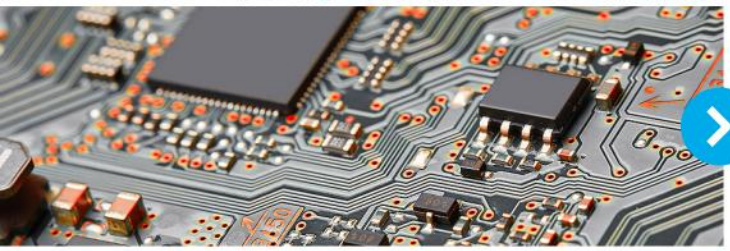
CUSTOM AUTOMATED TEST SYSTEMS

GOOD AUTOMATION



Aerospace / Defense

- Test System Integration
- TPS Development
- Data Acquisition
- High Speed Control
- Safety Systems
- Custom Designed Fixtures
- Mechanical Design
- Automatic Test Equipment
- RF and Radar Testing
- Record and Playback Systems
- HIL Real-Time Systems
- FPGA development
- Obsolete System Updates
- LabVIEW
- LabWindows CVI
- TestStand
- C, C#, C++
- Python
- Electrical Circuit Design
- Fatigue Testing
- Avionic Systems
- ARINC 429
- MIL-STD-1553
- Mass Interconnects with ITA's
- Simulation Systems
- System Verification

Successful Deployments

Avionics Testing and Simulation
- Simulation of electronic signals used throughout aircraft
- Designed a rack for PXI system with 1500 I/O signals
- Mass interconnect system with custom PCB's in ITA's
- Automated fault detection program
- Wrote automated test scripts for validation

Fatigue Testing
- Real-Time and FPGA development
- Open-loop and closed-loop control algorithms
- ID algorithms to support models for different test fixtures

RF Test Product
- Architected OOP LabVIEW to easily add new features
- Developed LabVIEW alongside client's team
- Integrated UI and data processing from other languages
- Processing RF data and FPGA Network Analyzer

Custom Automated Test Fixture
- Developed custom Test Executive software for multiple parts
- Designed and built custom test fixture with part detection
- Adds new test configurations by database without recompile

(972) 795-2640 | Info@GoodAutomation.com | www.GoodAutomation.com