CUSTOM AUTOMATED TEST SYSTEMS

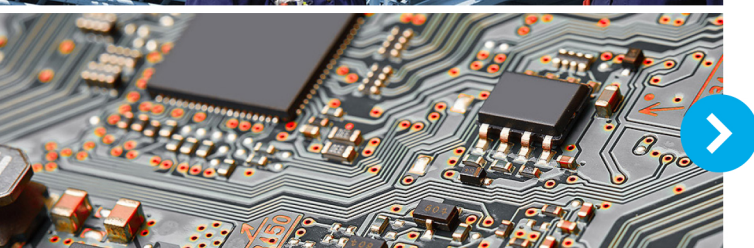**GOOD AUTOMATION**

Test Automation

Test System Integration
Data Acquisition
High Speed Control
Safety Systems
Custom Designed Fixtures
Mechanical Design

LabVIEW
LabWindows CVI
TestStand
C, C#, C++
Python
Electrical Circuit Design

Medical Device

Design Verification
Production Test Systems
Custom Validated Fixtures
Validation Planning
Protocol Development
Measurement System Analysis

Process Validation IQ/OQ/PQ
TMV, SOP's, WI's
Gage R&R
Part 11 Validation
Requirements Traceability
Risk Management

Aerospace / Defense

Automatic Test Equipment
Custom Fixtures
RF and Radar Testing
Record and Playback Systems
HIL Real-Time Systems
FPGA development

Fatigue Testing
Avionic Systems
ARINC 429, MIL-STD-1553
Mass Interconnects with ITA's
Simulation Systems
System Verification

Oil and Gas

High Pressure Control Systems
Temperature Control Systems
Safety Systems
High Temperature PCB Design
Shake and Bake Testing
Product Design

Updating Legacy Systems
R&D Test Systems
Flow Loops
Systems Integration
Hazardous Product Testing
Leak Testing

Semiconductor

Automated Test System
Prober Automation
Test System Config Management
Characterization
RF Equipment Automation
Flying Probes

MEMS
Calibration Automation
Mechanical Fixtures
Systems Integration
Big Data Storage
Real-time Analytics

Transportation

HIL Systems
Radar
LIDAR
CAN Systems
ECU's
System Buses

Train Braking Systems
GPS Systems
Mechanical Fixtures
Systems Integration
Charging Stations
Rapid Prototyping

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