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News Release

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CALCE WELCOMES NCODE AS NEW MEMBER

nCode joins Center for Advanced Lifecycle Engineering's Prognostics Health Management Consortium

Southfield, Michigan, USA July 1, 2008 – nCode International, a leading developer of data analysis software, data acquisition systems and durability solutions, today announced that nCode has joined CALCE's Prognostics Health Management Consortium (PHM), based at the University of Maryland.

Brian Dabell, Executive VP for nCode, stated that "CALCE's PHM Consortium is at the forefront of prognostics and health management, particularly in the area of sensor technologies and damage models to assess and monitor the consumption of life for electronic systems. nCode has worked for many years in the field of structural durability and fatigue prediction, providing software and systems that help our customers design and test their products and systems to improve product quality, reliability and durability. nCode is now actively developing systems that monitor and analyze the loads and associated damage to understand and quantify the severity of usage that vehicles experience in operation, allowing for on-condition maintenance, better fleet management reduce unexpected failures.

"CALCE and nCode's areas of expertise are highly complementary, and nCode's membership of the Consortium will certainly help further the development of Vehicle Prognostics (VePro) Systems, work we are actively engaged on for several US Federal customers. The nCode Advanced Application Center in Starkville, Mississippi will be seeking practical applications and ways nCode and CALCE can exploit the work of the PHM Consortium." added Brian.

Professor Michael Pecht, the Director of CALCE said on nCode's joining "CALCE is glad to welcome nCode as a new member. nCode is a leading supplier of durability, test, and analysis products to the automotive, off-road, rail, defense and aerospace markets. nCode's membership adds yet further strength to the PHM Consortium and we look forward to working with them in the continued successful development of prognostics and health management technologies."

About nCode International

nCode is a leading developer of durability, test & measurement, data analysis, asset monitoring, and product design (CAE Durability) solutions. nCode offers a unique combination of data measurement and acquisition instruments, powerful analysis software, and services that help customers eliminate unexpected failures by measuring and converting durability, performance and operational data into information from which business decisions can be made that improve Product Life Performance (PLP). Established in 1982, nCode has direct offices in Europe, North America, and Asia. For more information about nCode, please visit www.ncode.com.

nCode products include: ICE-flow GlyphWorks, Automation, and DesignLife, SoMat eDAQ, and eDAQ-lite. The nCode Logo, nCode, ICE-flow GlyphWorks, ICE-flow Automation, ICE-flow DesignLife, SoMat eDAQ, and eDAQ-lite are trademarks or registered trademarks of nCode International Corporation in the USA and/or other countries.

About CALCE

The Center for Advanced Life Cycle Engineering (CALCE) is the world's largest electronic products and systems research center focused on electronics reliability. With support from over 100 corporate sponsors, revenues top \$7M. CALCE conducts state-of-the-art research on electronic devices, electronics packaging, product reliability and systems risk assessment; providing the most sophisticated and practical failure analysis to companies; teaching classes to industry on electronic products development and reliability; and providing guidance to companies on a host of life-cycle engineering tasks. CALCE also committed to providing cost-effective and practical solutions to companies

The CALCE Prognostics and Health Management (PHM) Consortium includes US Army (ARDEC), US Army Material Systems Analysis Activity (AMSAA), US Army Research Laboratory, BAE Systems, Boeing, Dell, European Aeronautic Defense and Space Company (EADS), Energetics Technology Center (ETC), General Dynamics Advanced Information Systems, General Motors (GM) Honeywell, NASA, Raytheon as well as nCode.

Participation in the PHM Consortium places members at the forefront of prognostics and health management. CALCE's accomplishments in this area include (1) mapping of sensor technologies with stress and damage models to assess real-time life consumption monitoring (LCM) of electronic systems, (2) demonstrating the LCM methodology on an electronic board operated in an automotive under-hood environment, (3) evaluating diagnostic built-in-test (BIT) software-firmware systems for fault identification and isolation that incorporate error detection and correction circuits, and self-checking and self-verification circuits, (4) integrating in-situ semiconductor prognostic monitors consisting of pre-calibrated cells (circuits) to predict remaining life considering semiconductor defects and failure mechanisms, (5) developing software modules (data collection, simplification and damage accumulation and remaining life estimation) for environment and usage data collection that enable PHM, (6) assessing health using physical inspection, accelerated testing and physics-of-failure analysis combined, and (7) developing models and tools for optimizing maintenance planning and assessing ROI using PHM.