FOR IMMEDIATE RELEASE

Fallbrook Technologies Announces the Launch of NuVinci® H|Sync™

-- Offers Functionality Similar to NuVinci® Harmony™ but is Integrated with the eBike User Interface --

AUSTIN (TX), ZWOLLE (NL) June 25, 2014 — Falllbrook Technologies Inc. (Fallbrook) announced today the introduction of NuVinci® H|Sync™, the next iteration of its highly successful auto-shifting, continuously variable *NuVinci Harmony* system for eBikes. *H|Sync*, which is based on the CAN bus communication standard, provides eBike manufacturers with the opportunity to offer a continuous automatic shifting experience similar to *Harmony's,* but without requiring a separate shifting device on the handlebar. With *H|Sync*, the shifting action can be integrated directly into the eBike drivetrain user interface and will enable the addition of other experience-enhancing functionality.

H|Sync is a "platform" product and will initially be introduced in conjunction with Bosch and eBike manufacturers who will offer the technology on model year 2015 eBikes. Cadence pre-selection (30-80 rpm) will take place via the Bosch controller and will be displayed in a new menu item of the Bosch Intuvia display ("NuVinci® Cadence" screen). Once set, the *H|Sync* system will automatically maintain the selected cadence independent of the motor, the input power from the cyclist, and the topography of the route. At a stop (e.g. on a traffic light), the system will automatically choose a proper gear for subsequent easy and energy-saving acceleration. The shifting operation will feel smooth and seamless, even under full load.

And as with *Harmony*, manual gear shifting will be available as an option, using the Bosch controller to execute shifts between programmed "gears." Working together with the *NuVinci* N360™ drivetrain, *H|Sync* offers a unique combination of electronic, automatic, and continuous shifting technology as a function of cadence.

Although the integration of bicycle components in the past often has resulted in incompatibility issues, the CAN bus standard allows the addition and seamless integration of several electronic systems, which can significantly enhance the comfort and security of the eBike experience.

"This level of eBike integration has never before been possible," said Chris Vasiliotis, Fallbrook's Director of Product Management and Support. "As the industry matures, it is clear that advanced technology previously employed by the automotive and motorcycle industries can now also be used on eBikes." Vasiliotis further commented, "With the *H|Sync* open architecture, manufacturers can develop a complete vehicle system that responds automatically to the rider's preferences. Simplicity, elegance, optimization, and safety can all be increased."

David Hancock, Fallbrook's Executive Vice President, Product Business Units, added, "The feedback we have received from customers has been extremely positive, and there is a lot of excitement about this new product and the experience it creates for the rider."

- more -

As in the past, OEMs who prefer to use an additional controller can continue to specify the *NuVinci Harmony* system with Advanced and Base controller options. However, drivetrain manufacturers and OEMs who are interested in *H|Sync* can email rtenBrinke@fallbrooktech.com or call +31 38 460 52 77 for more information.

# # #

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 and 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. Major automotive transmission suppliers have licensed *NuVinci* technology for the development of automotive class drivetrains, and a market-leading supplier has licensed the technology and is developing *NuVinci* CVP transmissions for electric and gasoline light vehicle applications.

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.

Fallbrook Technologies Media Contacts

Europe
Daniel Bley
Marketing Manager Bike Europe
daniel.bley@fallbrooktech.com
Tel: +49 178 8500 115

International
Cori McCormick
Director of Marketing
cmccormick@fallbrooktech.com
Tel: +1 512 519-5344