Test System Integration Services

- Automatic Test Equipment (ATE) & Data Acquisition Systems
  - Custom ATE design, integration, and fabrication (PXI, SCXI, cRIO, cDAQ, AXIe, VXI, LXI, USB, GPIB)
  - TurnKey COTS test systems
  - Functional and in-circuit test
  - National Instruments, Agilent Technologies, Teradyne and Huntron alliance partner

- Test Program Sets (TPSs)
  - Test requirements analysis and test strategy definition
  - Test program development (LabWindows/CVI, LabVIEW, TestStand, VeriStand, ATML/XML, C#, .NET, ATLAS, Basic, etc.)
  - Automated test program translation from legacy code to modern programming languages
  - Instrument drivers (IVI, VISA, etc.)
  - GUIs
  - ATML/XML test description and test results
  - SQL database interface/storage applications

- Interface Test Adapters (ITAs)
  - Custom ITA designs
  - Cabling and wire harnesses
  - Circuit cards
  - Test assemblies
  - Discrete wire and PCB based ITAs
  - Complete ITA manufacturing services

- Manufacturing Build to Print
  - Built to customer specific requirements

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Testing

The Limits Of Technology

Advint is a veteran-owned small business focused on test & measurement, and process automation solutions. We are a system integrator of automatic test and data acquisition systems for military and Original Equipment Manufacturer (OEM) applications that provide factory to field support.

**Industrial Automation**
- Data acquisition
- Vision systems
- Motion control
- Sound & vibration test
- Temperature monitoring
- Process automation
- PID & Programmable Automation Controllers (PACs)
- Data buses/protocols (OPC, Modbus, CAN Bus, LIN Bus, ClimateTalk, ASI, etc.)
- Sensors (Allen Bradley, Banner, Honeywell, Keyence, PCB Piezotronics, Pepperl+Fuchs, Turck, LVDT, Etc.)

**Industries Served**
- Aerospace
- Automotive
- Biological
- Chemical
- Defense
- Energy
- Paper
- Semiconductor
- Telecom
- Etc.

**Circuitry**
- Digital
- Analog
- Video
- Electro-Optics
- Infrared
- RF/Microwave

**Air/Fluid Sampling**
- Collectors
- Detectors
- Identifiers
- Fluidics
- Nebulizers
- Solenoids
- Valves
- Pumps/blowers
- Vacuum gauges
- Pressure Transducers
- Transition tubes
- Inoculators/Assays

**Avionics/Electronics**
- Communication
- Navigation
- Controllers
- Radios/Radar
- Displays
- Sensors
- Monitoring

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