

HOME NETWORKING

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Huawei said the high-bandwidth capability of G.hn complements the “connect anywhere” flexibility of Wi-Fi to provide coverage throughout the home with no blind spots.

Also, Huawei’s Hisilicon chipmaking business has developed what it calls a 4K Ubiquity home networking solution that is based on G.hn technology.

Hisilicon’s home networking solution for 4K uses Hisilicon chipsets and Huawei’s G.hn products. Francis Ng, Huawei’s representative to HomeGrid Forum, said: “This 4K paradigm shows how G.hn can revolutionize the home theater experience, but also raises the bar for all home networking. It presents new opportunities to broadband service providers as 4K content is delivered over the ‘last mile’ to the home gateway through optical fiber, telephone line, Ethernet cable or even LTE.” That puts G.hn as a direct competitor to G.fast for the networking market that involves connecting an MDU’s incoming fiber to the home’s existing network. MDUs typically already have copper wire and/or coax from the basement or an equipment room to the residence. G.hn could be used instead of G.fast as the technology to provide high speed broadband over that connection. That is the solution that South Korea’s **KT Corporation** is already using in MDUs. See: “**Marvell Targets Europe, South America & Korea for G.hn; Portugal Telecom & SK Telecom Are Already Field Testing**” in TOR860.

With Huawei’s backing and seal of approval, G.hn can be expected to be popular with telcos in Asia and Europe — and perhaps even in the Americas, keeping in mind that the second largest US telco, **Verizon**, has been deploying coax-based MoCA for over half a decade, so it probably won’t switch to coax-cased G.hn although the powerline/phoneline versions of G.hn might have some appeal.

The US government has forbidden US telcos from buying equipment from Huawei but there are other large and credible suppliers of G.hn gear — like the US-based **ARRIS**.

“Unleash 4K ubiquity” was the theme of a display in the HomeGrid Forum booth at Computex 2015.

G.hn Certifies Products for Every Wire in the Home

- Phoneline, Powerline, Coax & Wi-Fi Bridge

The **HomeGrid Forum** and its independent test lab **Allion Labs** used Taiwan’s Computex trade show to announce that five new products from four vendors have recently achieved G.hn certification. The Forum said its certification testing “ensures certified G.hn products are multi-vendor interoperable even with multi-vendor silicon [chips].

The newly certified products come from:

- ARRIS Group
- Comtrend
- Prime Electronics and Satellitics
- SendTek

G.hn has now certified products for phoneline, powerline, and coax plus a bridge to Wi-Fi and CATV. The HomeGrid Forum says, “This is a significant milestone that validates G.hn’s market leading position in offering a single solution certified over any wire — coax, phoneline, powerline and plastic optical fiber.

Abdul Khan, chairman of HomeGrid’s Compliance and Interoperability Working Group, took a dig at MoCA and HomePlug by saying, “No other technology has achieved this level and breadth of certifications, from multi-source silicon to end user products, so quickly in its evolution!”

For details on the newly certified products, see:

http://www.homegridforum.org/content/pages.php?pg=certified_systems

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