



# TESTING & ANALYSIS

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## The 6D Difference

Six DoF Testing and Analysis (6D) provides answers to mechanical engineering challenges throughout all phases of the product lifecycle. From upstream design validation to field testing, troubleshooting and next generation product development we help our customers achieve measurable improvements to product innovation, quality, reliability, and performance.

## Physical Testing is Alive and Well!

*The real-world data provided by physical testing remains critical to the design, manufacture, quality and performance of products.*

As today's digital infrastructure and collaboration tools evolve, testing will continue to adapt to fully leverage these technologies. Expanded internet bandwidth and greater cloud data storage, along with advancing sensor, Bluetooth and imaging technology, will ensure more economical uses of the test engineer's time to provide the data that drives simulation and validates product designs.



Read the Machine Design Magazine article [here](#).

## Case Study: Testing & Simulation for Vehicle Durability Validation

With a contract for a fleet of shuttles on the line, ARBOC Specialty Vehicles needed to demonstrate Altoona durability compliance. To better ensure that the design would pass these rigid testing standards, 6D was commissioned to help validate the new bus design.

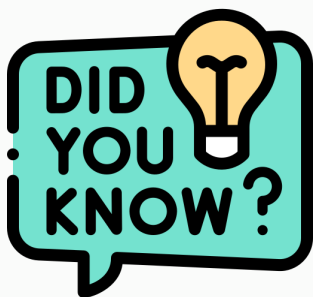
Read About it [Here](#)



## Motion Amplification Videos: Receive Testing Results Faster!

Data collection, testing, and field troubleshooting are constantly evolving to take advantage of new tools and technologies. Today, data can be recorded and uploaded to the cloud or access via wireless devices. Simply put, collection no longer requires engineers and technicians to be physically on-site.

Learn more [here](#).



## Did you know that 6D offers Finite Element Analysis and Engineering Simulation Services?

*Engineering analysis is a critical component in today's accelerated product development processes. We complement our leading testing services with expert Finite Element Analysis (FEA) and engineering simulation capabilities.*

Learn more [here](#).

Read and watch our latest company news and get a few practical tech tips along the way. Follow the links below to check us out!

[LinkedIn](#) or [YouTube](#)

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