



"Meeting Your Needs for Effective Electronic Test"

Complete Test
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www.completetest.com
A women-owned small business

News: Complete Test developed a product awarded "The Best 100 Products of 2003" by EDN Magazine

Engineering and Technical Services/Capabilities

- **Electronic Functional Test System Services**
 - Consult on Electronic Functional Test System Development
 - Integrate Test System hardware including choosing instruments, Computer, I/O, DUT fixtures, and cabling for noise free measurements – design fixtures as required
 - Develop Test System test plans, test designs and test procedures
 - Develop Test System programs (VEE, LabVIEW, C++, VisualBasic.Net, etc.)
 - Develop Test System documentation for hardware, software and test procedures
 - Minimize test times while retaining complete test plan coverage
 - Evaluate and update legacy test systems
- **Hardware and Software Design Services**
 - Design electronic products including hardware, software, firmware, user interface
 - Design electronic hardware: PCB, ASIC, FPGA, microprocessor, analog, etc.
 - Design software applications using C, C++, Visual Basic, Java, NI LabView, VHDL etc.
 - Develop software drivers: IVI, VEE, Plug & Play, NI LabView, etc.
 - Analyze designs and perform throughout the product development cycle
 - Integrate hardware and software products into operational components
- **Data Acquisition (DAQ) and Control Design and Integration Services**
 - Consult on DAQ solutions
 - Integrate DAQ systems hardware including choosing equipment, Computer, I/O, sensor (MEMS) and actuator selection
 - Design and write the DAQ program to system specifications
 - Document the DAQ system and procedures
 - Provide DAQ system support
- **Technical Writing, Graphics and Documentation Services**
 - Hardware and Software User and Maintenance Guides/AutoCad graphics/Usability

Put our expertise and years of experience to work for you

- Recognized industry experts in electronics and electronic test
 - Served on the committees that established IEEE standards
 - Have been awarded patents in the computer and electronics industries
- Experienced in system engineering of automated test systems and data acquisition solutions
 - Combined 100 years experience in test and measurement and systems integration
- Experienced designing electronic circuits and taking products through their entire life cycle
 - Combined 75 years experience in product development (hardware and software)
- Experienced in project management of multi-discipline teams across the U.S. and in foreign countries

Company Items of Note

- We are serving on the committees to establish the IEEE1451 family of standards - "A Standard for Smart Transducer Interface for Sensors and Actuators"
- Developed a product awarded "The Best 100 Products of 2003" by EDN magazine
- Professional relationship with Colorado School of Mines providing instruction for the Multidisciplinary Engineering Laboratories
- Complete Test is a women-owned Small Business