

## **NEWS RELEASE**

### **HomeGrid Forum Powerline Technology boosting capabilities for the Connected Home at CES 2016**

*Vendors showing many products at this year's CES as G.hn powerline technology continues to accelerate into consumer markets.*

**CES 2016, Las Vegas, Nevada. 8 January 2016**

#### **News highlights:**

- G.hn products on show support the continued vision of HomeGrid Forum to provide a robust networking backbone for the fully connected home
- ARRIS, Brightech, Comtrend and Wondertek showcase Marvell's G.hn based consumer devices, also available from Amazon, Alibaba and Taobao e-commerce sites
- Sigma Designs' G.hn Prime technology exhibited, giving a fast and reliable entertainment experience for consumers in the home or office

As the use of G.hn powerline technology continues to grow rapidly in global consumer markets, several HomeGrid Forum members are showcasing the multiple benefits that powerline technology brings to consumer technology at this year's CES in Las Vegas, Nevada.

G.hn offers a single, widely supported standard for connected networked devices over any existing wired infrastructure (powerline, coax and phone line) in the home. With the rapid expansion of 4K (Ultra-High Definition) content, and the ubiquity of multiple screens, the need for a robust, high throughput home networking backbone is greater than ever.

Delivering dependable coverage in real homes that are plagued with obstacles such as surge protectors, and suffer interference from many appliances is becoming essential for service providers, who also need to address the network congestion challenges of MDUs. Further, consumers are placing ever-growing demands on network throughput, with the simultaneous use of tablets, smart phones, games consoles and 4K TV.

Sigma Designs (NASDAQ:SIGM) recently announced that Integrated Telecommunications Systems (ITS2X) have selected the new Sigma Designs CG5321 and SMP8758 G.hn chipsets for their G-Connex Entertainment and Networking device. G-Connex combines the features of a streaming device with the high transmission rates required by Ultra-HD 4K.

Sigma Designs' G.hn Prime has been selected by ZINWELL for their latest 8100 MIMO (Multi-Input, Multi-Output) Power Line Communication Home Networking Product Line. The new ZINWELL 8100 series is specifically designed to meet household needs for distributing 4K UHD video streams and data over powerline, all within a palm-sized device.

Marvell (NASDAQ:MRVL) will be showcasing consumer G.hn devices at CES. Home Network G.hn Extender SBX-1000P and Wi-Fi Routers with G.hn Extender Functions, SBR-1900P from ARRIS (NASDAQ:ARRS) will be on display, together with Comtrend's PG-9172PoE G.hn Powerline Ethernet + PoE Adapter & PG-9172 G.hn Powerline Adapters.

Comtrend G.hn devices are available from Amazon, while Wondertek's G.hn and Brightech's G.hn devices are available on-line from Alibaba, and Taobao.

Marvell will be demonstrating G.hn solutions at the 2016 Consumer Electronics Show in Marvell's suite, Level 3, Murano 3304, at The Venetian.

Sigma Designs will showcase G.hn Prime and ITX G-Connex at the 2016 Consumer Electronics Show, in Suite 2991 at the Westgate.

"The presence of so many G.hn powerline products readily available for global consumers at CES 2016 demonstrates the success of the HomeGrid Forum and its members in making G.hn a globally adopted networking standard." said Donna Yasay, HomeGrid Forum President. "By providing 4K TV and other services over a robust network backbone, G.hn can transform the way entertainment and other functions are delivered over the home network."

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#### **About HomeGrid Forum**

HomeGrid Forum (HGF) is an industry alliance that brings together the world's best in technology innovators, silicon vendors, system manufacturers and service providers to promote G.hn, a globally recognized gigabit home networking technology based on ITU-T standards. Over 70 members promote the global adoption of G.hn, a single unified, multi-sourced networking technology – over coax, copper pairs, powerline, and plastic optical fiber – while continuing to support HomePNA deployments and their transition to G.hn. HomeGrid Forum provides G.hn silicon

and system certification through a strict compliance and interoperability testing program. For more information on HomeGrid Forum, please visit our website at [www.homegridforum.org](http://www.homegridforum.org).  
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