

# 6D in 60 Seconds

Spring 2020



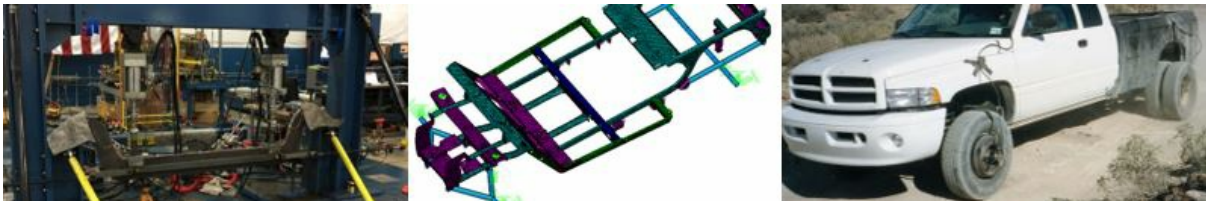
## ENGINEERING ANSWERS through TESTING & ANALYSIS

In this business you have to get your hands dirty. From the test lab to ocean oil platforms, underground mines, and everywhere in between - we collect, analyze and interpret the data to drive simulation and provide answers to complex and costly mechanical engineering challenges.

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## Structural Validation through Integrated Simulation and Testing



Today there are multiple methods used to validate a new or upgraded product design. 6D generally relies on four [FEA-driven validation approaches](#). Each is proven, effective, and technically sound; and each has its advantages:

- [FEA with Field Testing Validation](#)
- [FEA with Durability Rig Validation](#)
- [FEA with Proving Ground Validation](#)
- [FEA with Rotating Machinery System Validation](#)

Learn more about these approaches to help determine what might be best for you.

**Video: A Closer Look at Durability Rig Validation**

## Product Structural Validation Approaches

Durability Rig Testing



SixDOF Testing & Analysis (6D)

Experiences Over the Years

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## Let's Connect!



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## What's New:

### Product Validation Consulting Service

Many small to medium-size manufacturers operate on the build-it/break-it principle but are finding their markets are demanding lighter, more functional, more durable, less expensive products.

A faster and more cost-effective approach is to leverage computer simulation tools to do much of the validation digitally and use testing to support the simulation model for up-front loads and downstream validation. In other words, build the physical product confident it will meet performance targets.

[Learn More](#)

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## 1 on 1 with: Garth Wiley



As 6D Vice President and Sr. Technical Consultant, Garth brings more than five decades of hands-on project engineering and management experience to each project. Garth is an expert in structural dynamics design validation and problem-solving through integrating operating testing, modal testing, and finite element analysis disciplines. Garth shares some of his experience and practical advice in this short interview.

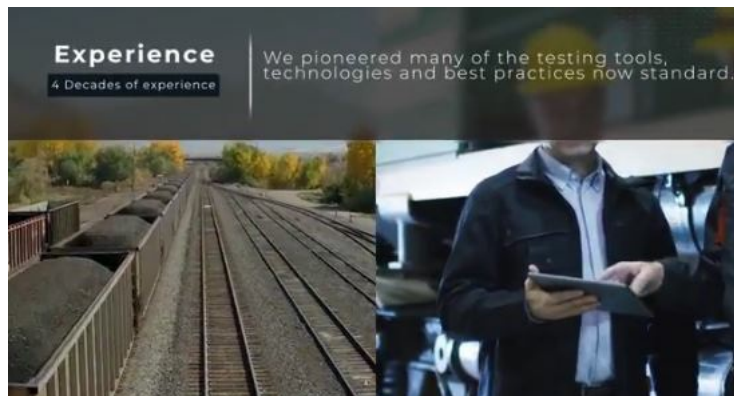
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### Some say talk is cheap... We say its FREE

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