






PHM2012 - Exhibitor Company Descriptions

- Booth #1**  **SAS** is the leader in business analytics software and services, and the largest independent vendor in the business intelligence market. SAS helps customers at more than 50,000 sites improve performance and deliver value by making better decisions faster. Since 1976 SAS has been giving customers THE POWER TO KNOW®. www.sas.com
- Booth #2**  **NATIONAL INSTRUMENTS** offers sound and vibration hardware and software for a wide range of applications, including predictive maintenance, machine diagnostics, and test cell applications. Along with 24-bit digitizers in PXI, PCI, USB and embedded platforms, NI software provides audio measurements, fractional-octave analysis, frequency analysis, transient analysis, and machine vibration order tracking
- Booth #3**  **PHM Technology** is the developer of the Maintenance Aware Design environment ('MADe'), a suite of integrated modelling and simulation tools with compounding analysis capabilities.
- Booth #5**  **NASA** (National Aeronautics and Space Administration) has a decades-long history in fielding health management solutions in its space vehicles. Additionally, there are now several major research efforts under way to advance the state of the art in PHM for both aeronautics as well as space applications. For a sampling of research on prognostics, see <http://prognostics.nasa.gov>
- Booth #6**  **GLOBAL TECHNOLOGY CONNECTION. Inc. (GTC)** based in Atlanta, Georgia, USA has 13 years of history in design, development and commercialization of innovative technology products and services in the area of Predictive Maintenance; Modeling and Simulation; Advanced Materials and Failure Prevention/Analysis. These innovative products can substantially reduce the maintenance costs, increase uptime (availability) and improve safety in a variety of equipment and machinery such as HVAC, pumps, batteries, generators, power turbines, trucks etc. GTC also partners with OEMs to

make technology tools that can be embedded into the original equipment.

Booth#7

Impact Technologies
A Sikorsky Innovations Company

Impact Technologies, a Sikorsky Innovations Company, is a health management solutions provider to the aerospace, ground vehicle, maritime, and energy industries. Impact provides customers innovative but practical systems for monitoring, diagnosing, and predicting the health of their critical assets. Impact's products provide information and tools for customers to manage risk, reduce life cycle costs, increase availability, and enhance safety.

Booth 10



NRG Systems is an independently-owned manufacturing company that has served the global wind energy industry for almost thirty years. Our products can be found on every continent in more than 140 countries, serving wind turbine manufacturers, wind farm developers, electric utilities, consultants, and research institutes.

Booth #11



CECOM is the Warfighter's 'one-stop-shop' for life-cycle support of the communications-electronics systems and equipment they carry. Designated a life-cycle management command, CECOM conducts training missions; provides field support for equipment and systems modifications and upgrades; and provides logistical expertise to ensure the on-time delivery of equipment, services and capabilities to the Warfighter.

Booth #12



Ridgetop Group Inc., is the world leader in providing advanced electronic prognostics and health management (PHM) solutions, semiconductors for harsh environments, and built-in self-test (BIST) solutions for critical applications. Ridgetop Group as a proven library of IP cores and board-level solutions for optimized integrated subsystems and systems. Ridgetop Group's Quality Management System has been certified to the AS9100C standard for provision of engineering, research & development, electronic prognostics, and integrated circuit design. Ridgetop is also an accredited DoD Category 1A Trusted Integrated Circuit Supplier for Design Services.

Booth #13



Frontier Technology, Inc. develops solutions that translate complex data into accurate knowledge and informed actions. Business and sustainment decisions are supported by tools and processes for affordability assessments, logistics planning, and business case analysis. Operational decision support includes tools and methodologies for Phenomenology, Condition Based Maintenance and Systems Health Management.

Booth #14



Since 1916, **SAE International** has worked with the aerospace community to find solutions to its most common problems through such globally adopted AS, AMS, AIR, and ARP technical documents. With more than 250 standards-developing technical committees, health management expertise in such aerospace systems areas as aircraft structures, propulsion systems, and landing gears, as well as additional expertise in prognostics and fiber optic sensors, it was a natural step for SAE to explore needs for standardization in support of Integrated Vehicle Health Management technology, or IVHM. At the booth, learn of the organization's groundbreaking efforts in this area and its committee that is exploring standards related to the analysis and diagnosis of a vehicle and an understanding of how a failed structure or piece of equipment impacts overall vehicle health – with potential benefits for maintenance and fleet management.