# 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