



SIGNALYSIS[®]
DELIVERING THE SOUND OF SILENCE™

SIGNALYSIS NEWS

JULY 2019

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

For more than thirty years we've built our business and our reputation on a simple yet critical philosophy: *To deliver the ultimate solution experience to our customers with unsurpassed integrity!* You'll find that statement printed on our web site, in our brochures, heck it's even at the top and bottom of this newsletter... in fact it's printed in our DNA.

I get it, everyone claims to have great service; so, what makes Signalysis different? We believe that it has everything to do with our ability to listen, our responsiveness, and most important our commitment to solve YOUR specific product quality assurance issues. This is what sets us apart and we hold ourselves accountable to deliver.

Our problem-solving approach is rooted in several careers of research, development and hands-on test applications experience. Needless to say, we've been around the block a few times. Signalysis senior staff helped pioneer many of today's testing methods, tools and best practices; and we take pride in bringing this experience, expertise, and commitment to you.

Look, quality issues can strike anywhere - from upstream design to in-service product failure and everywhere in between. But no matter where you are in the product lifecycle, or what challenges you face, we're here to provide the solution.

Like they say, talk is cheap; so, let us prove it to you. Contact me to discuss the quality issues that are keeping you up at night. No cost or obligation, just a chance to learn more.

Neil Coleman
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Visit our Website

Quality Inspection Seminar

DATE

September 10, 2019

LOCATION

Indianapolis, IN

These FREE one-day sessions provide a basic understanding of sound and vibration principles along with a practical understanding of end-of-line quality inspection systems. The seminar also includes an introduction to Signalysis quality inspection software, SigQC™.

What's Included:

- There is no cost to attend.
- A complimentary lunch is provided.
- We invite you to bring functioning parts (good and bad) for discussion following the seminar. Please make arrangements with your seminar host below prior to the seminar.

Registration & Information

Check our web site for additional seminars.



Seminar Agenda General

Seminar will run from 9:30-3:00

Morning Session

- Introduction to Signalysis
- Introduction to Sound and Vibration
- Hands-On Example
- Real-Life Application

FREE LUNCH!!!!!!

Afternoon Session

- More Real-Life Applications
- Metric Analysis and Development
- Statistical Tools and Data Analysis
- Q&A

Introducing Our Newest Partner!



[M6 Revolutions Inc.](#) was founded to help customers solve manufacturing problems by partnering with leading manufacturers from around the world. At M6 Revolutions, we offer great value to customers by not limiting ourselves to one solution. We also provide unmatched experience, engineering, and project management assistance to ensure the project is done correctly and on-time. If M6 Revolutions does not have a partner that meets your needs, we will be glad to make recommendations for different manufacturers based on our deep industry contacts and experience.

For manufacturers, M6 Revolutions brings solid engineering capability and expertise which sets us apart from typical independent representatives. Based on the experience of M6 Revolutions, manufacturers can be confident that their representative is an expert in their craft and will share that expertise with each and every potential client. M6 Revolutions actively covers and supports the Northwest region consisting of WA, OR, ID, MT, and BC Canada.

Signalysis Selling Partners

[Foothills Independent Sales, LLC](#)

North Carolina, South Carolina

Peter Fallon: sales@foothillsrep.com

M6 Revolutions

Idaho, Oregon, Washington, British Columbia
Jacob Stock: jstock@m6revolutions.com

North Central Manufacturing Solutions

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

NVH Testing Technologies

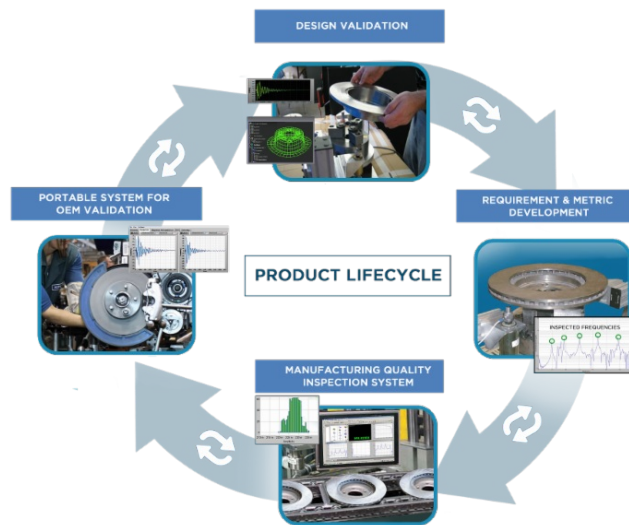
Michigan, Northern Ohio
Steve Johnson: Steve.Johnson@nvhtt.com

