



SIGNALYSIS NEWS

JUNE 2021

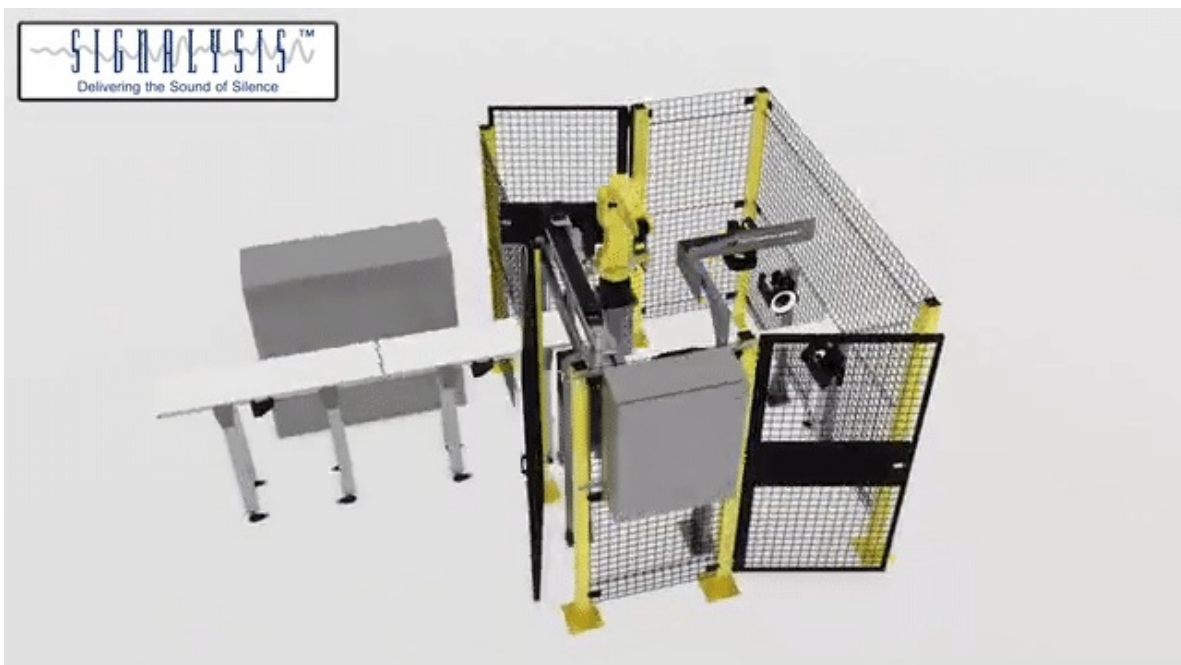
*To deliver the ultimate solution experience to our customers
with unsurpassed integrity!*

At Signalysis, we put 25 years of practical hands-on experience to work to eliminate subjective quality testing. Quantifying customer complaints and other objectionable noises allows our customers to consistently deliver defect-free products, resulting in measurably reduced customer complaints, scrapped parts, warranty claims, recalls, and lost contracts.

At Signalysis we're all about *going the extra mile*.
Let us show you how.

[Visit our Website](#)

Brake Pad Quality Inspection



Suppliers must be certain that their products meet customer expectations and rigid quality standards. This is especially true for automotive brake system suppliers. Signalysis brake

pad quality inspection test systems provide objective, automated 100% inspection.

Click on the image above to watch a short video or the link below to learn more.

[Read More](#)

Its Show Time! (Finally)



Remember the good old days when people actually attended tradeshow? Are you ready to get out and see what the industry has to offer? If so, why not take in the Assembly Show in Rosemont, IL? While you're there be sure to come by the Signalysis booth (1518).

We would appreciate the opportunity to hear more about your specific quality challenges and show you a little of what we have to offer!

[Show Information](#)

4 Questions 4: Jerry Nieb



Jerry is a technical consultant and registered Professional Engineer with 40+ years of experience in the metals, automotive, manufacturing, defense, medical and aerospace industries.

Throughout his career, he has designed, developed, and installed numerous data acquisition and process monitoring systems.

Learn more about Jerry with four quick questions!

[Read the Interview](#)

Case Study: Automotive Axle Noise



Noise and vibration are more than a mere annoyance. Such quality issues can result in excessive warranty claims and lost contracts.

So, when a Tier 1 automotive supplier required a production line test system to assess final drive transmission errors, they naturally called upon the expertise of Signalysis to deliver a solution.

Training Never Stops

NVH & Quality Inspection

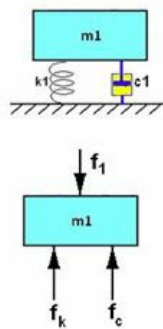


In person or remote, training continues to be critical for success. Our NVH and Quality Inspection Training Program provides (in a single day) a basic understanding of noise and vibration principles. We'll also present quality inspection techniques along with an introduction to SigQC™ quality inspection software.

To learn more follow the link below or contact Neil Coleman at 513-528-6164 x 111 or via e-mail neil.coleman@signalysis.com.

[More Information](#)

White Paper: Vibration Theory



Hook's Law: $f_k = kx$
(force equals stiffness x displacement)

Viscous Force: $f_c = cv = c\dot{x}$
(force equals viscosity x velocity)

Newton's 2nd Law: $\sum_{i=1}^3 f_i = ma = m\ddot{x}$
(sum of forces equals mass x acceleration)

A discussion of vibration theory usually begins with the analysis of a simple mass, spring and damper system. This is because once you analyze the vibration process for this system you can then apply the results to the most complicated vibrating structure.

[Read the Paper](#)

We are hiring!

(still need more help in conquering the world!)

Signalysis is looking for qualified Sales Representatives.
To learn more contact:

Neil Coleman

E-Mail: Neil.Coleman@signalysis.com

Tel: 513.404.3847

Quality Solutions Close to Home

No matter where you are, Signalysis has you covered. We're partnering with some of the industry's most respected sales organizations to put product quality solutions right in your back yard.

[North Central Manufacturing Solutions](#)

Iowa, Minnesota, Wisconsin, Illinois
Steve Lamer: steve.lamer@ncmfgsolutions.com

[NVH Testing Technologies](#)

Michigan, Northern Ohio
Steve Johnson: Steve.Johnson@nvhtt.com

[Vertex Manufacturing Solutions](#)

Indiana
Jeff Trotta: jeff@vertexms.us

[R.O. Whitesell & Associates](#)

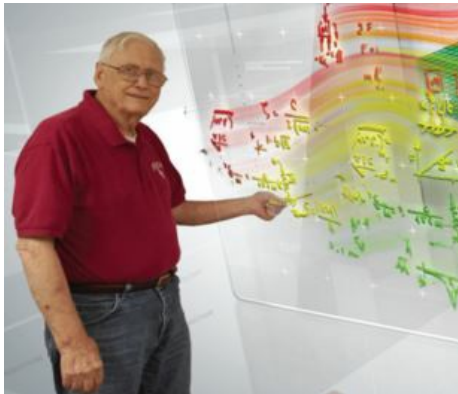
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Andrew Whitely: andrew.whitely@signalysis.com

[Signalysis \(Asia Pacific\)](#)

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Did you know... We Literally Wrote the Book on Sound & Vibration

Nobody knows sound and vibration like Signalysis. And we're making copies of Bob Coleman's book available to you.

Follow the link below to request your copy of "Experimental Structural Dynamics: An Introduction to Experimental Methods of Characterizing Vibrating Structures" while they last! [Learn more here.](#)

[Request a Copy](#)



To deliver the *ultimate solution experience* to our customers
with *unsurpassed integrity!*

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