



**Fallbrook Technologies Inc. to Launch Release of NuVinci® Core™ Software at  
2014 International CTI Symposium North America**

*-- Provides Analytical Tool for Designing with Continuously Variable Planetary Technology --*

CEDAR PARK, Texas, May 13, 2014 – Fallbrook Technologies Inc. (Fallbrook), inventor of the NuVinci® continuously variable planetary (CVP) transmission technology, today announced that it is, for the first time ever, releasing tools from its *NuVinci* Software Suite outside of the Company to the general engineering community for use in conceptualizing and analyzing use of the *NuVinci* CVP transmission in various application designs. The first tool among multiple within the Suite planned for release, *NuVinci Core™*, will be unveiled on May 14 in beta release at the 8th International CTI Symposium North America, in Rochester, MI.

"I'm very pleased that we will now be making tools from the *NuVinci* Software Suite, such as *NuVinci Core*, available to companies looking to solve problems and integrate forward-thinking new technologies into their overall system designs," said Al Kammerer, Fallbrook's President. "Currently, Fortune 500 licensees from the automotive industry are successfully using components of this Suite to create and optimize their designs for primary transmissions, and now other companies can similarly assess how this technology might work within their own applications."

"*NuVinci Core* is a very useful tool to help designers and analysts quickly evaluate the impact of *NuVinci* technology in their application," added Jeremy Carter, Vice President of Product Development for Fallbrook. "It is just the beginning of a suite of tools that allow us to transfer the technology to our customers, and enable them to quickly develop drivetrain concepts."

The *NuVinci* Software Suite consists of two groups of tools: *NuVinci Solver™* and *NuVinci Dynamics™*. It utilizes an elastohydrodynamic lubrication (EHL) contact analysis engine that can model traction drives and enables results to be compared to those from similar analyses of other transmission technologies. *NuVinci Core* is part of the *Dynamics* toolset, which is designed to provide dynamic system modeling capabilities.

The tools within the *NuVinci* Software Suite have been successfully applied by Fallbrook engineers for a number of years. And while *NuVinci Core* is the first tool within the *NuVinci* Software Suite being released, subsequent tools are planned for release in the future. *NuVinci Core* is currently free for qualified users, and additional data beyond what is included in this specific version is readily available by contacting Fallbrook.

For more information on the *NuVinci Core*, visit [www.fallbrooktech.com/software/core](http://www.fallbrooktech.com/software/core).

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## **About Fallbrook Technologies**

Fallbrook Technologies is the developer of the patented NuVinci® continuously variable planetary (CVP) technology, which can improve the performance and efficiency of machines that use a transmission, including vehicles, stationary equipment, bicycles, and others.

The *NuVinci* technology is Transforming Gears into Spheres™ by using a set of rotating balls between the input and output components of a transmission. Tilting the balls changes their contact diameters and varies the speed ratio. *NuVinci* CVP technology can be configured to replace multiple planetary gears, providing significant efficiency or performance improvement in a compact package. The *NuVinci* technology offers companies the flexibility to design and produce next-generation products that are better-tailored to their unique business, market, and competitive requirements. In addition to TEAM, two other major automotive transmission suppliers have licensed *NuVinci* technology for the development of automotive class drivetrains.

The first commercial products incorporating the technology are the currently available *NuVinci* N360™ bicycle transmission and the *NuVinci* Harmony™ auto shifting system for bicycles, which includes the N360™. Fallbrook has built an extensive portfolio of over 600 patents and patent applications worldwide. For more information, visit <http://www.fallbrooktech.com>.

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