Consumer Electronics
- Building Automation