



UNIVERSAL CYCLER

A REVOLUTIONARY TEST DEVELOPMENT SYSTEM THAT **LOWERS YOUR COSTS** AND PROVIDES YOU A TESTING SOLUTION IN A **FRACTION OF THE TIME**

At a Glance:

Company

JDS Test Consulting LLC

Location

Auburn Hills, MI

Target Users

Automotive R&D Laboratories

Alternative Energy Manufacturing

Production Auditing Departments

Solution Overview

Hardware/Software testing solution for mechanical fixtures:

- Validation testing and data recording
- Durability cycling and anchorage testing
- Vibration and frequency analysis

Solution Benefits

- 25-50% lower testing solution development costs
- 25-50% faster testing solution development time
- Consistent user interface across all test solutions

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Tachi-S Engineering U.S.A. INC.

“JDS Test’s Universal Cyclor test development system provided us a complete testing solution in significantly less time and less cost when compared to the other bids we received. The solution works flawlessly and provided us configuration flexibility we haven’t had in the past.”

Thomas J. Kralik, Testing Manager

Tachi-S Engineering

Challenge

The traditional testing solution development process involves taking a client’s testing requirements and then designing and developing a customized hardware, software and service testing solution. This process involves a significant amount of customization, re-work, time and cost as the solution is built and tested to specifications. “Unfortunately, the automated testing solution design and development process has conformed to the same rules for the 30 years I’ve been in the industry,” added Tom Kralik.

Solution

JDS Test has developed a unique and revolutionary system for test solution development. The Company’s Universal Cyclor test development system significantly lowers the time and cost to develop custom testing solutions for use in a wide range of mechanical testing environments. Universal Cyclor was developed using the intelligence of over 100 years of test solution development experience and provides a new approach to test solution software development. JDS Test developed Universal Cyclor over a 3 year period and it has produced 5 live test solutions to date.

Results

Tachi-S Engineering is a company who relies on a highly specialized automobile testing solution. JDS Test’s Universal Cyclor delivered immediate benefit by providing Tachi-S Engineering access to a customized testing solution without the usual time and expense associated with design and development. Additionally, Universal Cyclor enables Tachi-S Engineering the flexibility to quickly and easily make configuration changes once the solution is in a live testing environment.