Vertex Manufacturing Solutions

Indiana
Jeff Trotta: jeff@vertexms.us

Quality Throughout the Product Life Cycle

Implementing Signalysis upstream in the product life cycle saves time and money while boosting quality. The data flow from design validation testing leads to better requirements specifications on prints. This results in accelerating and improving the production quality inspection process. The true value comes when supplier Quality Engineers roll up to OEM and field inspections with confidence and a full complement of data to backup any complaints.



Let us show you how we can help.

Contact us to Learn More

Functional Test Systems

Custom APPS

For more than 30 years Signalysis has been providing custom test system application design and development. Using proven, industry-tested object libraries and routines, we will develop software applications to your exact specs, enhance and modify existing in-house programs and improve your development schedules. We've adopted an agile scrum methodology to ensure a collaborative application development environment.

Read More

LabVIEW Integration

LabVIEW integration has become a significant part of the Signalysis solutions package. We combine control system hardware design with LabVIEW automation software

development to provide custom test system solutions. As a National Instruments Alliance Member, we have certified LabVIEW developers on staff.

[Read More](#)

4 Questions 4: Bob Farrell

Bob handles marketing responsibilities for Signalysis. Let's learn a little more about him with four quick questions.



Can you tell us a little about yourself?

I'm the second of 5 children and I've lived my entire life in the Greater Cincinnati area. I graduated from Wilmington College (Wilmington, OH). My father was one of the founding members of SDRC (now Siemens PLM) and that's where I met Neil Coleman and a lot of others with that innovative entrepreneurial spirit. My wife and I have three children - one is married and two are in grad school. My hobbies include golf, gardening, and coaching high school football.

In your opinion, what are the biggest challenges manufacturers face today?

In our *order it today, expect it yesterday* world, consumers are quick to bail on a company who isn't meeting delivery or quality expectations. As consumers, we hold manufacturers accountable. With all of the available options out there, brand loyalty only goes so far.

What do you enjoy most about working at Signalysis?

That's easy - the culture. The staff is experienced and eager to take on any product quality challenge. There's a real sense of pride that comes with exceeding customer expectations - it's something that you just have to experience to understand. But more than that, they are just plain good people and it shows. Integrity and customer service get a lot of lip service these days; but Signalysis insists on it.

Last question. Where are some of your favorite places to visit?

My family and I are big Notre Dame football fans (Go Irish). With all due respect to Oklahoma University (sorry Neil and Kyle) there's nothing like being in South Bend on game day. I also like West Virginia. My wife has family in the Beckley area and we try to make it down that way every year if possible.

White Paper: Vibration Theory

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. It will be shown later how complex structures vibrate in a superposition of a unique set of different deformation patterns (called mode shapes). Each mode shape has its own resonance frequency and responds to vibratory forces in a manner described by the same differential equations as are used to describe single mass, spring and damper vibration response.

[Read the White Paper](#)

Charity Golf

Neil "Green Jacket" Coleman will hit the links again this year in support of your local charity. Send him an e-mail with details

about your charity golf outing. If possible, we'll sponsor a team with Neil and three golfers of your choosing.

Don't wait. Neil's availability (like his putting skills) is limited.



Hooked on Vibration!

Did you happen to have a copy of the September 2017 issue of *Sound & Vibration* magazine handy? If so, flip to page 8 and read how our own "NASA Bob" Coleman got his start to a stellar career and his contributions to the industry. Don't have a copy? That's OK you can read it [here](#).

Remember, nobody knows vibration like Bob Coleman; and we're making copies of his book available to you while they last. [Learn more here](#).

"Experimental Structural Dynamics: An Introduction to Experimental Methods of Characterizing Vibrating Structures"

Request a Copy



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

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