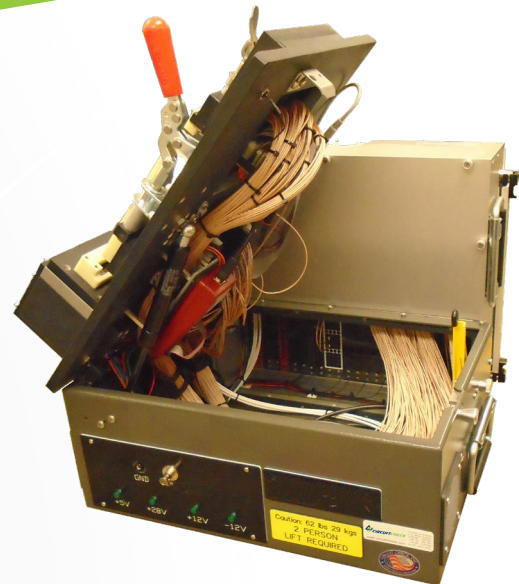


Customized Test Solutions for the Military and Aerospace Communities

Military and aerospace electronics spans a vast array of complex applications, including communications, vehicle control, radar, electronic warfare and countless others. Although the applications are widely varied, there are similarities in the requirements as well. Typically these electronic systems, whether COTS (Commercial Off-the-Shelf) or custom developed for the application, share similar requirements for ruggedness, reliability, and precision. Our customers don't have room for error, mission critical hardware test systems must perform as designed. Circuit Check provides solutions for ITA's, Self-Test Fixtures and Automated Test Systems that meet the stringent needs of this marketplace.

We know developers of military and aerospace products need a test solutions partner to help solve some of the most complex test challenges. Circuit Check partners with these developers to eliminate potential test risks and ensure the test system is built with the highest quality and reliability.



Capabilities

- **RF**
- **High speed digital**
- **Analog**
- **Complex ITA's**
- **Self-test fixtures**
- **Test system modernization**
- **Build to print**
- **Full turnkey test development for all forms of analog and digital electronics from DC to 40GHz and beyond; including mechanical and electrical design, software development, fabrication, and self-test**
- **Software capabilities: LabVIEW, Test Stand, C#, CCI Test (VB.net), HAL and MAL software techniques are Circuit Check's core competencies**
- **Full acceptance testing**

“

Over 40 years of experience building complete test systems and interface test adaptors. Circuit Check adheres to the Controlled Goods Program and is ITAR registered.”

Circuit Check's Expertise and Benefits

Build to Print Partner

Circuit Check partners with our customers for build to print racks including a detailed review and update of the customer's documentation. We will also design and fabricate, self-test fixtures including the necessary software to allow for verification of proper test system operation.

Verification and Validation Testing

We provide end to end electrical design, software development and verification of each test system we build.

Documentation

Circuit Check specializes in reviewing documentation packages of existing systems and will provide updates for release to our customer's document control center.

Interface Test Adapters

Whether the test requires a simple or extremely complex ITA, Circuit Check is the unmatched leader having designed, fabricated, and delivered thousands of ITA's in our 40 year history. From simple mechanical, pneumatic actuated to water cooled housings - we've seen it all.

Updating Existing Test Equipment

Your programs are often required to run for 20 years or more; off the shelf test equipment was not designed with this in mind. Obsolescence is a never ending battle that Circuit Check can help you win. We specialize in taking older, obsolete test systems and bringing them into the present age with a design that makes future test equipment obsolescence much easier to overcome.

Design Services

Circuit Check's Engineering Services team provides full turnkey automated test solutions for electronic and RF / Wireless products in the military and aerospace community. Our Engineering Services team provides design for testability (DFT) consulting, requirements specification development, design, fabrication, system integration, installation, startup support, and sustaining services. Our experienced project managers, engineers, and technical staff work directly with our customers to ensure a successful project. A dedicated project manager is assigned to each project to ensure on-time, fast-turn and on-budget deliveries.

Quality, Reliability & Safety

Quality, reliability, and safety of your test systems is our top priority. Circuit Check projects include specification development following an ISO 9001 compliant design process that defines intended uses, design requirements, and the overall design plan for the test system. Once approved, the system is then designed and built to meet the documented requirements. Finally, the completed system is verified and validated against original requirements to ensure all design requirements and intended uses are satisfied. This disciplined process provides documented traceability from requirement-to-result.



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